

Supplementary to “Precise Machine Learning Models for Fragment Production in Projectile Fragmentation Reactions by Bayesian Neural Networks”

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This is the supplementary to article “Precise Machine Learning Models for Fragment Production in Projectile Fragmentation Reactions by Bayesian Neural Networks”, which presents all the data used in the work. TABLE. II compiles the training dataset, which are used to construct the BNN and BNN + FRACS models, which includes 6393 fragments in 53 measured projectile fragmentations reactions. TABLE. III compiles the test dataset, which are used to check the extrapolation ability of the BNN and BNN+FRACS models.

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TABLE I. For the training dataset and testing dataset, which are all measured cross sections for fragments in the projectile fragmentation reactions, the data are tabulated in TABLE. II and TABLE. III, respectively. The predictions by FRACS, BNN and BNN + FRACS are also listed. The parameters are listed in this table.

Ref.	Source data
E	The incident energy of the reaction in MeV/u (laboratory reference frame)
A_p	The mass number of the projectile nucleus
Z_p	The charge number of the projectile nucleus
A_t	The mass number of the target nucleus
Z_t	The charge number of the target nucleus
A_f	The mass number of the fragment nucleus
Z_f	The mass number of the fragment nucleus
σ_E	The measured cross section in mb
δ_E	Error of the measured cross section
σ_F	The FRACS predicted cross section in mb
σ_{BN}	The BNN predicted cross section in mb
δ_{BN}	Error of the BNN predicted cross section
σ_{BF}	The BNN+FRACS predicted cross section in mb
δ_{BF}	Error of the BNN+FRACS predicted cross section
#	(in Table III) data unmeasured.

TABLE II: The data in the training dataset to construct the BNN and BNN + FRACS models.

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
[1]	1050	80	36	9	4	64	32	4.80E-03	1.80E-03	1.53E-02	3.23E-03	7.07E-04	1.78E-02	1.59E-03
	1050	80	36	9	4	66	33	4.80E-03	1.30E-03	7.45E-03	2.59E-03	4.87E-04	8.61E-03	7.89E-04
	1050	80	36	9	4	68	34	2.70E-03	8.00E-04	5.70E-03	2.05E-03	3.30E-04	6.56E-03	6.14E-04
	1050	80	36	9	4	70	35	9.20E-04	2.60E-04	1.89E-03	1.46E-03	2.17E-04	2.17E-03	2.07E-04
	1050	80	36	9	4	72	36	5.30E-04	1.80E-04	1.32E-03	7.18E-04	1.19E-04	1.52E-03	1.47E-04
	1050	80	36	9	4	74	37	4.50E-04	1.60E-04	1.66E-04	1.37E-04	3.13E-05	1.91E-04	1.86E-05
	1050	80	36	9	4	65	32	7.00E-02	2.60E-02	2.35E-01	6.73E-02	1.22E-02	2.75E-01	2.44E-02
	1050	80	36	9	4	67	33	1.10E-01	4.00E-02	1.09E-01	5.90E-02	9.12E-03	1.26E-01	1.15E-02
	1050	80	36	9	4	69	34	1.20E-01	5.00E-02	9.26E-02	5.11E-02	6.92E-03	1.07E-01	9.95E-03
	1050	80	36	9	4	71	35	4.20E-02	1.70E-02	2.93E-02	3.91E-02	5.19E-03	3.39E-02	3.19E-03
	1050	80	36	9	4	73	36	1.80E-02	7.00E-03	2.02E-02	1.95E-02	3.00E-03	2.34E-02	2.23E-03
	1050	80	36	9	4	66	32	1.10E+00	3.00E-01	1.75E+00	7.88E-01	1.25E-01	2.05E+00	1.81E-01
	1050	80	36	9	4	68	33	8.30E-01	2.60E-01	9.08E-01	7.67E-01	1.02E-01	1.06E+00	9.58E-02
	1050	80	36	9	4	70	34	7.00E-01	2.20E-01	7.73E-01	7.36E-01	8.78E-02	8.99E-01	8.28E-02
	1050	80	36	9	4	72	35	2.70E-01	8.00E-02	3.99E-01	6.09E-01	7.58E-02	4.64E-01	4.34E-02
	1050	80	36	9	4	74	36	1.70E-01	5.00E-02	1.75E-01	3.05E-01	4.53E-02	2.04E-01	1.93E-02
	1050	80	36	9	4	76	37	1.00E-01	3.00E-02	1.98E-02	4.37E-02	9.53E-03	2.31E-02	2.21E-03
	1050	80	36	9	4	67	32	5.70E+00	2.20E+00	7.06E+00	5.05E+00	8.11E-01	8.32E+00	7.31E-01
	1050	80	36	9	4	69	33	3.30E+00	1.30E+00	4.19E+00	5.50E+00	7.32E-01	4.91E+00	4.41E-01
	1050	80	36	9	4	71	34	4.20E+00	1.60E+00	3.89E+00	5.85E+00	7.09E-01	4.55E+00	4.16E-01
	1050	80	36	9	4	73	35	3.50E+00	1.40E+00	2.00E+00	5.21E+00	6.79E-01	2.33E+00	2.17E-01
	1050	80	36	9	4	75	36	2.70E+00	1.00E+00	1.03E+00	2.56E+00	4.06E-01	1.21E+00	1.14E-01
	1050	80	36	9	4	68	32	2.10E+01	6.00E+00	1.71E+01	1.81E+01	3.49E+00	2.02E+01	1.76E+00
	1050	80	36	9	4	70	33	1.50E+01	4.00E+00	1.12E+01	2.19E+01	3.58E+00	1.32E+01	1.17E+00
	1050	80	36	9	4	72	34	1.60E+01	5.00E+00	1.37E+01	2.56E+01	3.87E+00	1.61E+01	1.46E+00
	1050	80	36	9	4	74	35	8.80E+00	2.60E+00	6.69E+00	2.40E+01	3.88E+00	7.86E+00	7.23E-01
	1050	80	36	9	4	76	36	6.10E+00	1.80E+00	4.03E+00	1.12E+01	2.20E+00	4.75E+00	4.41E-01
	1050	80	36	9	4	78	37	7.40E-01	2.20E-01	8.63E-01	1.01E+00	3.22E-01	1.02E+00	9.57E-02
[2]	1015	112	50	9	4	74	38	4.90E-07	4.00E-07	8.21E-08	1.96E-07	3.87E-08	9.10E-08	5.17E-09
	1015	112	50	9	4	76	39	2.60E-08	4.70E-08	2.61E-08	1.43E-07	2.45E-08	2.85E-08	1.61E-09
	1015	112	50	9	4	78	40	2.70E-08	4.90E-08	2.63E-08	1.06E-07	1.68E-08	2.84E-08	1.59E-09
	1015	112	50	9	4	75	38	6.50E-06	2.90E-06	2.12E-06	2.84E-06	4.98E-07	2.35E-06	1.34E-07
	1015	112	50	9	4	77	39	6.50E-07	2.70E-07	7.21E-07	2.06E-06	2.96E-07	7.90E-07	4.46E-08
	1015	112	50	9	4	79	40	1.20E-06	7.00E-07	7.62E-07	1.49E-06	1.85E-07	8.25E-07	4.64E-08
	1015	112	50	9	4	83	42	3.50E-07	2.20E-07	2.47E-07	7.35E-07	8.64E-08	2.62E-07	1.48E-08
	1015	112	50	9	4	87	44	2.50E-07	2.20E-07	8.38E-08	2.92E-07	4.05E-08	8.76E-08	5.01E-09
	1015	112	50	9	4	91	46	9.50E-08	1.70E-07	3.13E-08	7.65E-08	1.22E-08	3.24E-08	1.88E-09
	1015	112	50	9	4	76	38	8.20E-05	3.40E-05	5.57E-05	4.07E-05	6.98E-06	6.21E-05	3.53E-06

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1015	112	50	9	4	78	39	3.50E-05	1.50E-05	2.24E-05	3.01E-05	4.28E-06	2.46E-05	1.39E-06	
1015	112	50	9	4	80	40	2.50E-05	1.10E-05	1.91E-05	2.22E-05	2.70E-06	2.07E-05	1.17E-06	
1015	112	50	9	4	82	41	1.60E-05	7.00E-06	7.78E-06	1.61E-05	1.76E-06	8.36E-06	4.72E-07	
1015	112	50	9	4	84	42	1.10E-05	5.00E-06	6.60E-06	1.12E-05	1.17E-06	7.03E-06	3.99E-07	
1015	112	50	9	4	86	43	5.30E-06	2.30E-06	2.71E-06	7.41E-06	7.77E-07	2.86E-06	1.63E-07	
1015	112	50	9	4	88	44	2.80E-06	1.20E-06	2.40E-06	4.53E-06	4.92E-07	2.52E-06	1.45E-07	
1015	112	50	9	4	90	45	1.60E-06	7.00E-07	1.04E-06	2.49E-06	2.82E-07	1.09E-06	6.27E-08	
1015	112	50	9	4	92	46	1.00E-06	6.00E-07	8.71E-07	1.21E-06	1.41E-07	9.07E-07	5.26E-08	
1015	112	50	9	4	94	47	3.70E-07	2.00E-07	2.85E-07	4.99E-07	5.99E-08	2.96E-07	1.73E-08	
1015	112	50	9	4	96	48	3.00E-07	1.40E-07	1.58E-07	1.69E-07	2.19E-08	1.64E-07	9.57E-09	
1015	112	50	9	4	98	49	4.80E-08	2.80E-08	3.57E-08	4.35E-08	6.86E-09	3.71E-08	2.17E-09	
1015	112	50	9	4	100	50	1.80E-09	3.20E-09	1.26E-08	7.28E-09	1.54E-09	1.31E-08	7.67E-10	
1015	112	50	9	4	77	38	1.90E-03	8.00E-04	1.58E-03	4.92E-04	8.53E-05	1.77E-03	1.01E-04	
1015	112	50	9	4	79	39	7.30E-04	3.10E-04	6.90E-04	3.85E-04	5.64E-05	7.61E-04	4.31E-05	
1015	112	50	9	4	81	40	7.00E-04	2.90E-04	5.60E-04	3.00E-04	3.82E-05	6.10E-04	3.45E-05	
1015	112	50	9	4	83	41	3.00E-04	1.30E-04	2.30E-04	2.28E-04	2.63E-05	2.47E-04	1.40E-05	
1015	112	50	9	4	85	42	2.40E-04	1.00E-04	2.02E-04	1.66E-04	1.81E-05	2.16E-04	1.23E-05	
1015	112	50	9	4	87	43	1.10E-04	5.00E-05	8.58E-05	1.15E-04	1.21E-05	9.10E-05	5.21E-06	
1015	112	50	9	4	89	44	7.50E-05	3.10E-05	7.62E-05	7.29E-05	7.72E-06	8.04E-05	4.63E-06	
1015	112	50	9	4	91	45	3.60E-05	1.50E-05	3.39E-05	4.20E-05	4.44E-06	3.56E-05	2.06E-06	
1015	112	50	9	4	93	46	2.40E-05	1.00E-05	2.52E-05	2.13E-05	2.23E-06	2.64E-05	1.53E-06	
1015	112	50	9	4	95	47	9.00E-06	3.90E-06	7.97E-06	9.35E-06	9.52E-07	8.34E-06	4.87E-07	
1015	112	50	9	4	97	48	5.70E-06	2.40E-06	4.11E-06	3.40E-06	3.57E-07	4.30E-06	2.51E-07	
1015	112	50	9	4	99	49	1.20E-06	5.00E-07	7.21E-07	9.50E-07	1.21E-07	7.54E-07	4.42E-08	
1015	112	50	9	4	101	50	2.10E-07	9.00E-08	2.79E-07	1.72E-07	3.04E-08	2.93E-07	1.71E-08	
1015	112	50	9	4	90	44	1.20E-03	5.00E-04	2.68E-03	1.05E-03	1.21E-04	2.84E-03	1.64E-04	
1015	112	50	9	4	92	45	7.00E-04	2.90E-04	1.20E-03	6.52E-04	7.48E-05	1.27E-03	7.37E-05	
1015	112	50	9	4	94	46	4.10E-04	1.70E-04	8.09E-04	3.60E-04	4.00E-05	8.51E-04	4.96E-05	
1015	112	50	9	4	96	47	1.90E-04	8.00E-05	2.45E-04	1.73E-04	1.79E-05	2.58E-04	1.51E-05	
1015	112	50	9	4	98	48	1.00E-04	4.00E-05	1.05E-04	6.98E-05	6.79E-06	1.10E-04	6.47E-06	
1015	112	50	9	4	100	49	2.80E-05	1.20E-05	1.67E-05	2.19E-05	2.34E-06	1.75E-05	1.03E-06	
1015	112	50	9	4	102	50	7.00E-06	2.60E-06	5.00E-06	4.38E-06	6.38E-07	5.27E-06	3.09E-07	
1015	112	50	9	4	97	47	3.70E-03	1.70E-03	5.45E-03	2.71E-03	3.22E-04	5.76E-03	3.38E-04	
1015	112	50	9	4	99	48	2.10E-03	9.00E-04	2.48E-03	1.25E-03	1.32E-04	2.62E-03	1.54E-04	
1015	112	50	9	4	101	49	6.70E-04	3.00E-04	4.19E-04	4.51E-04	4.55E-05	4.43E-04	2.60E-05	
1015	112	50	9	4	103	50	1.70E-04	8.00E-05	9.69E-05	1.02E-04	1.25E-05	1.03E-04	6.03E-06	
1015	112	50	9	4	102	49	5.30E-03	2.20E-03	6.60E-03	7.23E-03	7.97E-04	7.03E-03	4.13E-04	
1015	112	50	9	4	104	50	2.10E-03	9.00E-04	1.69E-03	1.86E-03	2.13E-04	1.80E-03	1.06E-04	
1015	112	50	9	4	106	51	1.60E-04	8.00E-05	1.16E-04	1.67E-04	2.42E-05	1.24E-04	7.24E-06	
1015	112	50	9	4	108	52	3.10E-06	1.70E-06	1.37E-05	1.82E-06	4.34E-07	1.48E-05	8.58E-07	
1015	112	50	9	4	103	49	5.60E-02	2.50E-02	6.56E-02	8.10E-02	1.02E-02	7.02E-02	4.13E-03	
1015	112	50	9	4	105	50	2.50E-02	1.10E-02	1.94E-02	2.36E-02	2.82E-03	2.09E-02	1.22E-03	
1015	112	50	9	4	107	51	2.80E-03	1.20E-03	1.62E-03	2.14E-03	2.80E-04	1.75E-03	1.02E-04	
1015	112	50	9	4	109	52	1.40E-05	6.00E-06	1.98E-04	1.89E-05	4.36E-06	2.16E-04	1.25E-05	
1015	112	50	9	4	104	49	3.10E-01	1.90E-01	4.29E-01	5.93E-01	8.49E-02	4.63E-01	2.72E-02	
1015	112	50	9	4	106	50	1.40E-01	8.00E-02	1.51E-01	1.92E-01	2.50E-02	1.64E-01	9.58E-03	
1015	112	50	9	4	108	51	1.20E-02	5.00E-03	1.89E-02	1.70E-02	2.21E-03	2.06E-02	1.20E-03	
1015	112	50	9	4	110	52	7.20E-05	2.90E-05	2.69E-03	1.14E-04	2.85E-05	2.94E-03	1.70E-04	
1015	112	50	9	4	105	49	1.90E+00	1.10E+00	2.01E+00	2.75E+00	4.36E-01	2.18E+00	1.28E-01	
1015	112	50	9	4	107	50	8.70E-01	5.20E-01	8.49E-01	9.62E-01	1.38E-01	9.24E-01	5.40E-02	
1015	112	50	9	4	109	51	1.30E-01	6.00E-02	1.78E-01	7.86E-02	1.11E-02	1.94E-01	1.13E-02	
1015	112	50	9	4	111	52	1.50E-04	7.00E-05	3.33E-02	3.73E-04	1.12E-04	3.67E-02	2.11E-03	
1015	112	50	9	4	106	49	4.40E+00	1.90E+00	5.99E+00	8.06E+00	1.41E+00	6.52E+00	3.84E-01	
1015	112	50	9	4	108	50	4.10E+00	1.70E+00	4.08E+00	2.93E+00	4.66E-01	4.47E+00	2.61E-01	
1015	112	50	9	4	107	49	1.10E+01	5.00E+00	1.55E+01	1.52E+01	2.95E+00	1.70E+01	9.98E-01	
1015	112	50	9	4	109	50	1.00E+01	5.00E+00	1.48E+01	5.42E+00	9.95E-01	1.63E+01	9.52E-01	
[3]	1000	112	50	112	50	21	10	1.80E+01	4.00E+00	3.73E+00	2.21E+01	3.52E+00	2.97E+01	4.77E+00
	1000	112	50	112	50	22	10	1.10E+01	2.00E+00	1.90E+00	1.12E+01	1.78E+00	1.47E+01	2.19E+00
	1000	112	50	112	50	23	10	1.90E+00	8.00E-01	3.16E-01	3.18E+00	5.14E-01	2.36E+00	3.32E-01
	1000	112	50	112	50	24	10	9.00E-01	4.00E-01	9.85E-02	5.86E-01	9.92E-02	7.16E-01	9.51E-02
	1000	112	50	112	50	23	11	1.60E+01	3.00E+00	5.79E+00	1.76E+01	2.28E+00	3.44E+01	4.55E+00
	1000	112	50	112	50	24	11	8.00E+00	2.00E+00	1.64E+00	1.01E+01	1.28E+00	9.49E+00	1.18E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	112	50	112	50	25	11	2.90E+00	6.00E-01	6.40E-01	3.26E+00	4.20E-01	3.60E+00	4.23E-01	
1000	112	50	112	50	26	11	8.00E-01	2.00E-01	9.45E-02	6.74E-01	9.41E-02	5.18E-01	5.79E-02	
1000	112	50	112	50	25	12	1.30E+01	3.00E+00	4.99E+00	1.44E+01	1.59E+00	2.28E+01	2.52E+00	
1000	112	50	112	50	26	12	1.10E+01	2.00E+00	2.98E+00	9.36E+00	9.79E-01	1.33E+01	1.39E+00	
1000	112	50	112	50	27	12	3.80E+00	8.00E-01	6.08E-01	3.42E+00	3.61E-01	2.65E+00	2.65E-01	
1000	112	50	112	50	28	12	1.00E+00	2.00E-01	2.11E-01	7.93E-01	9.35E-02	8.98E-01	8.67E-02	
1000	112	50	112	50	27	13	1.50E+01	3.00E+00	5.75E+00	1.20E+01	1.21E+00	2.07E+01	1.97E+00	
1000	112	50	112	50	28	13	8.00E+00	2.00E+00	2.74E+00	8.85E+00	8.07E-01	9.65E+00	8.81E-01	
1000	112	50	112	50	29	13	4.40E+00	9.00E-01	1.23E+00	3.65E+00	3.29E-01	4.24E+00	3.73E-01	
1000	112	50	112	50	30	13	6.00E-01	2.00E-01	2.01E-01	9.47E-01	9.70E-02	6.80E-01	5.81E-02	
1000	112	50	112	50	29	14	1.20E+01	2.00E+00	5.32E+00	1.01E+01	9.91E-01	1.55E+01	1.30E+00	
1000	112	50	112	50	30	14	1.10E+01	2.00E+00	4.70E+00	8.48E+00	7.17E-01	1.34E+01	1.09E+00	
1000	112	50	112	50	31	14	3.90E+00	8.00E-01	1.13E+00	3.94E+00	3.19E-01	3.16E+00	2.50E-01	
1000	112	50	112	50	32	14	9.00E-01	2.00E-01	4.47E-01	1.14E+00	1.04E-01	1.24E+00	9.54E-02	
1000	112	50	112	50	31	15	9.00E+00	2.00E+00	5.20E+00	8.67E+00	8.42E-01	1.25E+01	9.50E-01	
1000	112	50	112	50	32	15	7.00E+00	1.00E+00	4.16E+00	8.17E+00	6.70E-01	9.84E+00	7.28E-01	
1000	112	50	112	50	33	15	4.40E+00	9.00E-01	2.24E+00	4.28E+00	3.25E-01	5.22E+00	3.77E-01	
1000	112	50	112	50	34	15	8.00E-01	3.00E-01	4.06E-01	1.39E+00	1.15E-01	9.33E-01	6.63E-02	
1000	112	50	112	50	35	15	4.00E-01	1.00E-01	1.56E-01	3.13E-01	3.69E-02	3.53E-01	2.48E-02	
1000	112	50	112	50	33	16	7.00E+00	1.00E+00	4.95E+00	7.43E+00	7.26E-01	1.00E+01	7.02E-01	
1000	112	50	112	50	34	16	1.20E+01	2.00E+00	6.85E+00	7.90E+00	6.43E-01	1.37E+01	9.36E-01	
1000	112	50	112	50	35	16	4.40E+00	9.00E-01	1.97E+00	4.64E+00	3.41E-01	3.87E+00	2.60E-01	
1000	112	50	112	50	36	16	1.10E+00	2.00E-01	9.09E-01	1.68E+00	1.29E-01	1.77E+00	1.17E-01	
1000	112	50	112	50	37	16	3.70E-01	8.00E-02	1.45E-01	4.19E-01	4.44E-02	2.79E-01	1.83E-02	
1000	112	50	112	50	35	17	6.00E+00	1.00E+00	4.42E+00	6.36E+00	6.24E-01	7.65E+00	5.02E-01	
1000	112	50	112	50	36	17	8.00E+00	2.00E+00	5.46E+00	7.60E+00	6.19E-01	9.34E+00	6.01E-01	
1000	112	50	112	50	37	17	4.90E+00	1.00E+00	3.85E+00	5.02E+00	3.62E-01	6.50E+00	4.11E-01	
1000	112	50	112	50	38	17	2.10E+00	4.00E-01	8.67E-01	2.03E+00	1.45E-01	1.45E+00	9.06E-02	
1000	112	50	112	50	39	17	5.00E-01	1.00E-01	3.21E-01	5.58E-01	5.27E-02	5.30E-01	3.29E-02	
1000	112	50	112	50	37	18	4.50E+00	9.00E-01	3.95E+00	5.41E+00	5.31E-01	5.94E+00	3.68E-01	
1000	112	50	112	50	38	18	8.00E+00	2.00E+00	8.30E+00	7.27E+00	5.92E-01	1.23E+01	7.53E-01	
1000	112	50	112	50	39	18	5.00E+00	1.00E+00	3.56E+00	5.38E+00	3.83E-01	5.24E+00	3.15E-01	
1000	112	50	112	50	40	18	2.50E+00	5.00E-01	1.69E+00	2.42E+00	1.64E-01	2.47E+00	1.46E-01	
1000	112	50	112	50	41	18	6.00E-01	1.00E-01	3.36E-01	7.35E-01	6.18E-02	4.86E-01	2.86E-02	
1000	112	50	112	50	42	18	2.20E-01	5.00E-02	1.06E-01	1.65E-01	2.19E-02	1.51E-01	8.82E-03	
1000	112	50	112	50	39	19	3.50E+00	7.00E-01	3.19E+00	4.56E+00	4.45E-01	4.22E+00	2.49E-01	
1000	112	50	112	50	40	19	7.00E+00	1.00E+00	6.02E+00	6.87E+00	5.58E-01	7.89E+00	4.59E-01	
1000	112	50	112	50	41	19	5.00E+00	1.00E+00	5.52E+00	5.70E+00	4.03E-01	7.18E+00	4.12E-01	
1000	112	50	112	50	42	19	2.80E+00	6.00E-01	1.71E+00	2.86E+00	1.86E-01	2.21E+00	1.25E-01	
1000	112	50	112	50	43	19	1.50E+00	3.00E-01	6.83E-01	9.57E-01	7.18E-02	8.73E-01	4.91E-02	
1000	112	50	112	50	44	19	2.90E-01	6.00E-02	1.23E-01	2.35E-01	2.71E-02	1.56E-01	8.71E-03	
1000	112	50	112	50	41	20	3.30E+00	7.00E-01	3.11E+00	3.80E+00	3.66E-01	3.67E+00	2.08E-01	
1000	112	50	112	50	42	20	7.00E+00	1.00E+00	7.85E+00	6.39E+00	5.17E-01	9.20E+00	5.13E-01	
1000	112	50	112	50	43	20	6.00E+00	1.00E+00	5.97E+00	5.94E+00	4.20E-01	6.94E+00	3.82E-01	
1000	112	50	112	50	44	20	3.60E+00	7.00E-01	3.04E+00	3.32E+00	2.11E-01	3.50E+00	1.91E-01	
1000	112	50	112	50	45	20	1.40E+00	3.00E-01	7.32E-01	1.23E+00	8.35E-02	8.39E-01	4.53E-02	
1000	112	50	112	50	46	20	3.40E-01	7.00E-02	2.53E-01	3.28E-01	3.28E-02	2.88E-01	1.54E-02	
1000	112	50	112	50	43	21	2.20E+00	4.00E-01	2.03E+00	3.11E+00	2.96E-01	2.16E+00	1.18E-01	
1000	112	50	112	50	44	21	6.00E+00	1.00E+00	5.44E+00	5.85E+00	4.69E-01	5.75E+00	3.10E-01	
1000	112	50	112	50	45	21	8.00E+00	2.00E+00	7.57E+00	6.09E+00	4.30E-01	7.95E+00	4.23E-01	
1000	112	50	112	50	46	21	3.60E+00	7.00E-01	3.13E+00	3.79E+00	2.40E-01	3.27E+00	1.73E-01	
1000	112	50	112	50	47	21	1.60E+00	3.00E-01	1.40E+00	1.55E+00	9.82E-02	1.45E+00	7.59E-02	
1000	112	50	112	50	48	21	4.00E-01	8.00E-02	2.80E-01	4.51E-01	3.92E-02	2.88E-01	1.50E-02	
1000	112	50	112	50	45	22	1.90E+00	4.00E-01	2.04E+00	2.50E+00	2.34E-01	1.98E+00	1.05E-01	
1000	112	50	112	50	46	22	6.00E+00	1.00E+00	6.60E+00	5.25E+00	4.16E-01	6.36E+00	3.33E-01	
1000	112	50	112	50	47	22	8.00E+00	2.00E+00	8.19E+00	6.11E+00	4.31E-01	7.85E+00	4.07E-01	
1000	112	50	112	50	48	22	4.70E+00	9.00E-01	5.23E+00	4.24E+00	2.71E-01	4.98E+00	2.56E-01	
1000	112	50	112	50	49	22	1.80E+00	4.00E-01	1.49E+00	1.91E+00	1.17E-01	1.41E+00	7.18E-02	
1000	112	50	112	50	50	22	4.40E-01	9.00E-02	5.85E-01	6.10E-01	4.67E-02	5.52E-01	2.80E-02	
1000	112	50	112	50	47	23	1.30E+00	3.00E-01	1.20E+00	1.97E+00	1.82E-01	1.07E+00	5.54E-02	
1000	112	50	112	50	48	23	4.70E+00	9.00E-01	4.45E+00	4.62E+00	3.61E-01	3.95E+00	2.02E-01	
1000	112	50	112	50	49	23	8.00E+00	2.00E+00	8.72E+00	6.01E+00	4.23E-01	7.71E+00	3.91E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	112	50	112	50	50	23	5.00E+00	1.00E+00	5.09E+00	4.64E+00	3.02E-01	4.48E+00	2.25E-01	
1000	112	50	112	50	51	23	2.20E+00	4.00E-01	2.72E+00	2.31E+00	1.42E-01	2.39E+00	1.19E-01	
1000	112	50	112	50	52	23	8.00E-01	2.00E-01	6.40E-01	8.08E-01	5.64E-02	5.58E-01	2.78E-02	
1000	112	50	112	50	53	23	1.90E-01	4.00E-02	2.20E-01	2.13E-01	2.18E-02	1.91E-01	9.48E-03	
1000	112	50	112	50	49	24	1.20E+00	2.00E-01	1.15E+00	1.52E+00	1.38E-01	9.53E-01	4.84E-02	
1000	112	50	112	50	50	24	4.50E+00	9.00E-01	4.88E+00	3.97E+00	3.05E-01	4.03E+00	2.03E-01	
1000	112	50	112	50	51	24	8.00E+00	2.00E+00	8.49E+00	5.78E+00	4.03E-01	6.98E+00	3.49E-01	
1000	112	50	112	50	52	24	7.00E+00	1.00E+00	8.15E+00	4.98E+00	3.28E-01	6.67E+00	3.31E-01	
1000	112	50	112	50	53	24	1.90E+00	4.00E-01	2.80E+00	2.75E+00	1.72E-01	2.28E+00	1.13E-01	
1000	112	50	112	50	54	24	1.00E+00	2.00E-01	1.27E+00	1.05E+00	6.97E-02	1.03E+00	5.07E-02	
1000	112	50	112	50	55	24	2.20E-01	4.00E-02	2.53E-01	3.00E-01	2.68E-02	2.04E-01	1.00E-02	
1000	112	50	112	50	51	25	8.00E-01	2.00E-01	6.45E-01	1.15E+00	1.03E-01	5.00E-01	2.51E-02	
1000	112	50	112	50	52	25	3.80E+00	8.00E-01	3.13E+00	3.34E+00	2.51E-01	2.42E+00	1.20E-01	
1000	112	50	112	50	53	25	7.00E+00	1.00E+00	8.21E+00	5.43E+00	3.73E-01	6.32E+00	3.14E-01	
1000	112	50	112	50	54	25	7.00E+00	1.00E+00	7.52E+00	5.22E+00	3.46E-01	5.77E+00	2.85E-01	
1000	112	50	112	50	55	25	2.80E+00	6.00E-01	4.99E+00	3.19E+00	2.06E-01	3.82E+00	1.88E-01	
1000	112	50	112	50	56	25	1.10E+00	2.00E-01	1.34E+00	1.34E+00	8.79E-02	1.02E+00	5.00E-02	
1000	112	50	112	50	57	25	3.20E-01	7.00E-02	5.30E-01	4.15E-01	3.34E-02	4.03E-01	1.97E-02	
1000	112	50	112	50	53	26	7.00E-01	1.00E-01	5.84E-01	8.49E-01	7.50E-02	4.27E-01	2.13E-02	
1000	112	50	112	50	54	26	3.20E+00	6.00E-01	3.27E+00	2.74E+00	2.02E-01	2.39E+00	1.19E-01	
1000	112	50	112	50	55	26	7.00E+00	1.00E+00	7.66E+00	4.99E+00	3.35E-01	5.57E+00	2.76E-01	
1000	112	50	112	50	56	26	8.00E+00	2.00E+00	1.12E+01	5.35E+00	3.54E-01	8.14E+00	4.01E-01	
1000	112	50	112	50	57	26	3.80E+00	8.00E-01	4.87E+00	3.63E+00	2.40E-01	3.53E+00	1.73E-01	
1000	112	50	112	50	58	26	1.30E+00	3.00E-01	2.59E+00	1.68E+00	1.12E-01	1.87E+00	9.19E-02	
1000	112	50	112	50	59	26	3.70E-01	8.00E-02	5.77E-01	5.66E-01	4.25E-02	4.16E-01	2.04E-02	
1000	112	50	112	50	55	27	4.00E-01	8.00E-02	2.93E-01	6.13E-01	5.40E-02	2.03E-01	1.02E-02	
1000	112	50	112	50	56	27	2.30E+00	5.00E-01	1.89E+00	2.20E+00	1.59E-01	1.31E+00	6.51E-02	
1000	112	50	112	50	57	27	6.00E+00	1.00E+00	6.55E+00	4.48E+00	2.92E-01	4.53E+00	2.25E-01	
1000	112	50	112	50	58	27	8.00E+00	2.00E+00	9.17E+00	5.37E+00	3.50E-01	6.34E+00	3.14E-01	
1000	112	50	112	50	59	27	6.00E+00	1.00E+00	7.85E+00	4.06E+00	2.72E-01	5.41E+00	2.68E-01	
1000	112	50	112	50	60	27	1.50E+00	3.00E-01	2.61E+00	2.07E+00	1.40E-01	1.80E+00	8.89E-02	
1000	112	50	112	50	61	27	5.00E-01	1.00E-01	1.21E+00	7.59E-01	5.52E-02	8.29E-01	4.11E-02	
1000	112	50	112	50	62	27	1.60E-01	3.00E-02	2.29E-01	2.13E-01	1.94E-02	1.57E-01	7.78E-03	
1000	112	50	112	50	57	28	2.40E-01	5.00E-02	2.66E-01	4.33E-01	3.86E-02	1.76E-01	8.86E-03	
1000	112	50	112	50	58	28	1.50E+00	3.00E-01	1.90E+00	1.73E+00	1.24E-01	1.26E+00	6.33E-02	
1000	112	50	112	50	59	28	4.90E+00	1.00E+00	6.27E+00	3.94E+00	2.49E-01	4.15E+00	2.08E-01	
1000	112	50	112	50	60	28	8.00E+00	2.00E+00	1.18E+01	5.29E+00	3.35E-01	7.82E+00	3.91E-01	
1000	112	50	112	50	61	28	7.00E+00	1.00E+00	8.01E+00	4.44E+00	2.98E-01	5.30E+00	2.65E-01	
1000	112	50	112	50	62	28	2.10E+00	4.00E-01	4.84E+00	2.50E+00	1.73E-01	3.19E+00	1.60E-01	
1000	112	50	112	50	63	28	7.00E-01	1.00E-01	1.24E+00	1.00E+00	7.25E-02	8.18E-01	4.10E-02	
1000	112	50	112	50	64	28	2.50E-01	5.00E-02	4.98E-01	3.04E-01	2.55E-02	3.28E-01	1.65E-02	
1000	112	50	112	50	60	29	1.00E+00	2.00E-01	1.05E+00	1.33E+00	9.63E-02	6.71E-01	3.40E-02	
1000	112	50	112	50	61	29	3.70E+00	7.00E-01	4.51E+00	3.39E+00	2.09E-01	2.88E+00	1.46E-01	
1000	112	50	112	50	62	29	7.00E+00	1.00E+00	8.99E+00	5.10E+00	3.12E-01	5.74E+00	2.91E-01	
1000	112	50	112	50	63	29	7.00E+00	1.00E+00	1.09E+01	4.78E+00	3.16E-01	6.94E+00	3.52E-01	
1000	112	50	112	50	64	29	2.60E+00	5.00E-01	4.68E+00	2.98E+00	2.09E-01	2.98E+00	1.52E-01	
1000	112	50	112	50	65	29	1.00E+00	2.00E-01	2.52E+00	1.31E+00	9.52E-02	1.60E+00	8.16E-02	
1000	112	50	112	50	66	29	2.70E-01	6.00E-02	5.49E-01	4.30E-01	3.43E-02	3.50E-01	1.79E-02	
1000	112	50	112	50	62	30	7.00E-01	1.00E-01	9.84E-01	1.00E+00	7.55E-02	6.08E-01	3.12E-02	
1000	112	50	112	50	63	30	3.10E+00	6.00E-01	4.42E+00	2.86E+00	1.76E-01	2.74E+00	1.41E-01	
1000	112	50	112	50	64	30	7.00E+00	1.00E+00	1.08E+01	4.83E+00	2.85E-01	6.70E+00	3.45E-01	
1000	112	50	112	50	65	30	8.00E+00	2.00E+00	1.13E+01	5.06E+00	3.25E-01	7.02E+00	3.62E-01	
1000	112	50	112	50	66	30	4.40E+00	9.00E-01	8.26E+00	3.50E+00	2.44E-01	5.11E+00	2.64E-01	
1000	112	50	112	50	67	30	1.30E+00	3.00E-01	2.54E+00	1.69E+00	1.23E-01	1.58E+00	8.15E-02	
1000	112	50	112	50	68	30	5.00E-01	1.00E-01	1.13E+00	6.03E-01	4.67E-02	7.02E-01	3.64E-02	
1000	112	50	112	50	69	30	1.80E-01	4.00E-02	2.13E-01	1.66E-01	1.52E-02	1.32E-01	6.89E-03	
1000	112	50	112	50	64	31	4.30E-01	9.00E-02	5.04E-01	7.42E-01	5.99E-02	3.03E-01	1.58E-02	
1000	112	50	112	50	65	31	2.00E+00	4.00E-01	2.80E+00	2.37E+00	1.52E-01	1.69E+00	8.81E-02	
1000	112	50	112	50	66	31	5.00E+00	1.00E+00	7.52E+00	4.50E+00	2.61E-01	4.54E+00	2.37E-01	
1000	112	50	112	50	67	31	8.00E+00	2.00E+00	1.27E+01	5.28E+00	3.27E-01	7.68E+00	4.02E-01	
1000	112	50	112	50	68	31	6.00E+00	1.00E+00	7.47E+00	4.05E+00	2.78E-01	4.52E+00	2.37E-01	
1000	112	50	112	50	69	31	2.10E+00	4.00E-01	4.57E+00	2.15E+00	1.57E-01	2.77E+00	1.46E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	112	50	112	50	70	31	1.70E+00	7.00E-01	1.21E+00	8.38E-01	6.41E-02	7.35E-01	3.88E-02	
1000	112	50	112	50	71	31	2.70E-01	5.00E-02	4.77E-01	2.49E-01	2.14E-02	2.90E-01	1.53E-02	
1000	112	50	112	50	66	32	3.20E-01	6.00E-02	4.58E-01	5.39E-01	4.81E-02	2.70E-01	1.43E-02	
1000	112	50	112	50	67	32	1.50E+00	3.00E-01	2.73E+00	1.93E+00	1.34E-01	1.61E+00	8.54E-02	
1000	112	50	112	50	68	32	4.90E+00	1.00E+00	8.77E+00	4.13E+00	2.43E-01	5.19E+00	2.76E-01	
1000	112	50	112	50	69	32	8.00E+00	2.00E+00	1.27E+01	5.43E+00	3.25E-01	7.54E+00	4.02E-01	
1000	112	50	112	50	70	32	7.00E+00	1.00E+00	1.26E+01	4.64E+00	3.08E-01	7.48E+00	3.99E-01	
1000	112	50	112	50	71	32	2.10E+00	8.00E-01	4.97E+00	2.72E+00	1.96E-01	2.96E+00	1.58E-01	
1000	112	50	112	50	72	32	1.20E+00	4.00E-01	1.84E+00	1.16E+00	8.74E-02	1.10E+00	5.90E-02	
1000	112	50	112	50	73	32	3.00E-01	1.00E-01	3.68E-01	3.71E-01	3.05E-02	2.20E-01	1.18E-02	
1000	112	50	112	50	68	33	2.40E-01	5.00E-02	2.17E-01	3.85E-01	3.87E-02	1.26E-01	6.76E-03	
1000	112	50	112	50	69	33	1.00E+00	2.00E-01	1.54E+00	1.55E+00	1.21E-01	8.97E-01	4.83E-02	
1000	112	50	112	50	70	33	3.30E+00	7.00E-01	5.57E+00	3.73E+00	2.34E-01	3.25E+00	1.75E-01	
1000	112	50	112	50	71	33	8.00E+00	2.00E+00	1.21E+01	5.51E+00	3.26E-01	7.09E+00	3.83E-01	
1000	112	50	112	50	72	33	8.00E+00	2.00E+00	9.83E+00	5.26E+00	3.36E-01	5.76E+00	3.12E-01	
1000	112	50	112	50	73	33	3.90E+00	8.00E-01	6.20E+00	3.41E+00	2.39E-01	3.64E+00	1.98E-01	
1000	112	50	112	50	75	33	4.40E-01	9.00E-02	7.52E-01	5.51E-01	4.40E-02	4.44E-01	2.43E-02	
1000	112	50	112	50	76	33	1.60E-01	3.00E-02	1.30E-01	1.48E-01	1.40E-02	7.72E-02	4.24E-03	
1000	112	50	112	50	70	34	1.60E-01	3.00E-02	1.90E-01	2.70E-01	3.08E-02	1.09E-01	5.96E-03	
1000	112	50	112	50	71	34	9.00E-01	2.00E-01	1.52E+00	1.22E+00	1.10E-01	8.74E-01	4.78E-02	
1000	112	50	112	50	72	34	3.50E+00	7.00E-01	7.78E+00	3.32E+00	2.32E-01	4.49E+00	2.46E-01	
1000	112	50	112	50	73	34	7.00E+00	1.00E+00	1.36E+01	5.52E+00	3.34E-01	7.90E+00	4.34E-01	
1000	112	50	112	50	74	34	1.00E+01	2.00E+00	1.50E+01	5.89E+00	3.64E-01	8.71E+00	4.79E-01	
1000	112	50	112	50	77	34	1.90E+00	8.00E-01	8.16E-01	8.14E-01	6.34E-02	4.79E-01	2.66E-02	
1000	112	50	112	50	78	34	2.30E-01	8.00E-02	2.71E-01	2.35E-01	2.13E-02	1.59E-01	8.87E-03	
1000	112	50	112	50	73	35	3.30E-01	7.00E-02	1.17E+00	9.50E-01	9.85E-02	6.72E-01	3.72E-02	
1000	112	50	112	50	74	35	1.40E+00	3.00E-01	4.89E+00	2.91E+00	2.34E-01	2.81E+00	1.56E-01	
1000	112	50	112	50	75	35	5.00E+00	1.00E+00	1.16E+01	5.46E+00	3.54E-01	6.72E+00	3.73E-01	
1000	112	50	112	50	76	35	9.00E+00	2.00E+00	1.28E+01	6.52E+00	3.97E-01	7.42E+00	4.13E-01	
1000	112	50	112	50	78	35	2.70E+00	6.00E-01	3.46E+00	2.92E+00	2.04E-01	2.02E+00	1.13E-01	
1000	112	50	112	50	80	35	2.80E-01	6.00E-02	3.09E-01	3.71E-01	3.27E-02	1.82E-01	1.03E-02	
1000	112	50	112	50	75	36	7.00E-01	1.00E-01	1.22E+00	7.25E-01	8.63E-02	6.97E-01	3.90E-02	
1000	112	50	112	50	76	36	3.20E+00	7.00E-01	5.53E+00	2.51E+00	2.33E-01	3.18E+00	1.78E-01	
1000	112	50	112	50	77	36	7.00E+00	2.00E+00	1.25E+01	5.32E+00	3.84E-01	7.23E+00	4.07E-01	
1000	112	50	112	50	78	36	1.20E+01	2.00E+00	1.82E+01	7.14E+00	4.42E-01	1.06E+01	5.95E-01	
1000	112	50	112	50	79	36	9.00E+00	2.00E+00	1.10E+01	6.34E+00	3.93E-01	6.39E+00	3.61E-01	
1000	112	50	112	50	80	36	3.10E+00	7.00E-01	6.04E+00	3.91E+00	2.62E-01	3.53E+00	2.00E-01	
1000	112	50	112	50	81	36	1.10E+00	3.00E-01	1.72E+00	1.75E+00	1.29E-01	1.01E+00	5.73E-02	
1000	112	50	112	50	78	37	2.40E+00	5.00E-01	3.34E+00	2.13E+00	2.27E-01	1.93E+00	1.09E-01	
1000	112	50	112	50	79	37	6.00E+00	1.00E+00	9.79E+00	5.09E+00	4.16E-01	5.67E+00	3.22E-01	
1000	112	50	112	50	80	37	1.10E+01	2.00E+00	1.39E+01	7.69E+00	5.02E-01	8.11E+00	4.62E-01	
1000	112	50	112	50	81	37	9.00E+00	2.00E+00	1.31E+01	7.62E+00	4.62E-01	7.67E+00	4.38E-01	
1000	112	50	112	50	82	37	3.80E+00	8.00E-01	5.97E+00	5.18E+00	3.33E-01	3.51E+00	2.01E-01	
1000	112	50	112	50	83	37	2.00E+00	6.00E-01	2.77E+00	2.52E+00	1.83E-01	1.64E+00	9.41E-02	
1000	112	50	112	50	84	37	1.50E+00	4.00E-01	6.76E-01	9.07E-01	7.85E-02	4.02E-01	2.31E-02	
1000	112	50	112	50	85	37	1.80E-01	4.00E-02	2.08E-01	2.48E-01	2.75E-02	1.24E-01	7.18E-03	
1000	112	50	112	50	80	38	1.80E+00	4.00E-01	3.62E+00	1.76E+00	2.13E-01	2.10E+00	1.20E-01	
1000	112	50	112	50	81	38	6.00E+00	1.00E+00	1.07E+01	4.79E+00	4.42E-01	6.23E+00	3.57E-01	
1000	112	50	112	50	82	38	1.20E+01	2.00E+00	1.91E+01	8.13E+00	5.76E-01	1.12E+01	6.45E-01	
1000	112	50	112	50	83	38	1.00E+01	2.00E+00	1.57E+01	8.99E+00	5.49E-01	9.26E+00	5.33E-01	
1000	112	50	112	50	84	38	6.00E+00	1.00E+00	9.68E+00	6.75E+00	4.24E-01	5.75E+00	3.32E-01	
1000	112	50	112	50	86	38	9.00E-01	3.00E-01	1.24E+00	1.39E+00	1.22E-01	7.46E-01	4.34E-02	
1000	112	50	112	50	87	38	5.00E-01	1.00E-01	2.20E-01	4.05E-01	4.58E-02	1.33E-01	7.76E-03	
1000	112	50	112	50	82	39	1.20E+00	3.00E-01	2.08E+00	1.43E+00	1.91E-01	1.22E+00	7.06E-02	
1000	112	50	112	50	83	39	6.00E+00	2.00E+00	7.46E+00	4.39E+00	4.52E-01	4.41E+00	2.55E-01	
1000	112	50	112	50	84	39	1.00E+01	2.00E+00	1.38E+01	8.41E+00	6.51E-01	8.23E+00	4.77E-01	
1000	112	50	112	50	85	39	1.40E+01	3.00E+00	1.65E+01	1.04E+01	6.56E-01	9.88E+00	5.74E-01	
1000	112	50	112	50	86	39	2.00E+01	6.00E+00	9.29E+00	8.62E+00	5.40E-01	5.60E+00	3.26E-01	
1000	112	50	112	50	88	39	5.00E+00	2.00E+00	1.27E+00	2.09E+00	1.89E-01	7.78E-01	4.56E-02	
1000	112	50	112	50	89	39	5.00E-01	2.00E-01	4.34E-01	6.50E-01	7.59E-02	2.67E-01	1.57E-02	
1000	112	50	112	50	84	40	9.00E-01	2.00E-01	2.24E+00	1.12E+00	1.62E-01	1.34E+00	7.78E-02	
1000	112	50	112	50	85	40	4.00E+00	1.00E+00	8.39E+00	3.90E+00	4.40E-01	5.05E+00	2.94E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	112	50	112	50	86	40	1.00E+01	2.00E+00	1.79E+01	8.44E+00	7.10E-01	1.09E+01	6.35E-01	
1000	112	50	112	50	87	40	1.40E+01	3.00E+00	1.99E+01	1.17E+01	7.73E-01	1.22E+01	7.12E-01	
1000	112	50	112	50	88	40	1.00E+01	2.00E+00	1.44E+01	1.07E+01	6.87E-01	8.83E+00	5.19E-01	
1000	112	50	112	50	89	40	3.80E+00	8.00E-01	5.44E+00	6.80E+00	5.09E-01	3.36E+00	1.98E-01	
1000	112	50	112	50	87	41	6.00E+00	2.00E+00	5.45E+00	3.34E+00	4.01E-01	3.35E+00	1.97E-01	
1000	112	50	112	50	88	41	9.00E+00	2.00E+00	1.30E+01	8.18E+00	7.32E-01	8.01E+00	4.72E-01	
1000	112	50	112	50	89	41	1.50E+01	3.00E+00	1.89E+01	1.27E+01	8.82E-01	1.18E+01	6.96E-01	
1000	112	50	112	50	90	41	1.10E+01	2.00E+00	1.29E+01	1.29E+01	8.60E-01	8.07E+00	4.79E-01	
1000	112	50	112	50	91	41	5.00E+00	1.00E+00	8.09E+00	8.97E+00	7.05E-01	5.12E+00	3.04E-01	
1000	112	50	112	50	94	41	1.50E-01	4.00E-02	1.77E-01	4.01E-01	6.71E-02	1.15E-01	6.90E-03	
1000	112	50	112	50	89	42	6.00E+00	3.00E+00	6.17E+00	2.74E+00	3.39E-01	3.88E+00	2.30E-01	
1000	112	50	112	50	90	42	8.00E+00	2.00E+00	1.58E+01	7.61E+00	7.05E-01	1.00E+01	5.98E-01	
1000	112	50	112	50	91	42	1.60E+01	3.00E+00	2.10E+01	1.33E+01	9.57E-01	1.34E+01	8.01E-01	
1000	112	50	112	50	92	42	1.20E+01	2.00E+00	1.96E+01	1.50E+01	1.05E+00	1.26E+01	7.55E-01	
1000	112	50	112	50	93	42	7.00E+00	1.00E+00	8.81E+00	1.14E+01	9.59E-01	5.71E+00	3.44E-01	
1000	112	50	112	50	96	42	5.00E-01	2.00E-01	4.10E-01	6.23E-01	1.09E-01	2.73E-01	1.66E-02	
1000	112	50	112	50	92	43	7.00E+00	1.00E+00	1.11E+01	6.76E+00	6.31E-01	7.23E+00	4.37E-01	
1000	112	50	112	50	93	43	1.60E+01	3.00E+00	2.04E+01	1.33E+01	9.83E-01	1.34E+01	8.13E-01	
1000	112	50	112	50	94	43	1.70E+01	3.00E+00	1.80E+01	1.69E+01	1.24E+00	1.19E+01	7.25E-01	
1000	112	50	112	50	95	43	1.00E+01	2.00E+00	1.37E+01	1.42E+01	1.27E+00	9.14E+00	5.58E-01	
1000	112	50	112	50	98	43	8.00E-01	3.00E-01	5.92E-01	9.47E-01	1.75E-01	4.06E-01	2.51E-02	
1000	112	50	112	50	93	44	5.00E+00	2.00E+00	3.90E+00	1.58E+00	1.91E-01	2.59E+00	1.58E-01	
1000	112	50	112	50	94	44	6.00E+00	1.00E+00	1.24E+01	5.74E+00	5.29E-01	8.29E+00	5.09E-01	
1000	112	50	112	50	95	44	1.50E+01	3.00E+00	2.01E+01	1.29E+01	9.72E-01	1.36E+01	8.37E-01	
1000	112	50	112	50	96	44	1.70E+01	4.00E+00	2.56E+01	1.84E+01	1.45E+00	1.75E+01	1.08E+00	
1000	112	50	112	50	97	44	1.10E+01	2.00E+00	1.54E+01	1.71E+01	1.67E+00	1.06E+01	6.60E-01	
1000	112	50	112	50	98	44	6.00E+00	3.00E+00	1.01E+01	1.08E+01	1.33E+00	7.03E+00	4.39E-01	
1000	112	50	112	50	95	45	2.20E+00	9.00E-01	2.20E+00	1.11E+00	1.30E-01	1.51E+00	9.43E-02	
1000	112	50	112	50	96	45	4.70E+00	1.00E+00	7.37E+00	4.68E+00	4.28E-01	5.11E+00	3.20E-01	
1000	112	50	112	50	97	45	1.40E+01	3.00E+00	1.74E+01	1.21E+01	9.52E-01	1.22E+01	7.66E-01	
1000	112	50	112	50	98	45	1.80E+01	4.00E+00	2.14E+01	1.96E+01	1.67E+00	1.51E+01	9.56E-01	
1000	112	50	112	50	99	45	1.50E+01	3.00E+00	2.24E+01	2.06E+01	2.17E+00	1.60E+01	1.02E+00	
1000	112	50	112	50	100	45	8.00E+00	3.00E+00	1.17E+01	1.43E+01	1.89E+00	8.44E+00	5.39E-01	
1000	112	50	112	50	97	46	1.10E+00	4.00E-01	1.67E+00	7.38E-01	8.65E-02	1.19E+00	7.59E-02	
1000	112	50	112	50	98	46	3.90E+00	8.00E-01	6.72E+00	3.68E+00	3.49E-01	4.84E+00	3.11E-01	
1000	112	50	112	50	99	46	1.20E+01	3.00E+00	1.49E+01	1.11E+01	9.47E-01	1.08E+01	7.00E-01	
1000	112	50	112	50	100	46	1.90E+01	4.00E+00	2.60E+01	2.09E+01	1.93E+00	1.91E+01	1.24E+00	
1000	112	50	112	50	101	46	1.90E+01	4.00E+00	2.42E+01	2.48E+01	2.81E+00	1.80E+01	1.17E+00	
1000	112	50	112	50	102	46	1.20E+01	3.00E+00	2.14E+01	1.93E+01	2.72E+00	1.61E+01	1.06E+00	
1000	112	50	112	50	100	47	2.80E+00	6.00E-01	3.07E+00	2.78E+00	2.91E-01	2.30E+00	1.52E-01	
1000	112	50	112	50	101	47	1.00E+01	2.00E+00	9.83E+00	9.99E+00	9.45E-01	7.45E+00	4.95E-01	
1000	112	50	112	50	102	47	1.70E+01	3.00E+00	1.77E+01	2.19E+01	2.19E+00	1.36E+01	9.08E-01	
1000	112	50	112	50	103	47	2.70E+01	6.00E+00	2.79E+01	2.99E+01	3.55E+00	2.16E+01	1.46E+00	
1000	112	50	112	50	102	48	1.60E+00	3.00E-01	2.00E+00	1.92E+00	2.32E-01	1.56E+00	1.07E-01	
1000	112	50	112	50	103	48	7.00E+00	1.00E+00	6.51E+00	8.23E+00	8.88E-01	5.15E+00	3.55E-01	
1000	112	50	112	50	104	48	1.60E+01	3.00E+00	1.68E+01	2.11E+01	2.28E+00	1.34E+01	9.30E-01	
1000	112	50	112	50	105	48	2.90E+01	6.00E+00	2.46E+01	3.28E+01	4.07E+00	1.99E+01	1.39E+00	
1000	112	50	112	50	106	48	2.40E+01	1.00E+01	3.46E+01	3.18E+01	4.82E+00	2.83E+01	2.00E+00	
1000	112	50	112	50	104	49	8.00E-01	2.00E-01	5.29E-01	1.02E+00	1.51E-01	4.32E-01	3.08E-02	
1000	112	50	112	50	105	49	3.50E+00	7.00E-01	2.45E+00	5.05E+00	6.74E-01	2.02E+00	1.45E-01	
1000	112	50	112	50	106	49	9.00E+00	2.00E+00	7.20E+00	1.46E+01	1.88E+00	6.03E+00	4.36E-01	
1000	112	50	112	50	107	49	2.40E+01	5.00E+00	1.84E+01	2.45E+01	3.42E+00	1.56E+01	1.14E+00	
1000	112	50	112	50	108	49	2.40E+01	9.00E+00	3.19E+01	2.46E+01	4.06E+00	2.73E+01	2.01E+00	
1000	112	50	112	50	106	50	3.20E-01	7.00E-02	1.82E-01	2.64E-01	5.37E-02	1.56E-01	1.16E-02	
1000	112	50	112	50	107	50	1.10E+00	2.00E-01	1.01E+00	1.39E+00	2.64E-01	8.75E-01	6.57E-02	
1000	112	50	112	50	108	50	9.00E+00	2.00E+00	4.79E+00	4.03E+00	7.46E-01	4.21E+00	3.19E-01	
1000	112	50	112	50	109	50	2.00E+01	4.00E+00	1.72E+01	6.42E+00	1.24E+00	1.53E+01	1.17E+00	
[3]	1000	124	50	124	50	21	1.80E+01	3.00E+00	3.38E+00	1.83E+01	3.23E+00	4.55E+01	7.43E+00	
	1000	124	50	124	50	23	1.80E+01	3.00E+00	5.15E+00	1.40E+01	2.10E+00	4.98E+01	7.06E+00	
	1000	124	50	124	50	25	1.30E+01	3.00E+00	4.19E+00	1.09E+01	1.43E+00	3.01E+01	3.76E+00	
	1000	124	50	124	50	27	1.20E+01	3.00E+00	4.69E+00	8.58E+00	1.02E+00	2.57E+01	2.86E+00	
	1000	124	50	124	50	29	9.00E+00	2.00E+00	4.19E+00	6.82E+00	7.45E-01	1.81E+01	1.81E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	50	124	50	31	15	7.00E+00	1.00E+00	3.95E+00	5.43E+00	5.61E-01	1.37E+01	1.25E+00	
1000	124	50	124	50	33	16	5.00E+00	1.00E+00	3.63E+00	4.32E+00	4.29E-01	1.03E+01	8.64E-01	
1000	124	50	124	50	35	17	3.60E+00	7.00E-01	3.12E+00	3.40E+00	3.31E-01	7.37E+00	5.73E-01	
1000	124	50	124	50	37	18	2.60E+00	5.00E-01	2.68E+00	2.65E+00	2.57E-01	5.38E+00	3.90E-01	
1000	124	50	124	50	39	19	1.90E+00	4.00E-01	2.08E+00	2.04E+00	1.99E-01	3.59E+00	2.45E-01	
1000	124	50	124	50	41	20	1.70E+00	4.00E-01	1.94E+00	1.54E+00	1.53E-01	2.94E+00	1.89E-01	
1000	124	50	124	50	43	21	1.00E+00	2.00E-01	1.22E+00	1.13E+00	1.16E-01	1.63E+00	1.00E-01	
1000	124	50	124	50	45	22	7.00E-01	2.00E-01	1.17E+00	8.17E-01	8.66E-02	1.40E+00	8.26E-02	
1000	124	50	124	50	47	23	5.00E-01	1.00E-01	6.60E-01	5.75E-01	6.31E-02	7.18E-01	4.07E-02	
1000	124	50	124	50	49	24	3.60E-01	8.00E-02	6.05E-01	3.94E-01	4.47E-02	6.02E-01	3.31E-02	
1000	124	50	124	50	51	25	2.50E-01	6.00E-02	3.24E-01	2.62E-01	3.08E-02	2.98E-01	1.60E-02	
1000	124	50	124	50	22	10	1.90E+01	4.00E+00	1.74E+00	1.72E+01	2.80E+00	2.28E+01	3.68E+00	
1000	124	50	124	50	24	11	1.30E+01	3.00E+00	1.53E+00	1.48E+01	2.03E+00	1.45E+01	2.04E+00	
1000	124	50	124	50	26	12	1.50E+01	3.00E+00	2.80E+00	1.30E+01	1.53E+00	1.97E+01	2.45E+00	
1000	124	50	124	50	28	13	1.00E+01	2.00E+00	2.57E+00	1.15E+01	1.20E+00	1.39E+01	1.54E+00	
1000	124	50	124	50	30	14	1.30E+01	3.00E+00	4.38E+00	1.02E+01	9.68E-01	1.85E+01	1.86E+00	
1000	124	50	124	50	32	15	8.00E+00	2.00E+00	3.81E+00	9.12E+00	7.96E-01	1.30E+01	1.18E+00	
1000	124	50	124	50	34	16	9.00E+00	2.00E+00	6.06E+00	8.09E+00	6.63E-01	1.69E+01	1.42E+00	
1000	124	50	124	50	36	17	6.00E+00	1.00E+00	4.39E+00	7.10E+00	5.56E-01	1.03E+01	7.92E-01	
1000	124	50	124	50	38	18	6.00E+00	1.00E+00	6.26E+00	6.15E+00	4.69E-01	1.24E+01	8.93E-01	
1000	124	50	124	50	40	19	5.00E+00	1.00E+00	4.31E+00	5.23E+00	3.96E-01	7.40E+00	4.98E-01	
1000	124	50	124	50	42	20	4.50E+00	1.00E+00	5.34E+00	4.36E+00	3.34E-01	8.01E+00	5.09E-01	
1000	124	50	124	50	44	21	3.40E+00	7.00E-01	3.50E+00	3.56E+00	2.80E-01	4.65E+00	2.81E-01	
1000	124	50	124	50	46	22	3.20E+00	7.00E-01	4.01E+00	2.83E+00	2.31E-01	4.78E+00	2.77E-01	
1000	124	50	124	50	48	23	2.30E+00	5.00E-01	2.55E+00	2.19E+00	1.86E-01	2.75E+00	1.54E-01	
1000	124	50	124	50	50	24	1.90E+00	4.00E-01	2.63E+00	1.65E+00	1.47E-01	2.60E+00	1.41E-01	
1000	124	50	124	50	52	25	1.50E+00	3.00E-01	1.58E+00	1.21E+00	1.12E-01	1.44E+00	7.66E-02	
1000	124	50	124	50	54	26	1.10E+00	3.00E-01	1.55E+00	8.64E-01	8.30E-02	1.32E+00	6.87E-02	
1000	124	50	124	50	56	27	7.00E-01	2.00E-01	8.32E-01	5.99E-01	5.96E-02	6.65E-01	3.43E-02	
1000	124	50	124	50	58	28	4.40E-01	1.00E-01	7.79E-01	4.04E-01	4.15E-02	5.90E-01	3.03E-02	
1000	124	50	124	50	60	29	2.20E-01	5.00E-02	3.97E-01	2.65E-01	2.81E-02	2.86E-01	1.47E-02	
1000	124	50	124	50	23	10	8.00E+00	2.00E+00	2.97E-01	8.41E+00	1.29E+00	3.79E+00	6.09E-01	
1000	124	50	124	50	25	11	9.00E+00	2.00E+00	6.27E-01	8.18E+00	1.05E+00	5.78E+00	8.14E-01	
1000	124	50	124	50	29	13	7.00E+00	1.00E+00	1.26E+00	8.05E+00	7.82E-01	6.68E+00	7.45E-01	
1000	124	50	124	50	31	14	6.00E+00	1.00E+00	1.17E+00	8.04E+00	7.04E-01	4.88E+00	4.90E-01	
1000	124	50	124	50	33	15	7.00E+00	1.00E+00	2.34E+00	8.02E+00	6.41E-01	7.83E+00	7.15E-01	
1000	124	50	124	50	35	16	6.00E+00	1.00E+00	2.03E+00	7.94E+00	5.87E-01	5.61E+00	4.68E-01	
1000	124	50	124	50	37	17	6.00E+00	1.00E+00	3.92E+00	7.78E+00	5.37E-01	9.04E+00	6.95E-01	
1000	124	50	124	50	39	18	6.00E+00	1.00E+00	3.53E+00	7.51E+00	4.91E-01	6.94E+00	4.95E-01	
1000	124	50	124	50	41	19	6.00E+00	1.00E+00	5.29E+00	7.11E+00	4.48E-01	8.98E+00	5.98E-01	
1000	124	50	124	50	43	20	6.00E+00	1.00E+00	5.43E+00	6.60E+00	4.10E-01	8.08E+00	5.07E-01	
1000	124	50	124	50	45	21	6.00E+00	1.00E+00	6.23E+00	5.98E+00	3.74E-01	8.22E+00	4.90E-01	
1000	124	50	124	50	47	22	5.00E+00	1.00E+00	5.93E+00	5.28E+00	3.40E-01	7.02E+00	4.01E-01	
1000	124	50	124	50	49	23	5.00E+00	1.00E+00	5.83E+00	4.54E+00	3.04E-01	6.27E+00	3.45E-01	
1000	124	50	124	50	51	24	4.00E+00	1.00E+00	5.27E+00	3.80E+00	2.65E-01	5.18E+00	2.78E-01	
1000	124	50	124	50	53	25	3.90E+00	9.00E-01	4.70E+00	3.09E+00	2.26E-01	4.28E+00	2.24E-01	
1000	124	50	124	50	55	26	3.30E+00	8.00E-01	4.04E+00	2.45E+00	1.86E-01	3.42E+00	1.77E-01	
1000	124	50	124	50	57	27	2.60E+00	6.00E-01	3.17E+00	1.88E+00	1.49E-01	2.52E+00	1.29E-01	
1000	124	50	124	50	59	28	1.80E+00	4.00E-01	2.76E+00	1.41E+00	1.16E-01	2.09E+00	1.06E-01	
1000	124	50	124	50	61	29	1.20E+00	3.00E-01	1.81E+00	1.03E+00	8.74E-02	1.30E+00	6.62E-02	
1000	124	50	124	50	63	30	9.00E-01	2.00E-01	1.59E+00	7.31E-01	6.46E-02	1.10E+00	5.65E-02	
1000	124	50	124	50	65	31	5.00E-01	1.00E-01	9.02E-01	5.07E-01	4.67E-02	6.04E-01	3.12E-02	
1000	124	50	124	50	67	32	3.30E-01	7.00E-02	7.77E-01	3.44E-01	3.32E-02	5.07E-01	2.65E-02	
1000	124	50	124	50	69	33	1.90E-01	4.00E-02	3.84E-01	2.28E-01	2.33E-02	2.45E-01	1.30E-02	
1000	124	50	124	50	71	34	1.40E-01	3.00E-02	3.26E-01	1.48E-01	1.61E-02	2.05E-01	1.11E-02	
1000	124	50	124	50	30	13	2.90E+00	5.00E-01	2.33E-01	3.36E+00	3.32E-01	1.21E+00	1.35E-01	
1000	124	50	124	50	32	14	3.30E+00	6.00E-01	5.36E-01	3.75E+00	3.38E-01	2.19E+00	2.21E-01	
1000	124	50	124	50	34	15	3.20E+00	6.00E-01	4.97E-01	4.17E+00	3.46E-01	1.64E+00	1.50E-01	
1000	124	50	124	50	36	16	3.60E+00	7.00E-01	1.12E+00	4.59E+00	3.52E-01	3.05E+00	2.54E-01	
1000	124	50	124	50	38	17	3.50E+00	7.00E-01	1.07E+00	5.00E+00	3.55E-01	2.44E+00	1.87E-01	
1000	124	50	124	50	40	18	4.00E+00	8.00E-01	2.07E+00	5.36E+00	3.54E-01	4.02E+00	2.84E-01	
1000	124	50	124	50	42	19	4.20E+00	8.00E-01	2.05E+00	5.64E+00	3.50E-01	3.45E+00	2.28E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	50	124	50	44	20	5.00E+00	1.00E+00	3.52E+00	5.81E+00	3.43E-01	5.20E+00	3.23E-01	
1000	124	50	124	50	46	21	4.70E+00	1.00E+00	3.50E+00	5.84E+00	3.36E-01	4.58E+00	2.70E-01	
1000	124	50	124	50	48	22	5.00E+00	1.00E+00	5.55E+00	5.73E+00	3.27E-01	6.54E+00	3.69E-01	
1000	124	50	124	50	50	23	5.00E+00	1.00E+00	5.09E+00	5.47E+00	3.17E-01	5.44E+00	2.96E-01	
1000	124	50	124	50	52	24	5.00E+00	1.00E+00	7.50E+00	5.09E+00	3.02E-01	7.35E+00	3.89E-01	
1000	124	50	124	50	54	25	5.00E+00	1.00E+00	6.01E+00	4.60E+00	2.82E-01	5.44E+00	2.82E-01	
1000	124	50	124	50	56	26	5.00E+00	1.00E+00	7.69E+00	4.05E+00	2.57E-01	6.51E+00	3.32E-01	
1000	124	50	124	50	58	27	4.00E+00	1.00E+00	5.57E+00	3.47E+00	2.27E-01	4.43E+00	2.24E-01	
1000	124	50	124	50	60	28	3.80E+00	9.00E-01	6.45E+00	2.90E+00	1.96E-01	4.86E+00	2.45E-01	
1000	124	50	124	50	62	29	2.80E+00	7.00E-01	4.38E+00	2.36E+00	1.65E-01	3.16E+00	1.59E-01	
1000	124	50	124	50	64	30	2.50E+00	6.00E-01	4.69E+00	1.88E+00	1.36E-01	3.24E+00	1.65E-01	
1000	124	50	124	50	66	31	1.60E+00	4.00E-01	2.86E+00	1.46E+00	1.11E-01	1.92E+00	9.86E-02	
1000	124	50	124	50	68	32	1.20E+00	3.00E-01	2.91E+00	1.11E+00	8.87E-02	1.90E+00	9.90E-02	
1000	124	50	124	50	70	33	7.00E-01	2.00E-01	1.59E+00	8.28E-01	7.02E-02	1.02E+00	5.39E-02	
1000	124	50	124	50	72	34	5.00E-01	1.00E-01	2.01E+00	6.04E-01	5.49E-02	1.27E+00	6.83E-02	
1000	124	50	124	50	74	35	1.50E-01	6.00E-02	1.07E+00	4.33E-01	4.23E-02	6.63E-01	3.65E-02	
1000	124	50	124	50	29	12	9.00E-01	3.00E-01	3.18E-02	7.84E-01	9.78E-02	2.10E-01	2.64E-02	
1000	124	50	124	50	33	14	1.40E+00	2.00E-01	8.02E-02	1.19E+00	1.27E-01	3.23E-01	3.27E-02	
1000	124	50	124	50	35	15	1.90E+00	3.00E-01	2.31E-01	1.46E+00	1.45E-01	7.53E-01	6.89E-02	
1000	124	50	124	50	37	16	1.60E+00	3.00E-01	2.22E-01	1.78E+00	1.65E-01	5.96E-01	4.97E-02	
1000	124	50	124	50	39	17	2.00E+00	4.00E-01	4.99E-01	2.13E+00	1.83E-01	1.12E+00	8.58E-02	
1000	124	50	124	50	41	18	2.10E+00	4.00E-01	5.25E-01	2.52E+00	2.00E-01	1.01E+00	7.12E-02	
1000	124	50	124	50	43	19	2.60E+00	5.00E-01	1.06E+00	2.92E+00	2.14E-01	1.77E+00	1.16E-01	
1000	124	50	124	50	45	20	2.60E+00	6.00E-01	1.12E+00	3.32E+00	2.26E-01	1.64E+00	1.01E-01	
1000	124	50	124	50	47	21	3.00E+00	6.00E-01	2.08E+00	3.69E+00	2.35E-01	2.71E+00	1.58E-01	
1000	124	50	124	50	49	22	3.30E+00	7.00E-01	2.13E+00	3.99E+00	2.43E-01	2.49E+00	1.39E-01	
1000	124	50	124	50	51	23	3.60E+00	8.00E-01	3.73E+00	4.21E+00	2.49E-01	3.96E+00	2.13E-01	
1000	124	50	124	50	53	24	3.50E+00	8.00E-01	3.61E+00	4.33E+00	2.52E-01	3.52E+00	1.84E-01	
1000	124	50	124	50	55	25	3.90E+00	9.00E-01	6.04E+00	4.34E+00	2.51E-01	5.45E+00	2.79E-01	
1000	124	50	124	50	57	26	3.80E+00	9.00E-01	5.44E+00	4.24E+00	2.47E-01	4.59E+00	2.32E-01	
1000	124	50	124	50	59	27	4.00E+00	1.00E+00	7.96E+00	4.04E+00	2.38E-01	6.32E+00	3.16E-01	
1000	124	50	124	50	61	28	4.00E+00	1.00E+00	7.04E+00	3.76E+00	2.25E-01	5.30E+00	2.65E-01	
1000	124	50	124	50	63	29	4.00E+00	1.00E+00	8.00E+00	3.41E+00	2.09E-01	5.76E+00	2.89E-01	
1000	124	50	124	50	65	30	3.80E+00	1.00E+00	6.96E+00	3.03E+00	1.91E-01	4.82E+00	2.44E-01	
1000	124	50	124	50	67	31	3.10E+00	8.00E-01	6.66E+00	2.64E+00	1.72E-01	4.46E+00	2.28E-01	
1000	124	50	124	50	69	32	2.50E+00	7.00E-01	5.74E+00	2.26E+00	1.54E-01	3.74E+00	1.95E-01	
1000	124	50	124	50	71	33	1.80E+00	5.00E-01	4.65E+00	1.89E+00	1.37E-01	2.98E+00	1.58E-01	
1000	124	50	124	50	73	34	1.20E+00	3.00E-01	4.87E+00	1.56E+00	1.21E-01	3.07E+00	1.66E-01	
1000	124	50	124	50	75	35	6.00E-01	1.00E-01	3.48E+00	1.26E+00	1.06E-01	2.17E+00	1.20E-01	
1000	124	50	124	50	36	15	6.90E-01	8.00E-02	3.35E-02	3.91E-01	5.17E-02	1.08E-01	9.88E-03	
1000	124	50	124	50	38	16	8.00E-01	1.00E-01	8.68E-02	5.19E-01	6.38E-02	2.30E-01	1.92E-02	
1000	124	50	124	50	40	17	1.00E+00	2.00E-01	9.91E-02	6.81E-01	7.73E-02	2.21E-01	1.68E-02	
1000	124	50	124	50	42	18	1.10E+00	2.00E-01	2.19E-01	8.78E-01	9.16E-02	4.18E-01	2.93E-02	
1000	124	50	124	50	44	19	1.30E+00	2.00E-01	2.59E-01	1.11E+00	1.06E-01	4.27E-01	2.79E-02	
1000	124	50	124	50	46	20	1.50E+00	3.00E-01	5.32E-01	1.38E+00	1.21E-01	7.72E-01	4.72E-02	
1000	124	50	124	50	48	21	1.60E+00	3.00E-01	5.80E-01	1.67E+00	1.34E-01	7.49E-01	4.33E-02	
1000	124	50	124	50	50	22	1.60E+00	4.00E-01	1.19E+00	1.98E+00	1.47E-01	1.38E+00	7.61E-02	
1000	124	50	124	50	52	23	1.70E+00	4.00E-01	1.25E+00	2.29E+00	1.58E-01	1.32E+00	7.04E-02	
1000	124	50	124	50	54	24	2.10E+00	4.00E-01	2.37E+00	2.59E+00	1.68E-01	2.30E+00	1.19E-01	
1000	124	50	124	50	56	25	2.10E+00	5.00E-01	2.36E+00	2.85E+00	1.77E-01	2.12E+00	1.08E-01	
1000	124	50	124	50	58	26	2.60E+00	6.00E-01	4.28E+00	3.07E+00	1.84E-01	3.60E+00	1.80E-01	
1000	124	50	124	50	60	27	2.80E+00	6.00E-01	4.00E+00	3.22E+00	1.88E-01	3.17E+00	1.57E-01	
1000	124	50	124	50	62	28	3.40E+00	8.00E-01	6.80E+00	3.32E+00	1.91E-01	5.11E+00	2.53E-01	
1000	124	50	124	50	64	29	3.40E+00	8.00E-01	5.95E+00	3.34E+00	1.92E-01	4.28E+00	2.13E-01	
1000	124	50	124	50	66	30	3.80E+00	1.00E+00	9.32E+00	3.30E+00	1.92E-01	6.45E+00	3.25E-01	
1000	124	50	124	50	68	31	3.50E+00	9.00E-01	7.15E+00	3.20E+00	1.90E-01	4.79E+00	2.45E-01	
1000	124	50	124	50	70	32	3.60E+00	9.00E-01	9.86E+00	3.06E+00	1.88E-01	6.45E+00	3.35E-01	
1000	124	50	124	50	72	33	2.80E+00	7.00E-01	7.31E+00	2.87E+00	1.86E-01	4.69E+00	2.48E-01	
1000	124	50	124	50	74	34	2.30E+00	6.00E-01	9.12E+00	2.65E+00	1.83E-01	5.77E+00	3.11E-01	
1000	124	50	124	50	76	35	1.30E+00	3.00E-01	6.31E+00	2.41E+00	1.80E-01	3.95E+00	2.18E-01	
1000	124	50	124	50	43	18	3.90E-01	6.00E-02	4.37E-02	2.51E-01	3.52E-02	8.24E-02	5.77E-03	
1000	124	50	124	50	45	19	6.00E-01	1.00E-01	1.01E-01	3.43E-01	4.37E-02	1.65E-01	1.07E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	50	124	50	47	20	5.90E-01	8.00E-02	1.17E-01	4.59E-01	5.31E-02	1.68E-01	1.02E-02	
1000	124	50	124	50	49	21	6.00E-01	1.00E-01	2.70E-01	6.02E-01	6.30E-02	3.46E-01	1.99E-02	
1000	124	50	124	50	51	22	6.00E-01	1.00E-01	3.10E-01	7.72E-01	7.31E-02	3.58E-01	1.96E-02	
1000	124	50	124	50	53	23	9.00E-01	2.00E-01	6.50E-01	9.68E-01	8.32E-02	6.82E-01	3.60E-02	
1000	124	50	124	50	55	24	9.00E-01	2.00E-01	7.20E-01	1.19E+00	9.31E-02	6.95E-01	3.56E-02	
1000	124	50	124	50	57	25	1.20E+00	3.00E-01	1.44E+00	1.42E+00	1.03E-01	1.29E+00	6.49E-02	
1000	124	50	124	50	59	26	1.30E+00	3.00E-01	1.49E+00	1.67E+00	1.12E-01	1.25E+00	6.18E-02	
1000	124	50	124	50	61	27	1.70E+00	4.00E-01	2.91E+00	1.92E+00	1.21E-01	2.30E+00	1.13E-01	
1000	124	50	124	50	63	28	2.00E+00	4.00E-01	2.77E+00	2.16E+00	1.29E-01	2.08E+00	1.02E-01	
1000	124	50	124	50	65	29	2.40E+00	5.00E-01	5.16E+00	2.40E+00	1.39E-01	3.70E+00	1.84E-01	
1000	124	50	124	50	67	30	2.70E+00	6.00E-01	4.73E+00	2.61E+00	1.48E-01	3.27E+00	1.64E-01	
1000	124	50	124	50	69	31	2.90E+00	7.00E-01	7.63E+00	2.80E+00	1.59E-01	5.11E+00	2.60E-01	
1000	124	50	124	50	71	32	2.90E+00	7.00E-01	7.33E+00	2.96E+00	1.72E-01	4.80E+00	2.49E-01	
1000	124	50	124	50	73	33	3.10E+00	7.00E-01	9.13E+00	3.09E+00	1.87E-01	5.86E+00	3.10E-01	
1000	124	50	124	50	75	34	2.60E+00	6.00E-01	8.88E+00	3.18E+00	2.03E-01	5.63E+00	3.04E-01	
1000	124	50	124	50	77	35	2.00E+00	5.00E-01	9.87E+00	3.24E+00	2.20E-01	6.20E+00	3.43E-01	
1000	124	50	124	50	52	22	2.70E-01	4.00E-02	1.31E-01	2.57E-01	3.13E-02	1.50E-01	8.16E-03	
1000	124	50	124	50	54	23	3.10E-01	6.00E-02	1.64E-01	3.45E-01	3.76E-02	1.71E-01	8.96E-03	
1000	124	50	124	50	56	24	4.50E-01	8.00E-02	3.52E-01	4.54E-01	4.43E-02	3.38E-01	1.72E-02	
1000	124	50	124	50	58	25	6.00E-01	1.00E-01	4.08E-01	5.86E-01	5.13E-02	3.64E-01	1.81E-02	
1000	124	50	124	50	60	26	7.00E-01	2.00E-01	8.71E-01	7.42E-01	5.85E-02	7.27E-01	3.58E-02	
1000	124	50	124	50	62	27	9.00E-01	2.00E-01	9.25E-01	9.22E-01	6.59E-02	7.29E-01	3.56E-02	
1000	124	50	124	50	64	28	1.10E+00	2.00E-01	1.89E+00	1.13E+00	7.40E-02	1.41E+00	6.93E-02	
1000	124	50	124	50	66	29	1.40E+00	3.00E-01	1.93E+00	1.36E+00	8.32E-02	1.38E+00	6.82E-02	
1000	124	50	124	50	68	30	1.70E+00	4.00E-01	3.65E+00	1.61E+00	9.41E-02	2.52E+00	1.26E-01	
1000	124	50	124	50	70	31	2.00E+00	4.00E-01	3.55E+00	1.89E+00	1.08E-01	2.38E+00	1.21E-01	
1000	124	50	124	50	72	32	2.20E+00	5.00E-01	5.54E+00	2.20E+00	1.25E-01	3.63E+00	1.88E-01	
1000	124	50	124	50	74	33	2.40E+00	5.00E-01	5.09E+00	2.52E+00	1.47E-01	3.27E+00	1.73E-01	
1000	124	50	124	50	76	34	2.40E+00	5.00E-01	8.48E+00	2.87E+00	1.75E-01	5.39E+00	2.91E-01	
1000	124	50	124	50	78	35	1.90E+00	4.00E-01	7.44E+00	3.23E+00	2.07E-01	4.69E+00	2.59E-01	
1000	124	50	124	50	63	27	4.20E-01	1.00E-01	5.24E-01	3.81E-01	3.21E-02	4.11E-01	2.00E-02	
1000	124	50	124	50	65	28	6.00E-01	1.00E-01	5.66E-01	5.00E-01	3.76E-02	4.23E-01	2.06E-02	
1000	124	50	124	50	67	29	8.00E-01	2.00E-01	1.23E+00	6.48E-01	4.40E-02	8.77E-01	4.31E-02	
1000	124	50	124	50	69	30	1.00E+00	2.00E-01	1.28E+00	8.30E-01	5.20E-02	8.83E-01	4.40E-02	
1000	124	50	124	50	71	31	1.30E+00	2.00E-01	2.63E+00	1.05E+00	6.26E-02	1.76E+00	8.92E-02	
1000	124	50	124	50	73	32	1.50E+00	2.00E-01	2.16E+00	1.33E+00	7.71E-02	1.41E+00	7.31E-02	
1000	124	50	124	50	75	33	1.80E+00	3.00E-01	4.05E+00	1.66E+00	9.70E-02	2.61E+00	1.38E-01	
1000	124	50	124	50	77	34	1.90E+00	4.00E-01	4.00E+00	2.06E+00	1.24E-01	2.55E+00	1.38E-01	
1000	124	50	124	50	79	35	1.90E+00	5.00E-01	6.57E+00	2.55E+00	1.59E-01	4.16E+00	2.31E-01	
1000	124	50	124	50	81	36	5.00E+00	1.00E+00	6.73E+00	3.12E+00	2.04E-01	4.25E+00	2.41E-01	
1000	124	50	124	50	66	28	2.00E-01	4.00E-02	3.08E-01	1.98E-01	1.75E-02	2.30E-01	1.11E-02	
1000	124	50	124	50	68	29	3.10E-01	7.00E-02	3.45E-01	2.73E-01	2.13E-02	2.47E-01	1.21E-02	
1000	124	50	124	50	70	30	4.30E-01	9.00E-02	8.03E-01	3.73E-01	2.62E-02	5.55E-01	2.75E-02	
1000	124	50	124	50	72	31	7.00E-01	1.00E-01	6.87E-01	5.08E-01	3.28E-02	4.61E-01	2.33E-02	
1000	124	50	124	50	74	32	9.00E-01	3.00E-01	1.44E+00	6.88E-01	4.22E-02	9.48E-01	4.90E-02	
1000	124	50	124	50	76	33	1.20E+00	2.00E-01	1.51E+00	9.27E-01	5.60E-02	9.77E-01	5.17E-02	
1000	124	50	124	50	78	34	1.60E+00	3.00E-01	2.90E+00	1.24E+00	7.58E-02	1.85E+00	1.00E-01	
1000	124	50	124	50	80	35	1.80E+00	4.00E-01	3.04E+00	1.66E+00	1.04E-01	1.93E+00	1.07E-01	
1000	124	50	124	50	82	36	3.00E+00	1.00E+00	5.25E+00	2.21E+00	1.43E-01	3.33E+00	1.90E-01	
1000	124	50	124	50	84	37	4.00E+00	1.00E+00	5.40E+00	2.92E+00	1.95E-01	3.44E+00	2.01E-01	
1000	124	50	124	50	86	38	5.00E+00	1.00E+00	8.82E+00	3.81E+00	2.65E-01	5.66E+00	3.38E-01	
1000	124	50	124	50	88	39	9.00E+00	1.00E+00	7.96E+00	4.90E+00	3.54E-01	5.18E+00	3.17E-01	
1000	124	50	124	50	90	40	6.00E+00	2.00E+00	1.24E+01	6.16E+00	4.67E-01	8.21E+00	5.14E-01	
1000	124	50	124	50	92	41	1.04E+01	3.00E-01	1.08E+01	7.50E+00	6.02E-01	7.31E+00	4.68E-01	
1000	124	50	124	50	71	30	1.40E-01	6.00E-02	2.12E-01	1.52E-01	1.23E-02	1.46E-01	7.24E-03	
1000	124	50	124	50	73	31	2.80E-01	7.00E-02	3.97E-01	2.19E-01	1.60E-02	2.66E-01	1.35E-02	
1000	124	50	124	50	75	32	4.20E-01	9.00E-02	4.36E-01	3.16E-01	2.13E-02	2.86E-01	1.48E-02	
1000	124	50	124	50	77	33	6.00E-01	1.00E-01	9.61E-01	4.54E-01	2.94E-02	6.22E-01	3.29E-02	
1000	124	50	124	50	79	34	9.00E-01	2.00E-01	1.03E+00	6.52E-01	4.18E-02	6.62E-01	3.60E-02	
1000	124	50	124	50	81	35	1.20E+00	2.00E-01	2.10E+00	9.36E-01	6.03E-02	1.34E+00	7.45E-02	
1000	124	50	124	50	83	36	1.80E+00	3.00E-01	2.27E+00	1.34E+00	8.76E-02	1.45E+00	8.27E-02	
1000	124	50	124	50	85	37	2.40E+00	5.00E-01	4.27E+00	1.91E+00	1.27E-01	2.73E+00	1.60E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	50	124	50	87	38	3.00E+00	7.00E-01	4.14E+00	2.69E+00	1.82E-01	2.67E+00	1.60E-01	
1000	124	50	124	50	89	39	4.00E+00	1.00E+00	7.43E+00	3.75E+00	2.59E-01	4.86E+00	2.99E-01	
1000	124	50	124	50	91	40	5.00E+00	2.00E+00	7.49E+00	5.11E+00	3.65E-01	4.98E+00	3.14E-01	
1000	124	50	124	50	93	41	5.00E+00	2.00E+00	1.14E+01	6.77E+00	5.04E-01	7.74E+00	4.99E-01	
1000	124	50	124	50	95	42	9.00E+00	1.00E+00	1.05E+01	8.61E+00	6.78E-01	7.29E+00	4.81E-01	
1000	124	50	124	50	97	43	9.00E+00	2.00E+00	1.49E+01	1.04E+01	8.77E-01	1.07E+01	7.26E-01	
1000	124	50	124	50	99	44	6.00E+00	1.00E+00	1.17E+01	1.17E+01	1.08E+00	8.64E+00	6.02E-01	
1000	124	50	124	50	76	32	1.50E-01	6.00E-02	2.36E-01	1.32E-01	1.01E-02	1.55E-01	8.02E-03	
1000	124	50	124	50	78	33	2.20E-01	9.00E-02	2.86E-01	2.01E-01	1.44E-02	1.85E-01	9.82E-03	
1000	124	50	124	50	80	34	3.80E-01	8.00E-02	6.17E-01	3.05E-01	2.12E-02	3.96E-01	2.16E-02	
1000	124	50	124	50	82	35	5.00E-01	1.00E-01	7.50E-01	4.66E-01	3.19E-02	4.79E-01	2.68E-02	
1000	124	50	124	50	84	36	9.00E-01	2.00E-01	1.51E+00	7.10E-01	4.84E-02	9.64E-01	5.54E-02	
1000	124	50	124	50	86	37	1.20E+00	2.00E-01	1.63E+00	1.08E+00	7.34E-02	1.05E+00	6.16E-02	
1000	124	50	124	50	88	38	1.50E+00	3.00E-01	3.27E+00	1.63E+00	1.11E-01	2.12E+00	1.28E-01	
1000	124	50	124	50	90	39	2.10E+00	4.00E-01	3.62E+00	2.44E+00	1.65E-01	2.38E+00	1.47E-01	
1000	124	50	124	50	92	40	2.80E+00	6.00E-01	6.13E+00	3.58E+00	2.45E-01	4.11E+00	2.61E-01	
1000	124	50	124	50	94	41	3.60E+00	1.00E+00	6.43E+00	5.11E+00	3.58E-01	4.40E+00	2.86E-01	
1000	124	50	124	50	96	42	5.00E+00	1.00E+00	1.06E+01	7.02E+00	5.14E-01	7.42E+00	4.94E-01	
1000	124	50	124	50	98	43	6.00E+00	3.00E+00	9.82E+00	9.19E+00	7.13E-01	7.10E+00	4.86E-01	
1000	124	50	124	50	100	44	8.00E+00	1.00E+00	1.50E+01	1.13E+01	9.42E-01	1.12E+01	7.86E-01	
1000	124	50	124	50	102	45	1.10E+01	3.00E+00	1.25E+01	1.29E+01	1.17E+00	9.68E+00	7.02E-01	
1000	124	50	124	50	104	46	1.50E+01	6.00E+00	1.58E+01	1.35E+01	1.37E+00	1.27E+01	9.52E-01	
1000	124	50	124	50	106	47	1.00E+01	3.00E+00	1.06E+01	1.28E+01	1.49E+00	8.84E+00	6.87E-01	
1000	124	50	124	50	85	36	3.60E-01	6.00E-02	4.94E-01	3.36E-01	2.46E-02	3.17E-01	1.83E-02	
1000	124	50	124	50	87	37	5.10E-01	9.00E-02	1.08E+00	5.42E-01	3.87E-02	6.97E-01	4.13E-02	
1000	124	50	124	50	89	38	8.00E-01	1.00E-01	1.34E+00	8.69E-01	6.06E-02	8.72E-01	5.30E-02	
1000	124	50	124	50	91	39	1.10E+00	2.00E-01	2.48E+00	1.38E+00	9.43E-02	1.64E+00	1.02E-01	
1000	124	50	124	50	93	40	1.70E+00	3.00E-01	2.91E+00	2.16E+00	1.46E-01	1.96E+00	1.25E-01	
1000	124	50	124	50	95	41	2.70E+00	5.00E-01	5.28E+00	3.29E+00	2.24E-01	3.64E+00	2.39E-01	
1000	124	50	124	50	97	42	3.80E+00	7.00E-01	5.51E+00	4.85E+00	3.40E-01	3.90E+00	2.62E-01	
1000	124	50	124	50	99	43	5.00E+00	1.00E+00	9.70E+00	6.82E+00	5.02E-01	7.08E+00	4.88E-01	
1000	124	50	124	50	101	44	7.00E+00	1.00E+00	9.24E+00	9.08E+00	7.06E-01	6.96E+00	4.95E-01	
1000	124	50	124	50	103	45	8.00E+00	2.00E+00	1.51E+01	1.13E+01	9.37E-01	1.18E+01	8.64E-01	
1000	124	50	124	50	105	46	1.00E+01	4.00E+00	1.29E+01	1.32E+01	1.18E+00	1.05E+01	7.94E-01	
1000	124	50	124	50	107	47	1.10E+01	2.00E+00	1.69E+01	1.41E+01	1.40E+00	1.43E+01	1.12E+00	
1000	124	50	124	50	109	48	1.20E+01	5.00E+00	1.07E+01	1.34E+01	1.53E+00	9.42E+00	7.70E-01	
1000	124	50	124	50	111	49	1.20E+01	3.00E+00	8.37E+00	1.03E+01	1.39E+00	7.72E+00	6.59E-01	
1000	124	50	124	50	113	50	6.00E+00	2.00E+00	2.88E+00	5.03E+00	8.17E-01	2.78E+00	2.48E-01	
1000	124	50	124	50	88	37	1.90E-01	4.00E-02	3.77E-01	2.43E-01	1.89E-02	2.44E-01	1.45E-02	
1000	124	50	124	50	90	38	3.20E-01	6.00E-02	7.71E-01	4.10E-01	3.07E-02	5.05E-01	3.09E-02	
1000	124	50	124	50	92	39	5.30E-01	1.00E-01	1.02E+00	6.88E-01	4.95E-02	6.78E-01	4.25E-02	
1000	124	50	124	50	94	40	9.00E-01	2.00E-01	1.97E+00	1.14E+00	7.98E-02	1.34E+00	8.60E-02	
1000	124	50	124	50	96	41	1.50E+00	3.00E-01	2.36E+00	1.84E+00	1.29E-01	1.64E+00	1.08E-01	
1000	124	50	124	50	98	42	2.40E+00	4.00E-01	4.54E+00	2.88E+00	2.06E-01	3.24E+00	2.20E-01	
1000	124	50	124	50	100	43	3.60E+00	6.00E-01	4.83E+00	4.32E+00	3.23E-01	3.55E+00	2.47E-01	
1000	124	50	124	50	102	44	5.50E+00	9.00E-01	9.06E+00	6.19E+00	4.82E-01	6.89E+00	4.94E-01	
1000	124	50	124	50	104	45	8.00E+00	1.00E+00	9.19E+00	8.38E+00	6.78E-01	7.25E+00	5.37E-01	
1000	124	50	124	50	106	46	1.10E+01	2.00E+00	1.58E+01	1.07E+01	9.01E-01	1.29E+01	9.91E-01	
1000	124	50	124	50	108	47	1.20E+01	2.00E+00	1.36E+01	1.28E+01	1.15E+00	1.16E+01	9.23E-01	
1000	124	50	124	50	110	48	1.20E+01	4.00E+00	1.71E+01	1.39E+01	1.41E+00	1.52E+01	1.26E+00	
1000	124	50	124	50	112	49	1.00E+01	2.00E+00	9.46E+00	1.23E+01	1.50E+00	8.81E+00	7.61E-01	
1000	124	50	124	50	114	50	6.00E+00	1.00E+00	5.92E+00	6.67E+00	1.02E+00	5.77E+00	5.21E-01	
1000	124	50	124	50	93	39	2.30E-01	4.00E-02	5.82E-01	3.03E-01	2.42E-02	3.89E-01	2.46E-02	
1000	124	50	124	50	95	40	4.40E-01	8.00E-02	7.52E-01	5.26E-01	4.08E-02	5.13E-01	3.33E-02	
1000	124	50	124	50	97	41	8.00E-01	1.00E-01	1.67E+00	8.95E-01	6.92E-02	1.17E+00	7.77E-02	
1000	124	50	124	50	99	42	1.30E+00	2.00E-01	1.89E+00	1.48E+00	1.18E-01	1.36E+00	9.31E-02	
1000	124	50	124	50	101	43	2.40E+00	4.00E-01	4.07E+00	2.36E+00	1.96E-01	3.02E+00	2.12E-01	
1000	124	50	124	50	103	44	3.70E+00	7.00E-01	4.47E+00	3.60E+00	3.12E-01	3.43E+00	2.49E-01	
1000	124	50	124	50	105	45	5.90E+00	8.00E-01	9.32E+00	5.27E+00	4.71E-01	7.42E+00	5.56E-01	
1000	124	50	124	50	107	46	8.00E+00	1.00E+00	9.81E+00	7.39E+00	6.75E-01	8.12E+00	6.29E-01	
1000	124	50	124	50	109	47	1.20E+01	1.00E+00	1.71E+01	9.86E+00	9.41E-01	1.48E+01	1.19E+00	
1000	124	50	124	50	111	48	1.50E+01	6.00E+00	1.45E+01	1.21E+01	1.29E+00	1.30E+01	1.09E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	1000	124	50	124	50	113	49	1.60E+01	2.00E+00	1.60E+01	1.21E+01	1.58E+00	1.50E+01	1.31E+00
	1000	124	50	124	50	115	50	1.10E+01	2.00E+00	6.71E+00	7.21E+00	1.21E+00	6.58E+00	6.01E-01
	1000	124	50	124	50	96	40	1.80E-01	3.00E-02	4.58E-01	2.13E-01	1.92E-02	3.15E-01	2.06E-02
	1000	124	50	124	50	98	41	3.40E-01	6.00E-02	5.89E-01	3.80E-01	3.45E-02	4.15E-01	2.79E-02
	1000	124	50	124	50	100	42	7.00E-01	1.00E-01	1.36E+00	6.59E-01	6.20E-02	9.85E-01	6.80E-02
	1000	124	50	124	50	102	43	1.30E+00	3.00E-01	1.68E+00	1.11E+00	1.10E-01	1.25E+00	8.91E-02
	1000	124	50	124	50	104	44	2.30E+00	4.00E-01	3.93E+00	1.80E+00	1.88E-01	3.04E+00	2.23E-01
	1000	124	50	124	50	106	45	4.00E+00	5.00E-01	4.77E+00	2.84E+00	3.08E-01	3.83E+00	2.90E-01
	1000	124	50	124	50	108	46	7.00E+00	1.00E+00	1.03E+01	4.34E+00	4.88E-01	8.64E+00	6.78E-01
	1000	124	50	124	50	110	47	1.10E+01	3.00E+00	1.14E+01	6.43E+00	7.65E-01	9.92E+00	8.08E-01
	1000	124	50	124	50	112	48	1.50E+01	6.00E+00	1.93E+01	8.92E+00	1.19E+00	1.75E+01	1.48E+00
	1000	124	50	124	50	114	49	1.50E+01	3.00E+00	1.46E+01	1.00E+01	1.63E+00	1.38E+01	1.22E+00
	1000	124	50	124	50	116	50	1.20E+01	5.00E+00	1.23E+01	6.36E+00	1.31E+00	1.21E+01	1.12E+00
[4]	1000	136	54	9	4	108	40	6.05E-08	2.24E-08	3.73E-08	1.03E-07	2.20E-08	4.29E-08	2.54E-09
	1000	136	54	9	4	110	41	2.51E-07	5.10E-08	1.08E-07	4.42E-07	8.16E-08	1.22E-07	7.10E-09
	1000	136	54	9	4	111	41	4.08E-08	1.72E-08	2.63E-08	1.01E-07	1.87E-08	2.99E-08	1.74E-09
	1000	136	54	9	4	113	42	2.59E-07	5.10E-08	8.86E-08	4.36E-07	6.86E-08	9.96E-08	5.73E-09
	1000	136	54	9	4	115	43	3.43E-06	4.50E-07	7.57E-07	1.81E-06	2.40E-07	8.43E-07	4.81E-08
	1000	136	54	9	4	116	43	2.23E-07	4.60E-08	1.01E-07	3.68E-07	4.97E-08	1.13E-07	6.46E-09
	1000	136	54	9	4	117	43	5.28E-08	2.08E-08	3.03E-08	6.16E-08	8.79E-09	3.39E-08	1.94E-09
	1000	136	54	9	4	118	44	1.42E-06	1.80E-07	1.01E-06	1.50E-06	1.70E-07	1.12E-06	6.34E-08
	1000	136	54	9	4	119	44	2.72E-07	5.20E-08	1.46E-07	2.56E-07	3.11E-08	1.62E-07	9.23E-09
	1000	136	54	9	4	117	45	1.36E-04	3.20E-05	2.63E-04	3.57E-04	3.53E-05	2.88E-04	1.61E-05
	1000	136	54	9	4	118	45	5.26E-05	6.30E-06	5.37E-05	1.07E-04	1.01E-05	5.89E-05	3.31E-06
	1000	136	54	9	4	119	45	1.86E-05	2.20E-06	2.42E-05	2.72E-05	2.54E-06	2.66E-05	1.50E-06
	1000	136	54	9	4	120	45	5.36E-06	6.20E-07	4.32E-06	5.82E-06	5.64E-07	4.75E-06	2.68E-07
	1000	136	54	9	4	121	45	1.49E-06	1.90E-07	1.51E-06	1.02E-06	1.08E-07	1.66E-06	9.42E-08
	1000	136	54	9	4	122	45	2.05E-07	4.70E-08	2.06E-07	1.45E-07	1.72E-08	2.27E-07	1.29E-08
	1000	136	54	9	4	119	46	6.61E-04	1.98E-04	7.56E-04	1.22E-03	1.04E-04	8.24E-04	4.58E-05
	1000	136	54	9	4	120	46	2.67E-04	5.30E-05	3.94E-04	3.76E-04	3.07E-05	4.30E-04	2.40E-05
	1000	136	54	9	4	121	46	9.92E-05	1.20E-06	8.46E-05	9.92E-05	8.11E-06	9.25E-05	5.18E-06
	1000	136	54	9	4	122	46	2.96E-05	2.00E-06	3.41E-05	2.19E-05	1.89E-06	3.73E-05	2.10E-06
	1000	136	54	9	4	123	46	6.25E-06	7.20E-07	5.59E-06	3.98E-06	3.78E-07	6.12E-06	3.45E-07
	1000	136	54	9	4	124	46	1.34E-06	7.20E-07	1.57E-06	5.80E-07	6.31E-08	1.72E-06	9.73E-08
	1000	136	54	9	4	125	46	9.38E-08	2.71E-08	1.66E-07	6.65E-08	8.48E-09	1.81E-07	1.03E-08
	1000	136	54	9	4	122	47	9.28E-04	2.32E-04	1.19E-03	1.30E-03	9.66E-05	1.29E-03	7.18E-05
	1000	136	54	9	4	123	47	3.46E-04	4.10E-05	5.63E-04	3.57E-04	2.70E-05	6.13E-04	3.42E-05
	1000	136	54	9	4	124	47	9.61E-05	1.10E-06	1.12E-04	8.25E-05	6.64E-06	1.21E-04	6.79E-06
	1000	136	54	9	4	125	47	2.73E-05	3.30E-06	3.61E-05	1.56E-05	1.40E-06	3.92E-05	2.21E-06
	1000	136	54	9	4	126	47	5.47E-06	6.30E-07	4.44E-06	2.37E-06	2.44E-07	4.81E-06	2.72E-07
	1000	136	54	9	4	127	47	8.19E-08	1.16E-08	8.37E-07	2.83E-07	3.43E-08	9.03E-07	5.15E-08
	1000	136	54	9	4	128	47	6.77E-08	2.17E-08	3.83E-08	2.59E-08	3.74E-09	4.11E-08	2.37E-09
	1000	136	54	9	4	115	48	1.78E+00	2.00E-01	1.49E+00	1.79E+00	2.49E-01	1.56E+00	8.46E-02
	1000	136	54	9	4	116	48	1.18E+00	1.30E-01	1.33E+00	1.23E+00	1.56E-01	1.41E+00	7.61E-02
	1000	136	54	9	4	117	48	8.30E-01	1.00E-01	5.86E-01	8.07E-01	9.30E-02	6.21E-01	3.37E-02
	1000	136	54	9	4	118	48	4.40E-01	5.00E-02	4.96E-01	5.00E-01	5.25E-02	5.28E-01	2.87E-02
	1000	136	54	9	4	119	48	2.90E-01	4.00E-02	2.01E-01	2.90E-01	2.78E-02	2.15E-01	1.17E-02
	1000	136	54	9	4	121	48	8.03E-02	4.00E-03	5.68E-02	7.64E-02	6.19E-03	6.11E-02	3.35E-03
	1000	136	54	9	4	123	48	1.29E-02	3.90E-03	1.18E-02	1.33E-02	9.61E-04	1.28E-02	7.03E-04
	1000	136	54	9	4	124	48	4.88E-03	5.50E-04	6.57E-03	4.53E-03	3.25E-04	7.11E-03	3.93E-04
	1000	136	54	9	4	125	48	1.36E-03	1.60E-04	1.52E-03	1.32E-03	9.75E-05	1.65E-03	9.14E-05
	1000	136	54	9	4	126	48	3.77E-04	2.40E-05	5.74E-04	3.24E-04	2.56E-05	6.21E-04	3.46E-05
	1000	136	54	9	4	127	48	8.30E-05	9.70E-06	8.66E-05	6.52E-05	5.72E-06	9.34E-05	5.24E-06
	1000	136	54	9	4	128	48	2.06E-05	2.30E-06	1.91E-05	1.05E-05	1.06E-06	2.05E-05	1.16E-06
	1000	136	54	9	4	129	48	2.57E-06	3.10E-07	1.03E-06	1.33E-06	1.57E-07	1.09E-06	6.26E-08
	1000	136	54	9	4	130	48	1.39E-07	3.00E-08	9.94E-08	1.28E-07	1.82E-08	1.05E-07	6.14E-09
	1000	136	54	9	4	118	49	2.24E+00	2.50E-01	1.86E+00	2.57E+00	3.00E-01	1.96E+00	1.06E-01
	1000	136	54	9	4	119	49	1.58E+00	1.80E-01	1.77E+00	1.80E+00	1.90E-01	1.87E+00	1.01E-01
	1000	136	54	9	4	120	49	1.03E+00	1.20E-01	8.28E-01	1.19E+00	1.14E-01	8.81E-01	4.76E-02
	1000	136	54	9	4	121	49	6.30E-01	7.00E-02	7.34E-01	7.39E-01	6.50E-02	7.84E-01	4.25E-02
	1000	136	54	9	4	122	49	3.80E-01	5.00E-02	3.10E-01	4.26E-01	3.47E-02	3.32E-01	1.80E-02
	1000	136	54	9	4	124	49	1.30E-01	7.00E-02	8.81E-02	1.07E-01	7.83E-03	9.48E-02	5.18E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	9	4	125	49	5.80E-02	7.50E-03	5.67E-02	4.55E-02	3.24E-03	6.10E-02	3.34E-03	
1000	136	54	9	4	126	49	1.89E-02	5.70E-03	1.57E-02	1.68E-02	1.21E-03	1.70E-02	9.32E-04	
1000	136	54	9	4	127	49	6.49E-03	7.20E-04	7.22E-03	5.33E-03	3.97E-04	7.77E-03	4.29E-04	
1000	136	54	9	4	128	49	1.78E-03	1.90E-04	1.33E-03	1.42E-03	1.14E-04	1.43E-03	7.93E-05	
1000	136	54	9	4	129	49	3.65E-04	4.10E-05	3.52E-04	3.08E-04	2.76E-05	3.75E-04	2.11E-05	
1000	136	54	9	4	130	49	5.35E-05	6.30E-06	2.54E-05	5.35E-05	5.52E-06	2.69E-05	1.53E-06	
1000	136	54	9	4	131	49	6.75E-06	7.70E-07	3.37E-06	7.24E-06	8.87E-07	3.53E-06	2.06E-07	
1000	136	54	9	4	120	50	4.23E+00	4.70E-01	4.65E+00	5.02E+00	5.44E-01	4.90E+00	2.62E-01	
1000	136	54	9	4	121	50	3.17E+00	3.50E-01	2.53E+00	3.82E+00	3.71E-01	2.68E+00	1.44E-01	
1000	136	54	9	4	122	50	2.28E+00	2.60E-01	2.53E+00	2.76E+00	2.44E-01	2.68E+00	1.44E-01	
1000	136	54	9	4	123	50	1.56E+00	1.80E-01	1.25E+00	1.87E+00	1.53E-01	1.33E+00	7.14E-02	
1000	136	54	9	4	124	50	1.04E+00	1.30E-01	1.13E+00	1.19E+00	9.11E-02	1.20E+00	6.50E-02	
1000	136	54	9	4	125	50	6.40E-01	8.00E-02	4.84E-01	6.91E-01	5.08E-02	5.18E-01	2.80E-02	
1000	136	54	9	4	127	50	1.80E-01	2.00E-02	1.26E-01	1.70E-01	1.23E-02	1.35E-01	7.34E-03	
1000	136	54	9	4	128	50	7.45E-02	9.20E-03	6.97E-02	6.97E-02	5.17E-03	7.47E-02	4.09E-03	
1000	136	54	9	4	129	50	2.75E-02	3.00E-03	1.63E-02	2.44E-02	1.91E-03	1.74E-02	9.57E-04	
1000	136	54	9	4	130	50	7.29E-03	8.10E-04	5.69E-03	7.13E-03	6.11E-04	6.03E-03	3.36E-04	
1000	136	54	9	4	131	50	1.22E-03	1.30E-04	6.34E-04	1.70E-03	1.64E-04	6.65E-04	3.77E-05	
1000	136	54	9	4	132	50	1.19E-04	1.30E-05	1.18E-04	3.21E-04	3.63E-05	1.22E-04	7.13E-06	
1000	136	54	9	4	123	51	6.25E+00	6.90E-01	6.53E+00	7.83E+00	7.14E-01	6.91E+00	3.68E-01	
1000	136	54	9	4	124	51	5.31E+00	5.90E-01	3.79E+00	6.32E+00	5.25E-01	4.03E+00	2.15E-01	
1000	136	54	9	4	125	51	4.10E+00	4.50E-01	3.92E+00	4.82E+00	3.74E-01	4.18E+00	2.23E-01	
1000	136	54	9	4	126	51	3.02E+00	3.30E-01	2.02E+00	3.43E+00	2.55E-01	2.16E+00	1.15E-01	
1000	136	54	9	4	127	51	2.22E+00	2.50E-01	1.82E+00	2.25E+00	1.64E-01	1.95E+00	1.04E-01	
1000	136	54	9	4	129	51	8.40E-01	9.00E-02	5.41E-01	6.99E-01	5.32E-02	5.77E-01	3.13E-02	
1000	136	54	9	4	130	51	4.20E-01	5.00E-02	1.77E-01	3.20E-01	2.57E-02	1.89E-01	1.03E-02	
1000	136	54	9	4	131	51	1.90E-01	2.00E-02	9.40E-02	1.24E-01	1.08E-02	9.91E-02	5.48E-03	
1000	136	54	9	4	132	51	4.49E-02	4.90E-03	1.69E-02	3.98E-02	3.87E-03	1.76E-02	9.94E-04	
1000	136	54	9	4	133	51	6.69E-03	7.30E-04	4.76E-03	1.02E-02	1.15E-03	4.90E-03	2.84E-04	
1000	136	54	9	4	134	51	3.09E-05	3.70E-06	2.55E-04	2.05E-03	2.72E-04	2.59E-04	1.59E-05	
1000	136	54	9	4	125	52	1.09E+01	1.20E+00	8.21E+00	1.52E+01	1.40E+00	8.69E+00	4.59E-01	
1000	136	54	9	4	126	52	7.54E+00	8.30E-01	9.72E+00	1.40E+01	1.18E+00	1.03E+01	5.46E-01	
1000	136	54	9	4	127	52	9.60E+00	9.90E-01	6.10E+00	1.21E+01	9.69E-01	6.50E+00	3.44E-01	
1000	136	54	9	4	128	52	7.54E+00	8.30E-01	6.60E+00	9.76E+00	7.66E-01	7.03E+00	3.73E-01	
1000	136	54	9	4	129	52	6.97E+00	7.80E-01	3.60E+00	7.20E+00	5.71E-01	3.84E+00	2.05E-01	
1000	136	54	9	4	130	52	5.24E+00	5.80E-01	3.36E+00	4.77E+00	3.91E-01	3.58E+00	1.92E-01	
1000	136	54	9	4	132	52	2.55E+00	1.20E-01	1.43E+00	1.38E+00	1.29E-01	1.50E+00	8.24E-02	
1000	136	54	9	4	133	52	1.18E+00	1.30E-01	4.38E-01	5.70E-01	5.86E-02	4.54E-01	2.54E-02	
1000	136	54	9	4	134	52	3.00E-01	3.00E-02	2.16E-01	1.90E-01	2.21E-02	2.20E-01	1.28E-02	
1000	136	54	9	4	135	52	2.70E-03	3.00E-04	2.46E-02	4.90E-02	6.66E-03	2.48E-02	1.53E-03	
1000	136	54	9	4	127	53	1.55E+01	1.70E+00	1.58E+01	2.44E+01	2.67E+00	1.67E+01	8.75E-01	
1000	136	54	9	4	128	53	1.59E+01	1.80E+00	1.23E+01	2.52E+01	2.57E+00	1.30E+01	6.82E-01	
1000	136	54	9	4	129	53	1.86E+01	2.10E+00	1.60E+01	2.43E+01	2.39E+00	1.70E+01	8.92E-01	
1000	136	54	9	4	130	53	1.71E+01	1.90E+00	1.18E+01	2.15E+01	2.08E+00	1.26E+01	6.62E-01	
1000	136	54	9	4	131	53	1.89E+01	2.10E+00	1.65E+01	1.71E+01	1.67E+00	1.74E+01	9.25E-01	
1000	136	54	9	4	132	53	1.81E+01	2.00E+00	1.32E+01	1.19E+01	1.20E+00	1.39E+01	7.44E-01	
1000	136	54	9	4	133	53	1.88E+01	2.10E+00	1.70E+01	7.04E+00	7.42E-01	1.77E+01	9.64E-01	
1000	136	54	9	4	134	53	1.63E+01	1.80E+00	9.35E+00	3.44E+00	3.88E-01	9.62E+00	5.37E-01	
1000	136	54	9	4	135	53	1.67E+01	1.80E+00	9.38E+00	1.34E+00	1.67E-01	9.47E+00	5.51E-01	
1000	136	54	9	4	136	53	3.60E-02	4.00E-03	2.95E+00	3.98E-01	5.72E-02	2.92E+00	1.83E-01	
1000	136	54	9	4	129	54	1.33E+01	1.50E+00	1.11E+01	2.19E+01	3.23E+00	1.18E+01	6.09E-01	
1000	136	54	9	4	130	54	1.67E+01	1.80E+00	1.81E+01	2.37E+01	3.28E+00	1.92E+01	9.97E-01	
1000	136	54	9	4	131	54	1.99E+01	2.20E+00	1.92E+01	2.32E+01	3.06E+00	2.04E+01	1.06E+00	
1000	136	54	9	4	132	54	2.88E+01	3.20E+00	3.69E+01	2.01E+01	2.57E+00	3.90E+01	2.05E+00	
1000	136	54	9	4	133	54	3.17E+01	3.50E+00	4.25E+01	1.50E+01	1.89E+00	4.46E+01	2.37E+00	
1000	136	54	9	4	134	54	5.11E+01	5.60E+00	8.16E+01	9.31E+00	1.19E+00	8.48E+01	4.58E+00	
1000	136	54	9	4	135	54	1.09E+02	1.20E+01	7.83E+01	4.65E+00	6.22E-01	8.00E+01	4.46E+00	
1000	136	54	9	4	132	55	3.16E+00	3.50E-01	6.61E+00	4.59E+00	8.54E-01	7.00E+00	3.61E-01	
1000	136	54	9	4	133	55	3.22E+00	3.60E-01	1.29E+01	3.72E+00	6.60E-01	1.36E+01	7.05E-01	
1000	136	54	9	4	134	55	2.59E+00	2.90E-01	1.45E+01	2.50E+00	4.36E-01	1.51E+01	7.97E-01	
1000	136	54	9	4	135	55	1.55E+00	1.70E-01	2.44E+01	1.35E+00	2.42E-01	2.52E+01	1.36E+00	
1000	136	54	9	4	136	55	6.00E-01	7.00E-02	1.94E+01	5.61E-01	1.10E-01	1.97E+01	1.10E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
[5]	1000	124	54	208	82	18	10	1.46E-01	1.50E-02	7.85E-02	1.93E-01	3.30E-02	1.80E-01	3.89E-02
	1000	124	54	208	82	20	11	9.20E-02	1.00E-02	3.23E-02	1.15E-01	1.77E-02	6.63E-02	1.23E-02
	1000	124	54	208	82	22	12	7.10E-02	8.00E-03	5.02E-02	6.88E-02	9.85E-03	9.22E-02	1.57E-02
	1000	124	54	208	82	24	13	2.70E-02	3.00E-03	1.97E-02	4.16E-02	5.65E-03	3.22E-02	5.39E-03
	1000	124	54	208	82	26	14	2.70E-02	3.00E-03	2.58E-02	2.53E-02	3.34E-03	3.78E-02	6.35E-03
	1000	124	54	208	82	19	10	1.68E+00	1.70E-01	1.06E+00	2.53E+00	3.40E-01	3.43E+00	6.94E-01
	1000	124	54	208	82	21	11	9.21E-01	9.20E-02	3.84E-01	1.62E+00	1.90E-01	1.10E+00	1.82E-01
	1000	124	54	208	82	23	12	1.12E+00	1.12E-01	7.26E-01	1.04E+00	1.10E-01	1.82E+00	2.69E-01
	1000	124	54	208	82	25	13	4.07E-01	4.10E-02	2.71E-01	6.75E-01	6.63E-02	6.00E-01	8.49E-02
	1000	124	54	208	82	27	14	5.29E-01	5.30E-02	4.08E-01	4.39E-01	4.12E-02	7.94E-01	1.13E-01
	1000	124	54	208	82	29	15	1.52E-01	1.60E-02	1.69E-01	2.86E-01	2.62E-02	2.90E-01	4.17E-02
	1000	124	54	208	82	31	16	1.56E-01	1.60E-02	2.33E-01	1.87E-01	1.69E-02	3.53E-01	5.09E-02
	1000	124	54	208	82	33	17	4.40E-02	5.00E-03	8.86E-02	1.23E-01	1.10E-02	1.19E-01	1.70E-02
	1000	124	54	208	82	45	23	1.10E-02	1.00E-03	8.29E-03	9.78E-03	1.03E-03	6.43E-03	6.10E-04
	1000	124	54	208	82	51	26	8.00E-03	2.00E-03	3.01E-03	2.65E-03	3.29E-04	2.02E-03	1.61E-04
	1000	124	54	208	82	55	28	6.00E-03	1.00E-03	9.95E-04	1.07E-03	1.46E-04	6.34E-04	5.10E-05
	1000	124	54	208	82	20	10	1.73E+01	1.70E+00	3.90E+00	1.32E+01	1.51E+00	1.77E+01	3.45E+00
	1000	124	54	208	82	22	11	9.87E+00	9.80E-01	2.17E+00	9.30E+00	9.16E-01	8.55E+00	1.32E+00
	1000	124	54	208	82	24	12	1.54E+01	1.50E+00	3.30E+00	6.59E+00	5.77E-01	1.13E+01	1.47E+00
	1000	124	54	208	82	26	13	5.98E+00	5.90E-01	1.73E+00	4.68E+00	3.78E-01	5.13E+00	6.18E-01
	1000	124	54	208	82	28	14	9.73E+00	9.70E-01	2.41E+00	3.34E+00	2.55E-01	6.18E+00	7.39E-01
	1000	124	54	208	82	30	15	2.19E+00	2.20E-01	1.34E+00	2.38E+00	1.76E-01	2.99E+00	3.64E-01
	1000	124	54	208	82	32	16	2.87E+00	2.90E-01	1.64E+00	1.70E+00	1.23E-01	3.18E+00	3.93E-01
	1000	124	54	208	82	34	17	1.00E+00	1.00E-01	9.02E-01	1.21E+00	8.57E-02	1.53E+00	1.88E-01
	1000	124	54	208	82	36	18	1.33E+00	1.50E-01	1.03E+00	8.64E-01	6.01E-02	1.54E+00	1.86E-01
	1000	124	54	208	82	38	19	3.88E-01	5.00E-02	5.21E-01	6.15E-01	4.24E-02	6.90E-01	7.96E-02
	1000	124	54	208	82	40	20	4.44E-01	5.00E-02	6.07E-01	4.36E-01	3.02E-02	7.21E-01	7.82E-02
	1000	124	54	208	82	42	21	1.79E-01	2.10E-02	2.92E-01	3.08E-01	2.17E-02	3.14E-01	3.16E-02
	1000	124	54	208	82	44	22	2.20E-01	2.00E-02	2.92E-01	2.17E-01	1.58E-02	2.86E-01	2.65E-02
	1000	124	54	208	82	46	23	1.50E-01	1.50E-02	1.43E-01	1.52E-01	1.15E-02	1.30E-01	1.10E-02
	1000	124	54	208	82	48	24	1.40E-01	1.40E-02	1.35E-01	1.05E-01	8.38E-03	1.14E-01	8.97E-03
	1000	124	54	208	82	48	25	2.00E-03	6.00E-04	1.43E-04	1.40E-04	2.49E-05	8.65E-05	7.99E-06
	1000	124	54	208	82	50	25	7.70E-02	7.90E-03	6.28E-02	7.23E-02	6.05E-03	5.01E-02	3.72E-03
	1000	124	54	208	82	52	26	5.90E-02	9.00E-03	5.65E-02	4.93E-02	4.31E-03	4.29E-02	3.09E-03
	1000	124	54	208	82	54	27	3.10E-02	5.00E-03	2.34E-02	3.32E-02	3.02E-03	1.71E-02	1.23E-03
	1000	124	54	208	82	56	28	2.10E-02	3.00E-03	2.07E-02	2.21E-02	2.07E-03	1.46E-02	1.07E-03
	1000	124	54	208	82	58	29	1.20E-02	2.00E-03	8.72E-03	1.45E-02	1.40E-03	6.05E-03	4.57E-04
	1000	124	54	208	82	21	10	2.91E+01	2.90E+00	3.23E+00	2.69E+01	2.88E+00	2.04E+01	3.96E+00
	1000	124	54	208	82	23	11	2.93E+01	2.90E+00	5.02E+00	2.13E+01	1.98E+00	2.72E+01	4.05E+00
	1000	124	54	208	82	25	12	2.30E+01	2.20E+00	4.33E+00	1.69E+01	1.40E+00	2.00E+01	2.40E+00
	1000	124	54	208	82	27	13	2.26E+01	2.30E+00	4.99E+00	1.34E+01	1.03E+00	1.97E+01	2.08E+00
	1000	124	54	208	82	29	14	1.81E+01	1.80E+00	4.63E+00	1.06E+01	7.70E-01	1.56E+01	1.59E+00
	1000	124	54	208	82	31	15	1.30E+01	1.30E+00	4.53E+00	8.46E+00	5.85E-01	1.30E+01	1.35E+00
	1000	124	54	208	82	33	16	1.02E+01	1.00E+00	4.34E+00	6.71E+00	4.47E-01	1.07E+01	1.13E+00
	1000	124	54	208	82	35	17	7.84E+00	7.80E-01	3.89E+00	5.32E+00	3.41E-01	8.27E+00	8.84E-01
	1000	124	54	208	82	37	18	6.60E+00	7.40E-01	3.50E+00	4.20E+00	2.61E-01	6.46E+00	6.83E-01
	1000	124	54	208	82	39	19	3.88E+00	5.50E-01	2.85E+00	3.30E+00	2.00E-01	4.60E+00	4.71E-01
	1000	124	54	208	82	41	20	3.39E+00	3.80E-01	2.80E+00	2.58E+00	1.55E-01	4.00E+00	3.88E-01
	1000	124	54	208	82	43	21	2.20E+00	2.50E-01	1.85E+00	2.01E+00	1.22E-01	2.37E+00	2.14E-01
	1000	124	54	208	82	45	22	1.98E+00	2.20E-01	1.88E+00	1.55E+00	9.62E-02	2.17E+00	1.81E-01
	1000	124	54	208	82	47	23	1.53E+00	1.50E-01	1.12E+00	1.19E+00	7.63E-02	1.18E+00	9.13E-02
	1000	124	54	208	82	49	24	1.28E+00	1.30E-01	1.09E+00	9.01E-01	6.01E-02	1.06E+00	7.62E-02
	1000	124	54	208	82	51	25	8.95E-01	8.90E-02	6.25E-01	6.75E-01	4.68E-02	5.67E-01	3.84E-02
	1000	124	54	208	82	53	26	6.61E-01	1.03E-01	5.76E-01	4.99E-01	3.56E-02	4.94E-01	3.24E-02
	1000	124	54	208	82	55	27	4.17E-01	6.00E-02	2.95E-01	3.64E-01	2.65E-02	2.41E-01	1.58E-02
	1000	124	54	208	82	57	28	2.40E-01	3.20E-02	2.73E-01	2.62E-01	1.92E-02	2.15E-01	1.43E-02
	1000	124	54	208	82	59	29	1.30E-01	1.50E-02	1.30E-01	1.85E-01	1.36E-02	9.94E-02	6.88E-03
	1000	124	54	208	82	60	30	8.00E-03	2.00E-03	6.60E-03	9.37E-03	9.32E-04	4.52E-03	3.55E-04
	1000	124	54	208	82	61	30	9.80E-02	1.10E-02	1.14E-01	1.28E-01	9.43E-03	8.55E-02	6.17E-03
	1000	124	54	208	82	63	31	5.50E-02	6.00E-03	5.02E-02	8.74E-02	6.49E-03	3.71E-02	2.79E-03
	1000	124	54	208	82	65	32	4.40E-02	4.00E-03	4.32E-02	5.84E-02	4.47E-03	3.17E-02	2.49E-03
	1000	124	54	208	82	67	33	3.50E-02	3.00E-03	1.73E-02	3.82E-02	3.11E-03	1.26E-02	1.03E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	54	208	82	69	34	2.20E-02	2.00E-03	1.46E-02	2.45E-02	2.18E-03	1.07E-02	8.99E-04	
1000	124	54	208	82	71	35	1.30E-02	1.00E-03	5.59E-03	1.54E-02	1.53E-03	4.15E-03	3.57E-04	
1000	124	54	208	82	22	10	2.50E+01	2.50E+00	1.68E+00	2.30E+01	2.48E+00	1.47E+01	2.93E+00	
1000	124	54	208	82	24	11	1.67E+01	1.70E+00	1.45E+00	2.05E+01	1.95E+00	1.07E+01	1.61E+00	
1000	124	54	208	82	26	12	2.13E+01	2.10E+00	2.61E+00	1.83E+01	1.57E+00	1.62E+01	1.91E+00	
1000	124	54	208	82	28	13	1.50E+01	1.50E+00	2.39E+00	1.64E+01	1.30E+00	1.25E+01	1.22E+00	
1000	124	54	208	82	30	14	2.04E+01	2.00E+00	4.08E+00	1.47E+01	1.09E+00	1.79E+01	1.62E+00	
1000	124	54	208	82	32	15	1.34E+01	1.30E+00	3.61E+00	1.31E+01	9.20E-01	1.33E+01	1.20E+00	
1000	124	54	208	82	34	16	1.58E+01	1.60E+00	5.93E+00	1.17E+01	7.76E-01	1.85E+01	1.71E+00	
1000	124	54	208	82	36	17	1.18E+01	1.20E+00	4.73E+00	1.04E+01	6.54E-01	1.25E+01	1.18E+00	
1000	124	54	208	82	38	18	1.18E+01	1.30E+00	7.19E+00	9.22E+00	5.52E-01	1.63E+01	1.54E+00	
1000	124	54	208	82	40	19	7.32E+00	1.03E+00	5.22E+00	8.12E+00	4.69E-01	1.02E+01	9.43E-01	
1000	124	54	208	82	42	20	8.68E+00	9.70E-01	6.83E+00	7.11E+00	4.04E-01	1.17E+01	1.03E+00	
1000	124	54	208	82	44	21	6.80E+00	7.60E-01	4.75E+00	6.17E+00	3.53E-01	7.16E+00	5.96E-01	
1000	124	54	208	82	46	22	7.36E+00	8.20E-01	5.79E+00	5.31E+00	3.13E-01	7.80E+00	6.04E-01	
1000	124	54	208	82	48	23	6.08E+00	6.10E-01	3.93E+00	4.53E+00	2.77E-01	4.78E+00	3.43E-01	
1000	124	54	208	82	50	24	5.65E+00	5.60E-01	4.36E+00	3.81E+00	2.43E-01	4.85E+00	3.24E-01	
1000	124	54	208	82	52	25	4.59E+00	4.60E-01	2.82E+00	3.17E+00	2.09E-01	2.90E+00	1.83E-01	
1000	124	54	208	82	54	26	3.55E+00	5.50E-01	2.99E+00	2.59E+00	1.75E-01	2.87E+00	1.75E-01	
1000	124	54	208	82	56	27	2.53E+00	3.70E-01	1.74E+00	2.09E+00	1.43E-01	1.58E+00	9.62E-02	
1000	124	54	208	82	58	28	1.69E+00	2.20E-01	1.78E+00	1.65E+00	1.12E-01	1.55E+00	9.56E-02	
1000	124	54	208	82	60	29	1.04E+00	1.20E-01	9.98E-01	1.28E+00	8.52E-02	8.35E-01	5.33E-02	
1000	124	54	208	82	62	30	8.36E-01	9.10E-02	9.47E-01	9.76E-01	6.28E-02	7.71E-01	5.13E-02	
1000	124	54	208	82	64	31	4.89E-01	4.80E-02	4.92E-01	7.27E-01	4.54E-02	3.92E-01	2.73E-02	
1000	124	54	208	82	66	32	3.71E-01	3.60E-02	4.53E-01	5.30E-01	3.26E-02	3.57E-01	2.59E-02	
1000	124	54	208	82	68	33	2.40E-01	1.70E-02	2.16E-01	3.77E-01	2.38E-02	1.69E-01	1.28E-02	
1000	124	54	208	82	70	34	1.84E-01	1.30E-02	1.91E-01	2.63E-01	1.77E-02	1.50E-01	1.17E-02	
1000	124	54	208	82	72	35	1.19E-01	9.00E-03	1.48E-01	1.78E-01	1.35E-02	1.16E-01	9.28E-03	
1000	124	54	208	82	74	36	7.90E-02	6.00E-03	1.30E-01	1.18E-01	1.02E-02	1.03E-01	8.42E-03	
1000	124	54	208	82	76	37	4.70E-02	4.00E-03	6.30E-02	7.68E-02	7.58E-03	5.07E-02	4.20E-03	
1000	124	54	208	82	78	38	3.40E-02	3.00E-03	5.36E-02	4.86E-02	5.44E-03	4.39E-02	3.67E-03	
1000	124	54	208	82	23	10	6.04E+00	6.00E-01	2.94E-01	9.20E+00	1.05E+00	3.54E+00	7.42E-01	
1000	124	54	208	82	25	11	7.90E+00	7.90E-01	5.92E-01	9.27E+00	9.43E-01	5.94E+00	9.48E-01	
1000	124	54	208	82	27	12	6.12E+00	6.10E-01	5.58E-01	9.36E+00	8.65E-01	4.63E+00	5.70E-01	
1000	124	54	208	82	29	13	7.63E+00	7.60E-01	1.12E+00	9.45E+00	8.05E-01	7.67E+00	7.61E-01	
1000	124	54	208	82	31	14	6.77E+00	6.70E-01	1.02E+00	9.54E+00	7.53E-01	5.77E+00	5.04E-01	
1000	124	54	208	82	33	15	8.12E+00	8.10E-01	2.01E+00	9.62E+00	7.05E-01	9.43E+00	7.95E-01	
1000	124	54	208	82	35	16	7.88E+00	7.80E-01	1.75E+00	9.68E+00	6.58E-01	6.83E+00	5.83E-01	
1000	124	54	208	82	37	17	8.62E+00	8.60E-01	3.39E+00	9.70E+00	6.12E-01	1.11E+01	9.66E-01	
1000	124	54	208	82	39	18	8.39E+00	9.30E-01	3.12E+00	9.68E+00	5.70E-01	8.61E+00	7.54E-01	
1000	124	54	208	82	41	19	7.12E+00	1.01E+00	4.81E+00	9.60E+00	5.37E-01	1.13E+01	9.78E-01	
1000	124	54	208	82	43	20	9.26E+00	1.03E+00	5.18E+00	9.45E+00	5.16E-01	1.05E+01	8.77E-01	
1000	124	54	208	82	45	21	9.93E+00	1.11E+00	6.55E+00	9.22E+00	5.06E-01	1.16E+01	9.19E-01	
1000	124	54	208	82	47	22	1.04E+01	1.15E+00	7.08E+00	8.92E+00	5.06E-01	1.11E+01	8.22E-01	
1000	124	54	208	82	49	23	1.04E+01	1.00E+00	7.53E+00	8.52E+00	5.07E-01	1.05E+01	7.27E-01	
1000	124	54	208	82	51	24	1.04E+01	1.00E+00	7.35E+00	8.04E+00	5.04E-01	9.30E+00	5.99E-01	
1000	124	54	208	82	53	25	9.73E+00	9.70E-01	7.12E+00	7.48E+00	4.91E-01	8.26E+00	5.02E-01	
1000	124	54	208	82	55	26	7.99E+00	1.25E+00	6.67E+00	6.85E+00	4.65E-01	7.17E+00	4.19E-01	
1000	124	54	208	82	57	27	7.31E+00	1.05E+00	5.74E+00	6.16E+00	4.25E-01	5.78E+00	3.33E-01	
1000	124	54	208	82	59	28	5.75E+00	7.60E-01	5.52E+00	5.44E+00	3.75E-01	5.28E+00	3.06E-01	
1000	124	54	208	82	61	29	4.31E+00	5.10E-01	4.01E+00	4.70E+00	3.18E-01	3.66E+00	2.19E-01	
1000	124	54	208	82	63	30	3.80E+00	4.10E-01	3.96E+00	3.98E+00	2.59E-01	3.49E+00	2.16E-01	
1000	124	54	208	82	65	31	2.55E+00	2.50E-01	2.52E+00	3.29E+00	2.04E-01	2.17E+00	1.40E-01	
1000	124	54	208	82	67	32	2.12E+00	2.00E-01	2.47E+00	2.66E+00	1.56E-01	2.09E+00	1.40E-01	
1000	124	54	208	82	69	33	1.41E+00	1.00E-01	1.40E+00	2.09E+00	1.19E-01	1.17E+00	8.19E-02	
1000	124	54	208	82	71	34	1.18E+00	8.00E-02	1.38E+00	1.61E+00	9.24E-02	1.15E+00	8.31E-02	
1000	124	54	208	82	73	35	7.98E-01	5.70E-02	1.05E+00	1.20E+00	7.37E-02	8.70E-01	6.47E-02	
1000	124	54	208	82	75	36	6.39E-01	4.50E-02	1.07E+00	8.79E-01	5.98E-02	8.98E-01	6.83E-02	
1000	124	54	208	82	77	37	3.93E-01	2.80E-02	5.49E-01	6.25E-01	4.84E-02	4.64E-01	3.59E-02	
1000	124	54	208	82	79	38	2.96E-01	2.10E-02	5.34E-01	4.32E-01	3.81E-02	4.56E-01	3.57E-02	
1000	124	54	208	82	81	39	1.78E-01	1.30E-02	2.57E-01	2.92E-01	2.89E-02	2.23E-01	1.76E-02	
1000	124	54	208	82	83	40	1.32E-01	9.00E-03	2.41E-01	1.91E-01	2.09E-02	2.13E-01	1.69E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	54	208	82	85	41	7.80E-02	6.00E-03	1.07E-01	1.22E-01	1.44E-02	9.68E-02	7.65E-03	
1000	124	54	208	82	89	43	3.50E-02	3.00E-03	4.12E-02	4.53E-02	5.89E-03	3.90E-02	3.05E-03	
1000	124	54	208	82	93	45	1.50E-02	1.00E-03	1.46E-02	1.44E-02	1.94E-03	1.45E-02	1.11E-03	
1000	124	54	208	82	24	10	2.07E+00	2.10E-01	9.90E-02	2.00E+00	2.48E-01	1.64E+00	3.64E-01	
1000	124	54	208	82	26	11	1.79E+00	1.80E-01	9.43E-02	2.27E+00	2.53E-01	1.27E+00	2.20E-01	
1000	124	54	208	82	28	12	2.17E+00	2.20E-01	2.09E-01	2.57E+00	2.62E-01	2.30E+00	3.10E-01	
1000	124	54	208	82	30	13	1.71E+00	1.70E-01	1.97E-01	2.92E+00	2.73E-01	1.76E+00	1.90E-01	
1000	124	54	208	82	32	14	2.11E+00	2.10E-01	4.34E-01	3.31E+00	2.84E-01	3.16E+00	2.92E-01	
1000	124	54	208	82	34	15	2.19E+00	2.20E-01	3.90E-01	3.75E+00	2.96E-01	2.32E+00	1.99E-01	
1000	124	54	208	82	36	16	3.00E+00	3.00E-01	8.62E-01	4.24E+00	3.06E-01	4.20E+00	3.55E-01	
1000	124	54	208	82	38	17	3.15E+00	3.10E-01	8.12E-01	4.78E+00	3.14E-01	3.26E+00	2.78E-01	
1000	124	54	208	82	40	18	3.78E+00	4.20E-01	1.56E+00	5.35E+00	3.21E-01	5.24E+00	4.48E-01	
1000	124	54	208	82	42	19	4.14E+00	5.80E-01	1.56E+00	5.97E+00	3.32E-01	4.41E+00	3.72E-01	
1000	124	54	208	82	44	20	6.24E+00	6.90E-01	2.74E+00	6.60E+00	3.49E-01	6.58E+00	5.40E-01	
1000	124	54	208	82	46	21	6.91E+00	7.70E-01	2.80E+00	7.24E+00	3.79E-01	5.79E+00	4.54E-01	
1000	124	54	208	82	48	22	8.15E+00	9.10E-01	4.62E+00	7.86E+00	4.22E-01	8.35E+00	6.17E-01	
1000	124	54	208	82	50	23	8.63E+00	8.60E-01	4.47E+00	8.44E+00	4.77E-01	7.14E+00	4.94E-01	
1000	124	54	208	82	52	24	9.40E+00	9.40E-01	7.10E+00	8.94E+00	5.37E-01	1.02E+01	6.57E-01	
1000	124	54	208	82	54	25	9.24E+00	9.20E-01	6.53E+00	9.33E+00	5.95E-01	8.49E+00	5.15E-01	
1000	124	54	208	82	56	26	9.53E+00	1.49E+00	9.72E+00	9.58E+00	6.40E-01	1.16E+01	6.72E-01	
1000	124	54	208	82	58	27	9.15E+00	1.32E+00	7.91E+00	9.67E+00	6.67E-01	8.80E+00	4.95E-01	
1000	124	54	208	82	60	28	9.83E+00	1.31E+00	1.02E+01	9.56E+00	6.69E-01	1.06E+01	5.96E-01	
1000	124	54	208	82	62	29	8.44E+00	9.80E-01	7.74E+00	9.27E+00	6.45E-01	7.70E+00	4.37E-01	
1000	124	54	208	82	64	30	8.73E+00	9.50E-01	9.34E+00	8.78E+00	5.97E-01	8.92E+00	5.20E-01	
1000	124	54	208	82	66	31	6.95E+00	6.80E-01	6.48E+00	8.12E+00	5.30E-01	6.00E+00	3.62E-01	
1000	124	54	208	82	68	32	6.61E+00	6.30E-01	7.56E+00	7.33E+00	4.54E-01	6.83E+00	4.29E-01	
1000	124	54	208	82	70	33	5.08E+00	3.60E-01	4.79E+00	6.45E+00	3.79E-01	4.26E+00	2.77E-01	
1000	124	54	208	82	72	34	4.81E+00	3.40E-01	6.63E+00	5.53E+00	3.12E-01	5.84E+00	3.93E-01	
1000	124	54	208	82	74	35	3.46E+00	2.50E-01	4.13E+00	4.61E+00	2.59E-01	3.62E+00	2.51E-01	
1000	124	54	208	82	76	36	3.09E+00	2.20E-01	4.61E+00	3.74E+00	2.20E-01	4.04E+00	2.87E-01	
1000	124	54	208	82	78	37	2.18E+00	1.50E-01	2.73E+00	2.95E+00	1.89E-01	2.41E+00	1.74E-01	
1000	124	54	208	82	80	38	1.74E+00	1.20E-01	2.86E+00	2.27E+00	1.61E-01	2.55E+00	1.87E-01	
1000	124	54	208	82	82	39	1.20E+00	9.00E-02	1.58E+00	1.70E+00	1.33E-01	1.43E+00	1.05E-01	
1000	124	54	208	82	84	40	8.99E-01	6.40E-02	1.60E+00	1.23E+00	1.06E-01	1.47E+00	1.09E-01	
1000	124	54	208	82	86	41	6.15E-01	4.40E-02	8.28E-01	8.67E-01	8.04E-02	7.75E-01	5.76E-02	
1000	124	54	208	82	87	42	5.50E-01	4.00E-03	9.52E-02	7.57E-02	9.46E-03	8.80E-02	6.93E-03	
1000	124	54	208	82	88	42	4.38E-01	3.10E-02	7.84E-01	5.92E-01	5.79E-02	7.49E-01	5.55E-02	
1000	124	54	208	82	90	43	3.08E-01	2.20E-02	3.99E-01	3.90E-01	3.94E-02	3.89E-01	2.87E-02	
1000	124	54	208	82	92	44	2.21E-01	1.60E-02	3.46E-01	2.47E-01	2.54E-02	3.46E-01	2.53E-02	
1000	124	54	208	82	94	45	1.42E-01	1.00E-02	1.72E-01	1.50E-01	1.54E-02	1.76E-01	1.28E-02	
1000	124	54	208	82	96	46	1.02E-01	7.00E-03	1.44E-01	8.62E-02	8.89E-03	1.52E-01	1.09E-02	
1000	124	54	208	82	98	47	5.50E-02	4.00E-03	6.93E-02	4.65E-02	4.85E-03	7.47E-02	5.34E-03	
1000	124	54	208	82	100	48	2.80E-02	2.00E-03	5.82E-02	2.33E-02	2.52E-03	6.43E-02	4.56E-03	
1000	124	54	208	82	102	49	1.24E-02	1.10E-03	2.21E-02	1.07E-02	1.24E-03	2.51E-02	1.77E-03	
1000	124	54	208	82	27	11	4.77E-01	4.80E-02	3.24E-02	3.48E-01	4.38E-02	5.87E-01	1.11E-01	
1000	124	54	208	82	29	12	3.07E-01	3.10E-02	2.76E-02	4.39E-01	5.05E-02	4.01E-01	6.04E-02	
1000	124	54	208	82	31	13	5.69E-01	5.70E-02	7.43E-02	5.55E-01	5.87E-02	8.63E-01	1.05E-01	
1000	124	54	208	82	33	14	3.77E-01	3.80E-02	6.04E-02	7.02E-01	6.81E-02	5.61E-01	5.83E-02	
1000	124	54	208	82	35	15	7.10E-01	7.10E-02	1.65E-01	8.87E-01	7.87E-02	1.23E+00	1.16E-01	
1000	124	54	208	82	37	16	7.65E-01	7.60E-02	1.51E-01	1.12E+00	9.02E-02	9.14E-01	8.22E-02	
1000	124	54	208	82	39	17	1.12E+00	1.10E-01	3.29E-01	1.40E+00	1.02E-01	1.62E+00	1.43E-01	
1000	124	54	208	82	41	18	1.22E+00	1.30E-01	3.39E-01	1.76E+00	1.15E-01	1.37E+00	1.21E-01	
1000	124	54	208	82	43	19	1.77E+00	2.50E-01	6.78E-01	2.19E+00	1.30E-01	2.27E+00	1.97E-01	
1000	124	54	208	82	45	20	3.27E+00	3.70E-01	7.15E-01	2.70E+00	1.48E-01	2.02E+00	1.70E-01	
1000	124	54	208	82	47	21	3.30E+00	3.70E-01	1.34E+00	3.31E+00	1.72E-01	3.23E+00	2.61E-01	
1000	124	54	208	82	49	22	3.79E+00	4.20E-01	1.40E+00	4.01E+00	2.08E-01	2.91E+00	2.23E-01	
1000	124	54	208	82	51	23	4.25E+00	4.20E-01	2.53E+00	4.82E+00	2.57E-01	4.60E+00	3.31E-01	
1000	124	54	208	82	53	24	4.52E+00	4.50E-01	2.56E+00	5.70E+00	3.21E-01	4.13E+00	2.77E-01	
1000	124	54	208	82	55	25	5.51E+00	5.50E-01	4.51E+00	6.66E+00	3.99E-01	6.56E+00	4.12E-01	
1000	124	54	208	82	57	26	5.61E+00	8.80E-01	4.35E+00	7.65E+00	4.86E-01	5.77E+00	3.42E-01	
1000	124	54	208	82	59	27	7.38E+00	1.07E+00	6.94E+00	8.64E+00	5.74E-01	8.49E+00	4.82E-01	
1000	124	54	208	82	61	28	8.27E+00	1.10E+00	7.04E+00	9.56E+00	6.55E-01	8.04E+00	4.46E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	54	208	82	63	29	8.94E+00	1.04E+00	9.51E+00	1.04E+01	7.20E-01	1.03E+01	5.67E-01	
1000	124	54	208	82	65	30	1.05E+01	1.10E+00	9.86E+00	1.10E+01	7.59E-01	1.02E+01	5.68E-01	
1000	124	54	208	82	67	31	1.03E+01	1.00E+00	1.09E+01	1.14E+01	7.69E-01	1.08E+01	6.21E-01	
1000	124	54	208	82	69	32	1.11E+01	1.10E+00	1.09E+01	1.15E+01	7.48E-01	1.05E+01	6.18E-01	
1000	124	54	208	82	71	33	1.04E+01	7.00E-01	1.03E+01	1.13E+01	7.02E-01	9.71E+00	5.92E-01	
1000	124	54	208	82	73	34	1.03E+01	7.00E-01	1.15E+01	1.09E+01	6.41E-01	1.07E+01	6.73E-01	
1000	124	54	208	82	75	35	9.27E+00	6.60E-01	9.74E+00	1.01E+01	5.77E-01	8.99E+00	5.81E-01	
1000	124	54	208	82	77	36	8.73E+00	6.20E-01	1.03E+01	9.21E+00	5.19E-01	9.52E+00	6.30E-01	
1000	124	54	208	82	79	37	7.33E+00	5.20E-01	7.91E+00	8.13E+00	4.70E-01	7.30E+00	4.93E-01	
1000	124	54	208	82	81	38	6.37E+00	4.50E-01	8.37E+00	6.97E+00	4.27E-01	7.78E+00	5.33E-01	
1000	124	54	208	82	83	39	4.93E+00	3.50E-01	5.64E+00	5.81E+00	3.82E-01	5.29E+00	3.67E-01	
1000	124	54	208	82	85	40	4.13E+00	2.90E-01	6.02E+00	4.70E+00	3.32E-01	5.73E+00	4.00E-01	
1000	124	54	208	82	87	41	3.16E+00	2.20E-01	3.65E+00	3.69E+00	2.77E-01	3.53E+00	2.47E-01	
1000	124	54	208	82	89	42	2.53E+00	1.80E-01	3.76E+00	2.81E+00	2.19E-01	3.70E+00	2.59E-01	
1000	124	54	208	82	91	43	1.94E+00	1.40E-01	2.19E+00	2.06E+00	1.65E-01	2.20E+00	1.53E-01	
1000	124	54	208	82	93	44	1.56E+00	1.10E-01	2.05E+00	1.46E+00	1.17E-01	2.11E+00	1.46E-01	
1000	124	54	208	82	95	45	1.16E+00	8.00E-02	1.20E+00	9.83E-01	7.89E-02	1.27E+00	8.73E-02	
1000	124	54	208	82	97	46	8.04E-01	5.70E-02	1.06E+00	6.30E-01	5.05E-02	1.15E+00	7.86E-02	
1000	124	54	208	82	99	47	4.99E-01	3.60E-02	5.96E-01	3.80E-01	3.09E-02	6.57E-01	4.48E-02	
1000	124	54	208	82	101	48	2.78E-01	2.00E-02	5.19E-01	2.14E-01	1.80E-02	5.87E-01	3.99E-02	
1000	124	54	208	82	103	49	1.24E-01	9.00E-03	2.13E-01	1.11E-01	1.00E-02	2.47E-01	1.68E-02	
1000	124	54	208	82	105	50	4.80E-02	4.00E-03	1.48E-01	5.25E-02	5.30E-03	1.76E-01	1.20E-02	
1000	124	54	208	82	107	51	1.40E-02	1.00E-03	4.07E-02	2.24E-02	2.63E-03	4.97E-02	3.41E-03	
1000	124	54	208	82	34	14	1.16E-01	1.20E-02	2.49E-02	1.04E-01	1.19E-02	2.93E-01	3.50E-02	
1000	124	54	208	82	36	15	1.44E-01	1.50E-02	2.16E-02	1.45E-01	1.52E-02	2.02E-01	2.15E-02	
1000	124	54	208	82	38	16	2.05E-01	2.10E-02	5.24E-02	2.02E-01	1.93E-02	3.89E-01	3.89E-02	
1000	124	54	208	82	40	17	3.09E-01	3.10E-02	5.66E-02	2.80E-01	2.42E-02	3.37E-01	3.26E-02	
1000	124	54	208	82	42	18	3.66E-01	4.10E-02	1.20E-01	3.86E-01	3.02E-02	5.79E-01	5.48E-02	
1000	124	54	208	82	44	19	5.12E-01	7.20E-02	1.37E-01	5.31E-01	3.72E-02	5.43E-01	5.02E-02	
1000	124	54	208	82	48	21	1.38E+00	1.50E-01	2.99E-01	9.83E-01	5.69E-02	8.29E-01	7.12E-02	
1000	124	54	208	82	50	22	1.42E+00	1.60E-01	6.12E-01	1.32E+00	7.20E-02	1.45E+00	1.18E-01	
1000	124	54	208	82	52	23	1.36E+00	1.40E-01	6.55E-01	1.75E+00	9.37E-02	1.35E+00	1.03E-01	
1000	124	54	208	82	54	24	1.78E+00	1.80E-01	1.27E+00	2.30E+00	1.25E-01	2.30E+00	1.64E-01	
1000	124	54	208	82	56	25	1.93E+00	1.90E-01	1.31E+00	2.99E+00	1.69E-01	2.12E+00	1.41E-01	
1000	124	54	208	82	58	26	2.67E+00	4.20E-01	2.50E+00	3.81E+00	2.27E-01	3.65E+00	2.28E-01	
1000	124	54	208	82	60	27	3.22E+00	4.70E-01	2.47E+00	4.78E+00	2.99E-01	3.31E+00	1.95E-01	
1000	124	54	208	82	62	28	4.75E+00	6.30E-01	4.51E+00	5.89E+00	3.84E-01	5.61E+00	3.17E-01	
1000	124	54	208	82	64	29	5.45E+00	6.30E-01	4.30E+00	7.11E+00	4.76E-01	5.02E+00	2.77E-01	
1000	124	54	208	82	66	30	7.26E+00	7.90E-01	7.50E+00	8.40E+00	5.68E-01	8.30E+00	4.55E-01	
1000	124	54	208	82	68	31	8.33E+00	8.20E-01	6.72E+00	9.71E+00	6.52E-01	7.13E+00	3.94E-01	
1000	124	54	208	82	70	32	1.07E+01	1.00E+00	1.12E+01	1.09E+01	7.19E-01	1.15E+01	6.47E-01	
1000	124	54	208	82	72	33	1.11E+01	8.00E-01	8.80E+00	1.20E+01	7.63E-01	8.79E+00	5.06E-01	
1000	124	54	208	82	74	34	1.36E+01	9.00E-01	1.33E+01	1.29E+01	7.82E-01	1.31E+01	7.71E-01	
1000	124	54	208	82	76	35	1.30E+01	9.00E-01	1.13E+01	1.34E+01	7.82E-01	1.09E+01	6.61E-01	
1000	124	54	208	82	78	36	1.46E+01	1.00E+00	1.56E+01	1.36E+01	7.69E-01	1.50E+01	9.32E-01	
1000	124	54	208	82	80	37	1.34E+01	9.00E-01	1.17E+01	1.34E+01	7.52E-01	1.13E+01	7.13E-01	
1000	124	54	208	82	82	38	1.39E+01	9.00E-01	1.57E+01	1.29E+01	7.34E-01	1.52E+01	9.74E-01	
1000	124	54	208	82	84	39	1.23E+01	9.00E-01	1.10E+01	1.20E+01	7.09E-01	1.07E+01	6.96E-01	
1000	124	54	208	82	86	40	1.15E+01	8.00E-01	1.37E+01	1.09E+01	6.71E-01	1.35E+01	8.83E-01	
1000	124	54	208	82	88	41	1.00E+01	7.00E-01	9.35E+00	9.53E+00	6.14E-01	9.34E+00	6.15E-01	
1000	124	54	208	82	90	42	9.13E+00	6.50E-01	1.06E+01	8.10E+00	5.38E-01	1.08E+01	7.10E-01	
1000	124	54	208	82	92	43	8.05E+00	5.70E-01	6.98E+00	6.65E+00	4.50E-01	7.21E+00	4.76E-01	
1000	124	54	208	82	94	44	7.06E+00	5.00E-01	7.57E+00	5.26E+00	3.58E-01	7.98E+00	5.25E-01	
1000	124	54	208	82	96	45	5.42E+00	3.80E-01	4.69E+00	3.98E+00	2.73E-01	5.05E+00	3.32E-01	
1000	124	54	208	82	98	46	4.11E+00	2.90E-01	4.89E+00	2.87E+00	1.99E-01	5.38E+00	3.53E-01	
1000	124	54	208	82	100	47	2.69E+00	1.90E-01	2.91E+00	1.95E+00	1.39E-01	3.28E+00	2.15E-01	
1000	124	54	208	82	102	48	1.71E+00	1.20E-01	2.76E+00	1.25E+00	9.29E-02	3.19E+00	2.09E-01	
1000	124	54	208	82	104	49	8.61E-01	6.10E-02	1.25E+00	7.42E-01	5.87E-02	1.48E+00	9.75E-02	
1000	124	54	208	82	106	50	4.20E-01	3.00E-02	9.38E-01	4.09E-01	3.52E-02	1.14E+00	7.54E-02	
1000	124	54	208	82	108	51	1.44E-01	1.00E-02	2.98E-01	2.06E-01	2.00E-02	3.71E-01	2.49E-02	
1000	124	54	208	82	110	52	5.90E-02	5.00E-03	1.37E-01	9.30E-02	1.05E-02	1.76E-01	1.20E-02	
1000	124	54	208	82	112	53	1.80E-02	2.00E-03	2.32E-02	3.44E-02	4.75E-03	3.05E-02	2.14E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	54	208	82	39	16	4.10E-02	4.00E-03	7.22E-03	2.78E-02	3.27E-03	6.55E-02	7.42E-03	
1000	124	54	208	82	41	17	7.90E-02	8.00E-03	1.73E-02	4.21E-02	4.52E-03	1.24E-01	1.34E-02	
1000	124	54	208	82	45	19	1.67E-01	2.40E-02	4.39E-02	9.51E-02	8.36E-03	2.05E-01	2.06E-02	
1000	124	54	208	82	53	23	4.26E-01	4.30E-02	2.57E-01	4.51E-01	2.70E-02	5.97E-01	4.94E-02	
1000	124	54	208	82	55	24	4.93E-01	4.90E-02	2.87E-01	6.49E-01	3.73E-02	5.82E-01	4.49E-02	
1000	124	54	208	82	57	25	7.11E-01	7.10E-02	5.88E-01	9.24E-01	5.25E-02	1.05E+00	7.55E-02	
1000	124	54	208	82	59	26	8.13E-01	1.27E-01	6.25E-01	1.30E+00	7.49E-02	1.00E+00	6.70E-02	
1000	124	54	208	82	61	27	1.23E+00	1.80E-01	1.27E+00	1.79E+00	1.07E-01	1.86E+00	1.16E-01	
1000	124	54	208	82	63	28	1.66E+00	2.20E-01	1.28E+00	2.43E+00	1.50E-01	1.73E+00	1.02E-01	
1000	124	54	208	82	65	29	2.44E+00	2.80E-01	2.54E+00	3.25E+00	2.07E-01	3.20E+00	1.80E-01	
1000	124	54	208	82	67	30	3.60E+00	3.90E-01	2.52E+00	4.24E+00	2.75E-01	2.99E+00	1.64E-01	
1000	124	54	208	82	69	31	4.32E+00	4.20E-01	4.46E+00	5.42E+00	3.53E-01	5.04E+00	2.73E-01	
1000	124	54	208	82	71	32	5.86E+00	5.60E-01	4.78E+00	6.76E+00	4.37E-01	5.20E+00	2.83E-01	
1000	124	54	208	82	73	33	7.54E+00	5.40E-01	6.01E+00	8.24E+00	5.20E-01	6.35E+00	3.50E-01	
1000	124	54	208	82	75	34	9.33E+00	6.60E-01	6.71E+00	9.79E+00	5.98E-01	6.93E+00	3.88E-01	
1000	124	54	208	82	77	35	1.16E+01	8.00E-01	9.02E+00	1.13E+01	6.66E-01	9.17E+00	5.25E-01	
1000	124	54	208	82	79	36	1.32E+01	9.00E-01	1.04E+01	1.28E+01	7.25E-01	1.05E+01	6.10E-01	
1000	124	54	208	82	81	37	1.55E+01	1.10E+00	1.23E+01	1.40E+01	7.78E-01	1.23E+01	7.33E-01	
1000	124	54	208	82	83	38	1.72E+01	1.20E+00	1.45E+01	1.50E+01	8.28E-01	1.46E+01	8.80E-01	
1000	124	54	208	82	85	39	1.82E+01	1.30E+00	1.50E+01	1.56E+01	8.73E-01	1.51E+01	9.23E-01	
1000	124	54	208	82	87	40	1.94E+01	1.40E+00	1.73E+01	1.57E+01	9.05E-01	1.76E+01	1.09E+00	
1000	124	54	208	82	89	41	1.93E+01	1.40E+00	1.56E+01	1.54E+01	9.13E-01	1.61E+01	1.00E+00	
1000	124	54	208	82	91	42	1.93E+01	1.40E+00	1.65E+01	1.46E+01	8.89E-01	1.73E+01	1.08E+00	
1000	124	54	208	82	93	43	1.87E+01	1.30E+00	1.53E+01	1.34E+01	8.33E-01	1.63E+01	1.02E+00	
1000	124	54	208	82	95	44	1.65E+01	1.20E+00	1.46E+01	1.19E+01	7.51E-01	1.58E+01	9.87E-01	
1000	124	54	208	82	97	45	1.47E+01	1.00E+00	1.28E+01	1.01E+01	6.53E-01	1.41E+01	8.84E-01	
1000	124	54	208	82	99	46	1.22E+01	9.00E-01	1.20E+01	8.20E+00	5.49E-01	1.35E+01	8.47E-01	
1000	124	54	208	82	101	47	9.70E+00	6.90E-01	9.49E+00	6.32E+00	4.43E-01	1.09E+01	6.88E-01	
1000	124	54	208	82	103	48	6.88E+00	4.90E-01	8.36E+00	4.60E+00	3.41E-01	9.86E+00	6.24E-01	
1000	124	54	208	82	105	49	4.20E+00	3.00E-01	4.87E+00	3.16E+00	2.46E-01	5.88E+00	3.75E-01	
1000	124	54	208	82	107	50	2.38E+00	1.70E-01	3.81E+00	2.04E+00	1.68E-01	4.71E+00	3.05E-01	
1000	124	54	208	82	109	51	9.27E-01	6.60E-02	1.42E+00	1.23E+00	1.08E-01	1.81E+00	1.19E-01	
1000	124	54	208	82	111	52	4.38E-01	3.20E-02	7.49E-01	6.80E-01	6.60E-02	9.76E-01	6.59E-02	
1000	124	54	208	82	113	53	1.45E-01	1.10E-02	1.48E-01	3.13E-01	3.57E-02	1.98E-01	1.38E-02	
1000	124	54	208	82	115	54	5.70E-02	9.00E-03	3.35E-02	9.43E-02	1.40E-02	4.60E-02	3.32E-03	
1000	124	54	208	82	54	23	1.07E-01	1.10E-02	4.83E-02	8.88E-02	6.55E-03	1.26E-01	1.13E-02	
1000	124	54	208	82	56	24	1.45E-01	1.50E-02	1.03E-01	1.39E-01	9.37E-03	2.31E-01	1.94E-02	
1000	124	54	208	82	58	25	1.85E-01	1.90E-02	1.19E-01	2.15E-01	1.36E-02	2.35E-01	1.83E-02	
1000	124	54	208	82	60	26	2.69E-01	4.20E-02	2.57E-01	3.28E-01	2.00E-02	4.53E-01	3.26E-02	
1000	124	54	208	82	62	27	3.78E-01	5.50E-02	2.80E-01	4.94E-01	2.98E-02	4.46E-01	2.98E-02	
1000	124	54	208	82	64	28	5.44E-01	7.20E-02	5.94E-01	7.32E-01	4.46E-02	8.66E-01	5.40E-02	
1000	124	54	208	82	66	29	8.19E-01	9.60E-02	6.38E-01	1.07E+00	6.61E-02	8.62E-01	5.06E-02	
1000	124	54	208	82	68	30	1.54E+00	1.70E-01	1.28E+00	1.52E+00	9.60E-02	1.63E+00	9.13E-02	
1000	124	54	208	82	70	31	2.29E+00	2.30E-01	1.34E+00	2.13E+00	1.36E-01	1.62E+00	8.79E-02	
1000	124	54	208	82	72	32	2.99E+00	2.90E-01	2.07E+00	2.93E+00	1.85E-01	2.38E+00	1.28E-01	
1000	124	54	208	82	74	33	3.49E+00	2.50E-01	2.06E+00	3.92E+00	2.44E-01	2.29E+00	1.23E-01	
1000	124	54	208	82	76	34	5.04E+00	3.60E-01	3.79E+00	5.13E+00	3.11E-01	4.11E+00	2.21E-01	
1000	124	54	208	82	78	35	5.53E+00	3.90E-01	3.73E+00	6.55E+00	3.83E-01	3.97E+00	2.16E-01	
1000	124	54	208	82	80	36	8.53E+00	6.00E-01	6.46E+00	8.15E+00	4.61E-01	6.79E+00	3.76E-01	
1000	124	54	208	82	82	37	1.02E+01	7.00E-01	6.35E+00	9.89E+00	5.45E-01	6.63E+00	3.73E-01	
1000	124	54	208	82	84	38	1.37E+01	1.00E+00	1.03E+01	1.17E+01	6.37E-01	1.07E+01	6.10E-01	
1000	124	54	208	82	86	39	1.62E+01	1.10E+00	9.81E+00	1.34E+01	7.36E-01	1.02E+01	5.93E-01	
1000	124	54	208	82	88	40	1.96E+01	1.40E+00	1.51E+01	1.51E+01	8.40E-01	1.59E+01	9.30E-01	
1000	124	54	208	82	90	41	2.15E+01	1.50E+00	1.34E+01	1.64E+01	9.37E-01	1.43E+01	8.40E-01	
1000	124	54	208	82	92	42	2.32E+01	1.60E+00	1.97E+01	1.73E+01	1.02E+00	2.12E+01	1.26E+00	
1000	124	54	208	82	94	43	2.23E+01	1.60E+00	1.70E+01	1.77E+01	1.07E+00	1.85E+01	1.10E+00	
1000	124	54	208	82	96	44	2.36E+01	1.70E+00	2.21E+01	1.75E+01	1.08E+00	2.45E+01	1.46E+00	
1000	124	54	208	82	98	45	2.26E+01	1.60E+00	1.77E+01	1.67E+01	1.07E+00	2.00E+01	1.20E+00	
1000	124	54	208	82	100	46	2.31E+01	1.60E+00	2.20E+01	1.52E+01	1.03E+00	2.54E+01	1.53E+00	
1000	124	54	208	82	102	47	2.01E+01	1.40E+00	1.64E+01	1.32E+01	9.47E-01	1.93E+01	1.18E+00	
1000	124	54	208	82	104	48	1.77E+01	1.30E+00	1.88E+01	1.10E+01	8.33E-01	2.26E+01	1.39E+00	
1000	124	54	208	82	106	49	1.28E+01	9.00E-01	1.12E+01	8.72E+00	6.94E-01	1.38E+01	8.63E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	54	208	82	108	50	8.64E+00	6.10E-01	1.06E+01	6.62E+00	5.46E-01	1.34E+01	8.49E-01	
1000	124	54	208	82	110	51	3.95E+00	2.80E-01	4.76E+00	4.81E+00	4.10E-01	6.15E+00	4.01E-01	
1000	124	54	208	82	112	52	2.26E+00	1.60E-01	2.83E+00	3.26E+00	2.90E-01	3.75E+00	2.52E-01	
1000	124	54	208	82	114	53	9.73E-01	7.00E-02	6.91E-01	1.86E+00	1.86E-01	9.39E-01	6.53E-02	
1000	124	54	208	82	116	54	4.44E-01	6.70E-02	1.77E-01	6.83E-01	8.77E-02	2.47E-01	1.79E-02	
1000	124	54	208	82	118	55	7.60E-02	1.30E-02	1.19E-02	8.70E-02	1.62E-02	1.70E-02	1.28E-03	
1000	124	54	208	82	55	23	2.20E-02	2.00E-03	1.47E-02	1.44E-02	1.34E-03	4.28E-02	4.20E-03	
1000	124	54	208	82	57	24	3.40E-02	4.00E-03	1.71E-02	2.41E-02	2.03E-03	4.27E-02	3.90E-03	
1000	124	54	208	82	59	25	5.70E-02	6.00E-03	4.09E-02	4.00E-02	3.07E-03	8.88E-02	7.52E-03	
1000	124	54	208	82	61	26	6.40E-02	1.00E-02	4.59E-02	6.57E-02	4.66E-03	8.81E-02	6.88E-03	
1000	124	54	208	82	63	27	1.03E-01	1.50E-02	1.07E-01	1.07E-01	7.17E-03	1.85E-01	1.33E-02	
1000	124	54	208	82	67	29	2.79E-01	3.30E-02	2.64E-01	2.69E-01	1.73E-02	3.82E-01	2.37E-02	
1000	124	54	208	82	69	30	4.48E-01	1.50E-02	2.88E-01	4.18E-01	2.67E-02	3.89E-01	2.27E-02	
1000	124	54	208	82	71	31	8.61E-01	8.80E-02	6.27E-01	6.35E-01	4.06E-02	8.00E-01	4.45E-02	
1000	124	54	208	82	73	32	1.06E+00	1.00E-01	4.93E-01	9.48E-01	6.00E-02	5.99E-01	3.23E-02	
1000	124	54	208	82	75	33	1.54E+00	1.10E-01	9.90E-01	1.38E+00	8.62E-02	1.16E+00	6.13E-02	
1000	124	54	208	82	77	34	1.98E+00	1.50E-01	1.06E+00	1.98E+00	1.20E-01	1.20E+00	6.32E-02	
1000	124	54	208	82	79	35	2.97E+00	2.10E-01	1.91E+00	2.76E+00	1.62E-01	2.13E+00	1.12E-01	
1000	124	54	208	82	81	36	3.72E+00	2.70E-01	2.19E+00	3.76E+00	2.14E-01	2.39E+00	1.27E-01	
1000	124	54	208	82	83	37	5.06E+00	3.60E-01	3.52E+00	5.00E+00	2.77E-01	3.81E+00	2.05E-01	
1000	124	54	208	82	85	38	6.69E+00	4.70E-01	4.21E+00	6.49E+00	3.54E-01	4.54E+00	2.47E-01	
1000	124	54	208	82	87	39	9.47E+00	6.70E-01	6.09E+00	8.22E+00	4.48E-01	6.58E+00	3.62E-01	
1000	124	54	208	82	89	40	1.20E+01	9.00E-01	7.03E+00	1.01E+01	5.61E-01	7.62E+00	4.24E-01	
1000	124	54	208	82	91	41	1.42E+01	1.00E+00	1.05E+01	1.22E+01	6.89E-01	1.14E+01	6.42E-01	
1000	124	54	208	82	93	42	1.49E+01	1.10E+00	1.09E+01	1.42E+01	8.27E-01	1.20E+01	6.80E-01	
1000	124	54	208	82	95	43	1.76E+01	1.20E+00	1.55E+01	1.61E+01	9.65E-01	1.73E+01	9.90E-01	
1000	124	54	208	82	97	44	1.98E+01	1.40E+00	1.57E+01	1.77E+01	1.09E+00	1.78E+01	1.02E+00	
1000	124	54	208	82	99	45	2.34E+01	1.70E+00	2.04E+01	1.87E+01	1.21E+00	2.36E+01	1.36E+00	
1000	124	54	208	82	101	46	2.58E+01	1.80E+00	2.05E+01	1.91E+01	1.30E+00	2.41E+01	1.41E+00	
1000	124	54	208	82	103	47	2.82E+01	2.00E+00	2.38E+01	1.88E+01	1.35E+00	2.86E+01	1.70E+00	
1000	124	54	208	82	105	48	2.87E+01	2.00E+00	2.30E+01	1.77E+01	1.36E+00	2.82E+01	1.70E+00	
1000	124	54	208	82	107	49	2.65E+01	1.90E+00	2.08E+01	1.62E+01	1.30E+00	2.62E+01	1.60E+00	
1000	124	54	208	82	109	50	2.26E+01	1.60E+00	1.91E+01	1.44E+01	1.20E+00	2.45E+01	1.54E+00	
1000	124	54	208	82	111	51	1.33E+01	9.00E-01	1.15E+01	1.26E+01	1.06E+00	1.51E+01	9.80E-01	
1000	124	54	208	82	113	52	8.74E+00	6.20E-01	7.66E+00	1.05E+01	8.95E-01	1.03E+01	6.93E-01	
1000	124	54	208	82	115	53	4.41E+00	3.10E-01	2.41E+00	7.41E+00	6.80E-01	3.33E+00	2.32E-01	
1000	124	54	208	82	117	54	2.21E+00	3.30E-01	7.29E-01	3.25E+00	3.77E-01	1.03E+00	7.52E-02	
1000	124	54	208	82	119	55	3.60E-01	6.20E-02	6.59E-02	4.42E-01	7.52E-02	9.54E-02	7.28E-03	
1000	124	54	208	82	58	24	7.00E-03	1.00E-03	5.00E-03	3.56E-03	3.80E-04	1.37E-02	1.36E-03	
1000	124	54	208	82	60	25	1.20E-02	1.00E-03	6.14E-03	6.29E-03	6.05E-04	1.46E-02	1.34E-03	
1000	124	54	208	82	66	28	4.20E-02	6.00E-03	4.16E-02	3.27E-02	2.46E-03	7.01E-02	5.01E-03	
1000	124	54	208	82	68	29	6.10E-02	7.00E-03	4.72E-02	5.53E-02	3.98E-03	7.29E-02	4.82E-03	
1000	124	54	208	82	70	30	1.04E-01	1.20E-02	1.13E-01	9.21E-02	6.42E-03	1.62E-01	9.93E-03	
1000	124	54	208	82	72	31	2.72E-01	2.80E-02	8.96E-02	1.51E-01	1.03E-02	1.21E-01	6.98E-03	
1000	124	54	208	82	74	32	3.31E-01	3.40E-02	1.95E-01	2.43E-01	1.62E-02	2.50E-01	1.38E-02	
1000	124	54	208	82	76	33	3.89E-01	3.10E-02	2.15E-01	3.83E-01	2.49E-02	2.64E-01	1.41E-02	
1000	124	54	208	82	80	35	9.73E-01	7.10E-02	4.97E-01	8.96E-01	5.45E-02	5.76E-01	2.98E-02	
1000	124	54	208	82	82	36	1.24E+00	9.00E-02	9.45E-01	1.33E+00	7.77E-02	1.07E+00	5.55E-02	
1000	124	54	208	82	84	37	1.72E+00	1.20E-01	1.08E+00	1.92E+00	1.09E-01	1.22E+00	6.32E-02	
1000	124	54	208	82	86	38	2.70E+00	1.90E-01	2.00E+00	2.72E+00	1.51E-01	2.24E+00	1.17E-01	
1000	124	54	208	82	88	39	3.52E+00	2.50E-01	2.09E+00	3.76E+00	2.08E-01	2.33E+00	1.23E-01	
1000	124	54	208	82	90	40	4.75E+00	3.40E-01	3.87E+00	5.07E+00	2.83E-01	4.32E+00	2.31E-01	
1000	124	54	208	82	92	41	5.78E+00	4.10E-01	4.13E+00	6.67E+00	3.81E-01	4.64E+00	2.50E-01	
1000	124	54	208	82	94	42	7.61E+00	5.40E-01	6.90E+00	8.56E+00	5.01E-01	7.81E+00	4.25E-01	
1000	124	54	208	82	96	43	9.78E+00	6.90E-01	7.03E+00	1.07E+01	6.43E-01	8.05E+00	4.43E-01	
1000	124	54	208	82	98	44	1.33E+01	9.00E-01	1.14E+01	1.29E+01	8.03E-01	1.33E+01	7.38E-01	
1000	124	54	208	82	100	45	1.63E+01	1.20E+00	1.11E+01	1.52E+01	9.80E-01	1.31E+01	7.34E-01	
1000	124	54	208	82	102	46	2.16E+01	1.50E+00	1.76E+01	1.72E+01	1.17E+00	2.12E+01	1.21E+00	
1000	124	54	208	82	104	47	2.57E+01	1.80E+00	1.70E+01	1.89E+01	1.35E+00	2.08E+01	1.21E+00	
1000	124	54	208	82	106	48	3.15E+01	2.20E+00	2.64E+01	2.02E+01	1.53E+00	3.30E+01	1.95E+00	
1000	124	54	208	82	108	49	3.35E+01	2.40E+00	2.25E+01	2.12E+01	1.69E+00	2.88E+01	1.75E+00	
1000	124	54	208	82	110	50	3.59E+01	2.50E+00	2.83E+01	2.22E+01	1.83E+00	3.70E+01	2.31E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	54	208	82	112	51	2.67E+01	1.90E+00	1.92E+01	2.32E+01	1.94E+00	2.57E+01	1.67E+00	
1000	124	54	208	82	114	52	2.25E+01	1.60E+00	1.64E+01	2.35E+01	1.96E+00	2.25E+01	1.51E+00	
1000	124	54	208	82	116	53	1.38E+01	1.00E+00	6.24E+00	2.04E+01	1.79E+00	8.76E+00	6.15E-01	
1000	124	54	208	82	118	54	8.89E+00	1.34E+00	2.39E+00	1.04E+01	1.14E+00	3.43E+00	2.52E-01	
1000	124	54	208	82	120	55	1.34E+00	2.30E-01	3.30E-01	1.44E+00	2.31E-01	4.83E-01	3.71E-02	
1000	124	54	208	82	61	25	2.10E-03	3.00E-04	1.67E-03	8.61E-04	1.05E-04	4.34E-03	4.30E-04	
1000	124	54	208	82	71	30	2.00E-02	2.00E-03	1.79E-02	1.70E-02	1.38E-03	2.73E-02	1.78E-03	
1000	124	54	208	82	73	31	4.10E-02	4.00E-03	3.01E-02	2.97E-02	2.31E-03	4.30E-02	2.60E-03	
1000	124	54	208	82	75	32	8.40E-02	8.00E-03	3.36E-02	5.11E-02	3.82E-03	4.53E-02	2.58E-03	
1000	124	54	208	82	77	33	1.59E-01	1.30E-02	7.64E-02	8.65E-02	6.23E-03	9.84E-02	5.35E-03	
1000	124	54	208	82	79	34	2.31E-01	1.90E-02	8.61E-02	1.44E-01	9.93E-03	1.07E-01	5.62E-03	
1000	124	54	208	82	81	35	2.74E-01	2.20E-02	1.85E-01	2.34E-01	1.55E-02	2.24E-01	1.15E-02	
1000	124	54	208	82	83	36	3.29E-01	2.50E-02	2.16E-01	3.75E-01	2.36E-02	2.56E-01	1.30E-02	
1000	124	54	208	82	85	37	3.80E-01	3.00E-02	4.46E-01	5.86E-01	3.54E-02	5.19E-01	2.64E-02	
1000	124	54	208	82	89	39	1.13E+00	8.00E-02	9.76E-01	1.35E+00	7.76E-02	1.12E+00	5.75E-02	
1000	124	54	208	82	91	40	1.27E+00	9.00E-02	1.13E+00	1.98E+00	1.14E-01	1.30E+00	6.73E-02	
1000	124	54	208	82	93	41	1.99E+00	1.40E-01	2.02E+00	2.84E+00	1.65E-01	2.33E+00	1.22E-01	
1000	124	54	208	82	95	42	2.71E+00	1.90E-01	2.24E+00	3.97E+00	2.35E-01	2.61E+00	1.38E-01	
1000	124	54	208	82	97	43	4.60E+00	3.30E-01	4.01E+00	5.41E+00	3.29E-01	4.71E+00	2.52E-01	
1000	124	54	208	82	99	44	6.58E+00	5.00E-01	4.14E+00	7.18E+00	4.48E-01	4.92E+00	2.67E-01	
1000	124	54	208	82	101	45	9.60E+00	6.80E-01	7.27E+00	9.27E+00	5.96E-01	8.77E+00	4.82E-01	
1000	124	54	208	82	103	46	1.31E+01	9.00E-01	7.80E+00	1.16E+01	7.78E-01	9.57E+00	5.36E-01	
1000	124	54	208	82	105	47	1.78E+01	1.30E+00	1.36E+01	1.42E+01	9.99E-01	1.70E+01	9.72E-01	
1000	124	54	208	82	107	48	2.29E+01	1.63E+00	1.55E+01	1.72E+01	1.27E+00	1.98E+01	1.16E+00	
1000	124	54	208	82	109	49	2.94E+01	2.10E+00	2.31E+01	2.06E+01	1.60E+00	3.01E+01	1.82E+00	
1000	124	54	208	82	111	50	3.77E+01	2.70E+00	2.68E+01	2.51E+01	2.03E+00	3.56E+01	2.23E+00	
1000	124	54	208	82	113	51	3.69E+01	2.60E+00	2.79E+01	3.13E+01	2.58E+00	3.79E+01	2.47E+00	
1000	124	54	208	82	115	52	3.67E+01	2.60E+00	2.45E+01	3.85E+01	3.17E+00	3.41E+01	2.31E+00	
1000	124	54	208	82	117	53	3.10E+01	2.20E+00	1.40E+01	4.01E+01	3.48E+00	2.00E+01	1.42E+00	
1000	124	54	208	82	119	54	2.46E+01	3.70E+00	6.50E+00	2.32E+01	2.48E+00	9.44E+00	7.00E-01	
1000	124	54	208	82	121	55	3.52E+00	6.00E-01	1.57E+00	3.11E+00	4.87E-01	2.32E+00	1.79E-01	
1000	124	54	208	82	72	30	3.40E-03	5.00E-04	3.62E-03	2.69E-03	2.66E-04	5.84E-03	4.05E-04	
1000	124	54	208	82	78	33	1.80E-02	2.00E-03	1.22E-02	1.65E-02	1.39E-03	1.65E-02	9.27E-04	
1000	124	54	208	82	82	35	1.33E-01	1.30E-02	3.42E-02	5.12E-02	3.86E-03	4.29E-02	2.23E-03	
1000	124	54	208	82	84	36	8.00E-02	6.00E-03	7.28E-02	8.77E-02	6.25E-03	8.91E-02	4.54E-03	
1000	124	54	208	82	86	37	1.26E-01	9.00E-03	8.43E-02	1.48E-01	9.94E-03	1.01E-01	5.12E-03	
1000	124	54	208	82	88	38	1.94E-01	1.40E-02	1.85E-01	2.44E-01	1.56E-02	2.20E-01	1.10E-02	
1000	124	54	208	82	90	39	2.46E-01	1.90E-02	2.27E-01	3.95E-01	2.44E-02	2.68E-01	1.35E-02	
1000	124	54	208	82	92	40	3.85E-01	3.30E-02	4.33E-01	6.26E-01	3.79E-02	5.11E-01	2.59E-02	
1000	124	54	208	82	98	43	1.39E+00	1.00E-01	1.11E+00	2.19E+00	1.34E-01	1.33E+00	6.97E-02	
1000	124	54	208	82	100	44	1.67E+00	1.30E-01	2.08E+00	3.17E+00	1.98E-01	2.53E+00	1.35E-01	
1000	124	54	208	82	102	45	4.62E+00	3.40E-01	2.36E+00	4.47E+00	2.85E-01	2.91E+00	1.58E-01	
1000	124	54	208	82	104	46	6.20E+00	4.40E-01	4.65E+00	6.18E+00	4.04E-01	5.82E+00	3.23E-01	
1000	124	54	208	82	106	47	9.20E+00	6.50E-01	5.62E+00	8.38E+00	5.70E-01	7.16E+00	4.07E-01	
1000	124	54	208	82	108	48	1.41E+01	1.00E+00	1.15E+01	1.13E+01	8.06E-01	1.50E+01	8.78E-01	
1000	124	54	208	82	110	49	1.97E+01	1.40E+00	1.33E+01	1.54E+01	1.16E+00	1.76E+01	1.07E+00	
1000	124	54	208	82	112	50	3.10E+01	2.20E+00	2.57E+01	2.18E+01	1.73E+00	3.48E+01	2.19E+00	
1000	124	54	208	82	114	51	3.61E+01	2.60E+00	2.53E+01	3.23E+01	2.63E+00	3.50E+01	2.29E+00	
1000	124	54	208	82	116	52	4.52E+01	3.20E+00	3.54E+01	4.78E+01	3.93E+00	5.00E+01	3.43E+00	
1000	124	54	208	82	118	53	4.53E+01	3.20E+00	2.16E+01	5.89E+01	5.19E+00	3.11E+01	2.23E+00	
1000	124	54	208	82	120	54	5.35E+01	8.00E+00	1.91E+01	3.71E+01	4.04E+00	2.79E+01	2.08E+00	
1000	124	54	208	82	122	55	4.22E+00	7.20E-01	5.58E+00	4.52E+00	7.23E-01	8.26E+00	6.40E-01	
1000	124	54	208	82	79	33	3.50E-03	4.00E-04	3.25E-03	2.70E-03	2.77E-04	4.56E-03	2.69E-04	
1000	124	54	208	82	81	34	5.60E-03	5.00E-04	4.05E-03	5.11E-03	4.94E-04	5.45E-03	3.03E-04	
1000	124	54	208	82	83	35	9.00E-03	1.00E-03	9.69E-03	9.52E-03	8.62E-04	1.26E-02	6.73E-04	
1000	124	54	208	82	87	37	1.70E-02	2.00E-03	2.64E-02	3.14E-02	2.48E-03	3.28E-02	1.66E-03	
1000	124	54	208	82	89	38	6.00E-02	7.00E-03	3.49E-02	5.57E-02	4.11E-03	4.27E-02	2.15E-03	
1000	124	54	208	82	91	39	6.40E-02	5.00E-03	7.00E-02	9.69E-02	6.73E-03	8.50E-02	4.26E-03	
1000	124	54	208	82	93	40	1.27E-01	9.00E-03	9.03E-02	1.65E-01	1.10E-02	1.09E-01	5.50E-03	
1000	124	54	208	82	95	41	2.17E-01	1.60E-02	1.84E-01	2.77E-01	1.78E-02	2.23E-01	1.13E-02	
1000	124	54	208	82	97	42	3.46E-01	2.60E-02	2.18E-01	4.55E-01	2.88E-02	2.65E-01	1.36E-02	
1000	124	54	208	82	105	46	1.97E+00	1.40E-01	1.42E+00	2.67E+00	1.71E-01	1.81E+00	9.99E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	124	54	208	82	107	47	3.92E+00	2.80E-01	3.31E+00	3.99E+00	2.63E-01	4.30E+00	2.45E-01	
1000	124	54	208	82	109	48	6.34E+00	4.50E-01	4.52E+00	6.01E+00	4.13E-01	5.97E+00	3.51E-01	
1000	124	54	208	82	111	49	9.55E+00	6.80E-01	9.88E+00	9.30E+00	6.78E-01	1.33E+01	8.13E-01	
1000	124	54	208	82	113	50	2.24E+01	1.60E+00	1.40E+01	1.52E+01	1.18E+00	1.93E+01	1.23E+00	
1000	124	54	208	82	115	51	2.86E+01	2.00E+00	2.53E+01	2.65E+01	2.13E+00	3.55E+01	2.36E+00	
1000	124	54	208	82	117	52	4.16E+01	2.90E+00	3.14E+01	4.66E+01	3.88E+00	4.48E+01	3.11E+00	
1000	124	54	208	82	119	53	5.90E+01	4.20E+00	3.86E+01	6.63E+01	6.16E+00	5.61E+01	4.05E+00	
1000	124	54	208	82	121	54	9.67E+01	1.45E+01	4.01E+01	4.37E+01	5.04E+00	5.90E+01	4.42E+00	
1000	124	54	208	82	123	55	3.75E+00	6.40E-01	2.06E+01	4.50E+00	7.78E-01	3.04E+01	2.34E+00	
1000	124	54	208	82	96	41	4.50E-02	4.00E-03	3.31E-02	6.72E-02	4.86E-03	4.11E-02	2.08E-03	
1000	124	54	208	82	98	42	9.30E-02	7.00E-03	7.04E-02	1.19E-01	8.22E-03	8.77E-02	4.49E-03	
1000	124	54	208	82	100	43	1.86E-01	1.40E-02	8.43E-02	2.06E-01	1.38E-02	1.06E-01	5.49E-03	
1000	124	54	208	82	102	44	3.40E-01	2.50E-02	1.90E-01	3.50E-01	2.29E-02	2.41E-01	1.28E-02	
1000	124	54	208	82	104	45	5.82E-01	4.20E-02	2.56E-01	5.84E-01	3.77E-02	3.28E-01	1.78E-02	
1000	124	54	208	82	106	46	8.05E-01	8.70E-02	6.52E-01	9.62E-01	6.17E-02	8.48E-01	4.72E-02	
1000	124	54	208	82	114	50	6.51E+00	4.60E-01	1.02E+01	8.69E+00	6.64E-01	1.43E+01	9.21E-01	
1000	124	54	208	82	118	52	2.42E+01	1.70E+00	3.19E+01	3.65E+01	3.19E+00	4.61E+01	3.23E+00	
1000	124	54	208	82	120	53	4.07E+01	2.90E+00	4.74E+01	5.84E+01	5.93E+00	6.93E+01	5.03E+00	
1000	124	54	208	82	122	54	3.33E+02	5.00E+01	9.40E+01	3.84E+01	4.91E+00	1.38E+02	1.03E+01	
1000	124	54	208	82	124	55	1.70E+00	2.90E-01	5.19E+01	3.09E+00	6.11E-01	7.58E+01	5.73E+00	
1000	124	54	208	82	99	42	1.70E-02	1.00E-03	1.07E-02	2.67E-02	2.15E-03	1.36E-02	7.06E-04	
1000	124	54	208	82	101	43	4.20E-02	3.00E-03	2.56E-02	4.98E-02	3.78E-03	3.28E-02	1.72E-03	
1000	124	54	208	82	103	44	8.70E-02	7.00E-03	3.40E-02	9.13E-02	6.62E-03	4.39E-02	2.35E-03	
1000	124	54	208	82	105	45	1.69E-01	1.20E-02	9.45E-02	1.65E-01	1.15E-02	1.23E-01	6.76E-03	
1000	124	54	208	82	107	46	3.15E-01	2.30E-02	1.49E-01	2.95E-01	2.01E-02	1.97E-01	1.11E-02	
1000	124	54	208	82	109	47	5.66E-01	4.00E-02	4.46E-01	5.31E-01	3.58E-02	5.99E-01	3.49E-02	
1000	124	54	208	82	111	48	1.09E+00	8.00E-02	7.82E-01	9.84E-01	6.77E-02	1.07E+00	6.45E-02	
1000	124	54	208	82	113	49	1.54E+00	1.10E-01	2.29E+00	1.93E+00	1.40E-01	3.19E+00	2.00E-01	
1000	124	54	208	82	102	43	8.00E-03	1.00E-03	3.59E-03	1.04E-02	9.55E-04	4.70E-03	2.51E-04	
1000	124	54	208	82	104	44	1.30E-02	1.00E-03	1.02E-02	2.06E-02	1.77E-03	1.34E-02	7.31E-04	
1000	124	54	208	82	106	45	2.80E-02	2.00E-03	1.67E-02	4.01E-02	3.27E-03	2.22E-02	1.24E-03	
1000	124	54	208	82	108	46	8.60E-02	7.00E-03	5.50E-02	7.78E-02	6.07E-03	7.40E-02	4.25E-03	
1000	124	54	208	82	110	47	1.69E-01	1.30E-02	1.04E-01	1.53E-01	1.16E-02	1.42E-01	8.45E-03	
1000	124	54	208	82	112	48	2.74E-01	2.00E-02	3.50E-01	3.12E-01	2.37E-02	4.85E-01	2.98E-02	
1000	124	54	208	82	114	49	7.29E-01	5.20E-02	6.79E-01	6.86E-01	5.41E-02	9.56E-01	6.11E-02	
1000	124	54	208	82	116	50	1.66E+00	1.20E-01	2.25E+00	1.68E+00	1.42E-01	3.22E+00	2.14E-01	
1000	124	54	208	82	118	51	3.88E+00	2.70E-01	4.16E+00	4.56E+00	4.24E-01	6.02E+00	4.14E-01	
1000	124	54	208	82	120	52	1.24E+01	9.00E-01	1.81E+01	1.22E+01	1.32E+00	2.64E+01	1.87E+00	
1000	124	54	208	82	107	45	7.70E-03	7.00E-04	5.05E-03	8.44E-03	8.46E-04	6.83E-03	3.90E-04	
1000	124	54	208	82	109	46	1.10E-02	1.00E-03	9.89E-03	1.77E-02	1.68E-03	1.35E-02	7.96E-04	
1000	124	54	208	82	111	47	3.60E-02	3.00E-03	3.81E-02	3.78E-02	3.46E-03	5.29E-02	3.21E-03	
1000	124	54	208	82	113	48	5.80E-02	4.00E-03	8.02E-02	8.48E-02	7.63E-03	1.13E-01	7.08E-03	
1000	124	54	208	82	115	49	2.18E-01	1.60E-02	3.01E-01	2.08E-01	1.90E-02	4.28E-01	2.79E-02	
1000	124	54	208	82	117	50	5.81E-01	4.20E-02	6.17E-01	5.73E-01	5.56E-02	8.89E-01	5.98E-02	
1000	124	54	208	82	119	51	1.73E+00	1.20E-01	2.54E+00	1.77E+00	1.90E-01	3.68E+00	2.54E-01	
1000	124	54	208	82	121	52	6.08E+00	4.30E-01	8.59E+00	5.25E+00	6.65E-01	1.25E+01	8.75E-01	
1000	124	54	208	82	123	53	1.12E+02	8.00E+00	5.45E+01	9.69E+00	1.54E+00	7.83E+01	5.48E+00	
1000	124	54	208	82	112	47	7.20E-03	6.00E-04	6.80E-03	8.02E-03	9.12E-04	9.57E-03	5.95E-04	
1000	124	54	208	82	114	48	1.80E-02	2.00E-03	2.83E-02	1.97E-02	2.18E-03	4.03E-02	2.59E-03	
1000	124	54	208	82	116	49	3.30E-02	3.00E-03	6.27E-02	5.33E-02	5.91E-03	9.03E-02	5.97E-03	
1000	124	54	208	82	118	50	1.08E-01	8.00E-03	2.53E-01	1.65E-01	1.91E-02	3.67E-01	2.48E-02	
1000	124	54	208	82	120	51	4.17E-01	3.00E-02	7.71E-01	5.68E-01	7.25E-02	1.12E+00	7.69E-02	
1000	124	54	208	82	122	52	2.23E+00	1.60E-01	5.50E+00	1.81E+00	2.74E-01	7.91E+00	5.44E-01	
1000	124	54	208	82	115	48	3.20E-03	5.00E-04	4.59E-03	3.86E-03	5.28E-04	6.61E-03	4.32E-04	
1000	124	54	208	82	117	49	9.40E-03	8.00E-04	1.99E-02	1.15E-02	1.56E-03	2.88E-02	1.92E-03	
1000	124	54	208	82	119	50	2.20E-02	2.00E-03	4.91E-02	3.94E-02	5.52E-03	7.13E-02	4.82E-03	
1000	124	54	208	82	121	51	8.70E-02	6.00E-03	3.36E-01	1.49E-01	2.28E-02	4.83E-01	3.27E-02	
[5]	1000	136	54	208	82	18	6.00E-02	8.00E-03	4.55E-02	7.63E-02	1.46E-02	1.48E-01	2.78E-02	
	1000	136	54	208	82	19	6.30E-01	7.30E-02	7.04E-01	1.12E+00	1.63E-01	3.12E+00	5.26E-01	
	1000	136	54	208	82	21	3.49E-01	4.00E-02	2.47E-01	7.45E-01	9.60E-02	9.41E-01	1.56E-01	
	1000	136	54	208	82	23	3.90E-01	4.40E-02	4.53E-01	4.95E-01	5.76E-02	1.48E+00	2.46E-01	
	1000	136	54	208	82	25	1.33E-01	1.60E-02	1.64E-01	3.27E-01	3.53E-02	4.60E-01	7.64E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	27	14	1.43E-01	1.60E-02	2.40E-01	2.14E-01	2.20E-02	5.78E-01	9.49E-02	
1000	136	54	208	82	29	15	3.80E-02	5.00E-03	9.61E-02	1.39E-01	1.39E-02	2.00E-01	3.21E-02	
1000	136	54	208	82	35	18	1.40E-02	2.00E-03	6.40E-02	3.64E-02	3.54E-03	8.93E-02	1.23E-02	
1000	136	54	208	82	20	10	1.07E+01	1.20E+00	3.18E+00	6.84E+00	8.45E-01	1.91E+01	2.96E+00	
1000	136	54	208	82	22	11	5.27E+00	5.90E-01	1.69E+00	5.02E+00	5.31E-01	8.58E+00	1.27E+00	
1000	136	54	208	82	24	12	8.38E+00	9.30E-01	2.48E+00	3.66E+00	3.40E-01	1.06E+01	1.55E+00	
1000	136	54	208	82	26	13	2.90E+00	3.10E-01	1.25E+00	2.65E+00	2.23E-01	4.54E+00	6.58E-01	
1000	136	54	208	82	28	14	4.81E+00	5.00E-01	1.67E+00	1.90E+00	1.50E-01	5.14E+00	7.35E-01	
1000	136	54	208	82	30	15	8.75E-01	8.90E-02	8.94E-01	1.34E+00	1.03E-01	2.34E+00	3.27E-01	
1000	136	54	208	82	32	16	1.06E+00	1.60E-01	1.05E+00	9.43E-01	7.18E-02	2.34E+00	3.16E-01	
1000	136	54	208	82	34	17	3.17E-01	5.20E-02	5.51E-01	6.54E-01	4.98E-02	1.06E+00	1.36E-01	
1000	136	54	208	82	36	18	4.56E-01	5.70E-02	6.04E-01	4.48E-01	3.43E-02	1.02E+00	1.22E-01	
1000	136	54	208	82	38	19	1.61E-01	1.90E-02	2.91E-01	3.03E-01	2.34E-02	4.30E-01	4.79E-02	
1000	136	54	208	82	40	20	2.09E-01	1.90E-02	3.24E-01	2.02E-01	1.57E-02	4.25E-01	4.35E-02	
1000	136	54	208	82	42	21	7.70E-02	7.00E-03	1.49E-01	1.33E-01	1.05E-02	1.75E-01	1.64E-02	
1000	136	54	208	82	44	22	7.60E-02	7.00E-03	1.42E-01	8.59E-02	6.91E-03	1.52E-01	1.29E-02	
1000	136	54	208	82	46	23	3.40E-02	3.00E-03	6.62E-02	5.47E-02	4.52E-03	6.52E-02	5.11E-03	
1000	136	54	208	82	48	24	3.10E-02	3.00E-03	5.91E-02	3.43E-02	2.94E-03	5.41E-02	3.95E-03	
1000	136	54	208	82	50	25	1.70E-02	2.00E-03	2.62E-02	2.11E-02	1.89E-03	2.25E-02	1.56E-03	
1000	136	54	208	82	52	26	1.30E-02	2.00E-03	2.23E-02	1.28E-02	1.20E-03	1.81E-02	1.22E-03	
1000	136	54	208	82	54	27	8.00E-03	1.00E-03	8.73E-03	7.59E-03	7.53E-04	6.78E-03	4.53E-04	
1000	136	54	208	82	21	10	2.56E+01	2.90E+00	2.94E+00	1.73E+01	2.03E+00	2.39E+01	3.53E+00	
1000	136	54	208	82	23	11	2.47E+01	2.80E+00	4.53E+00	1.42E+01	1.42E+00	3.06E+01	4.18E+00	
1000	136	54	208	82	25	12	1.75E+01	1.90E+00	3.70E+00	1.16E+01	9.96E-01	2.08E+01	2.72E+00	
1000	136	54	208	82	27	13	1.66E+01	1.80E+00	4.14E+00	9.32E+00	7.14E-01	1.93E+01	2.48E+00	
1000	136	54	208	82	29	14	1.18E+01	1.20E+00	3.71E+00	7.42E+00	5.24E-01	1.45E+01	1.81E+00	
1000	136	54	208	82	31	15	7.97E+00	8.10E-01	3.50E+00	5.84E+00	3.92E-01	1.15E+01	1.40E+00	
1000	136	54	208	82	33	16	5.50E+00	8.10E-01	3.17E+00	4.54E+00	2.97E-01	8.73E+00	1.03E+00	
1000	136	54	208	82	35	17	3.94E+00	6.40E-01	2.71E+00	3.48E+00	2.26E-01	6.36E+00	7.11E-01	
1000	136	54	208	82	37	18	2.93E+00	3.70E-01	2.32E+00	2.63E+00	1.71E-01	4.68E+00	4.91E-01	
1000	136	54	208	82	39	19	2.19E+00	2.50E-01	1.79E+00	1.96E+00	1.28E-01	3.14E+00	3.06E-01	
1000	136	54	208	82	41	20	1.92E+00	1.70E-01	1.67E+00	1.43E+00	9.43E-02	2.57E+00	2.31E-01	
1000	136	54	208	82	43	21	1.11E+00	9.00E-02	1.04E+00	1.03E+00	6.88E-02	1.43E+00	1.18E-01	
1000	136	54	208	82	45	22	8.25E-01	7.30E-02	9.99E-01	7.31E-01	4.95E-02	1.23E+00	9.28E-02	
1000	136	54	208	82	47	23	5.49E-01	4.80E-02	5.62E-01	5.08E-01	3.52E-02	6.28E-01	4.39E-02	
1000	136	54	208	82	49	24	4.23E-01	3.60E-02	5.13E-01	3.47E-01	2.47E-02	5.28E-01	3.47E-02	
1000	136	54	208	82	51	25	2.78E-01	2.40E-02	2.74E-01	2.32E-01	1.71E-02	2.62E-01	1.65E-02	
1000	136	54	208	82	53	26	1.99E-01	1.70E-02	2.36E-01	1.52E-01	1.16E-02	2.12E-01	1.31E-02	
1000	136	54	208	82	55	27	1.10E-01	9.00E-03	1.13E-01	9.76E-02	7.81E-03	9.60E-02	5.89E-03	
1000	136	54	208	82	57	28	5.10E-02	5.00E-03	9.66E-02	6.13E-02	5.16E-03	7.88E-02	4.88E-03	
1000	136	54	208	82	61	30	1.40E-02	2.00E-03	3.43E-02	2.27E-02	2.16E-03	2.63E-02	1.69E-03	
1000	136	54	208	82	22	10	3.17E+01	3.60E+00	1.45E+00	1.94E+01	2.26E+00	1.57E+01	2.33E+00	
1000	136	54	208	82	24	11	1.97E+01	2.20E+00	1.29E+00	1.79E+01	1.80E+00	1.15E+01	1.51E+00	
1000	136	54	208	82	26	12	2.26E+01	2.50E+00	2.37E+00	1.64E+01	1.43E+00	1.73E+01	2.12E+00	
1000	136	54	208	82	28	13	1.53E+01	1.60E+00	2.20E+00	1.48E+01	1.15E+00	1.32E+01	1.53E+00	
1000	136	54	208	82	30	14	1.93E+01	2.00E+00	3.78E+00	1.32E+01	9.29E-01	1.86E+01	2.08E+00	
1000	136	54	208	82	32	15	1.20E+01	1.20E+00	3.32E+00	1.17E+01	7.62E-01	1.35E+01	1.45E+00	
1000	136	54	208	82	34	16	1.27E+01	1.90E+00	5.34E+00	1.01E+01	6.30E-01	1.80E+01	1.86E+00	
1000	136	54	208	82	36	17	8.71E+00	1.41E+00	3.91E+00	8.69E+00	5.23E-01	1.11E+01	1.09E+00	
1000	136	54	208	82	38	18	8.27E+00	1.03E+00	5.59E+00	7.33E+00	4.32E-01	1.35E+01	1.24E+00	
1000	136	54	208	82	40	19	6.26E+00	7.20E-01	3.87E+00	6.09E+00	3.56E-01	7.99E+00	6.88E-01	
1000	136	54	208	82	42	20	5.97E+00	5.40E-01	4.71E+00	4.96E+00	2.90E-01	8.44E+00	6.73E-01	
1000	136	54	208	82	44	21	4.44E+00	3.90E-01	3.08E+00	3.98E+00	2.33E-01	4.86E+00	3.57E-01	
1000	136	54	208	82	46	22	4.27E+00	3.70E-01	3.53E+00	3.13E+00	1.86E-01	4.94E+00	3.37E-01	
1000	136	54	208	82	48	23	3.00E+00	2.60E-01	2.24E+00	2.41E+00	1.46E-01	2.82E+00	1.80E-01	
1000	136	54	208	82	50	24	2.64E+00	2.20E-01	2.31E+00	1.82E+00	1.12E-01	2.65E+00	1.60E-01	
1000	136	54	208	82	52	25	1.97E+00	1.60E-01	1.38E+00	1.35E+00	8.50E-02	1.47E+00	8.55E-02	
1000	136	54	208	82	54	26	1.55E+00	1.30E-01	1.35E+00	9.74E-01	6.31E-02	1.34E+00	7.68E-02	
1000	136	54	208	82	56	27	9.70E-01	8.00E-02	7.27E-01	6.89E-01	4.59E-02	6.78E-01	3.89E-02	
1000	136	54	208	82	58	28	5.77E-01	4.60E-02	6.82E-01	4.77E-01	3.27E-02	6.04E-01	3.50E-02	
1000	136	54	208	82	60	29	2.91E-01	2.30E-02	3.48E-01	3.22E-01	2.29E-02	2.96E-01	1.74E-02	
1000	136	54	208	82	62	30	2.07E-01	1.70E-02	3.00E-01	2.12E-01	1.58E-02	2.46E-01	1.48E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	64	31	1.07E-01	8.00E-03	1.40E-01	1.37E-01	1.08E-02	1.12E-01	6.86E-03	
1000	136	54	208	82	66	32	6.80E-02	6.00E-03	1.16E-01	8.58E-02	7.30E-03	9.08E-02	5.62E-03	
1000	136	54	208	82	68	33	3.41E-02	3.00E-03	4.90E-02	5.26E-02	4.88E-03	3.80E-02	2.37E-03	
1000	136	54	208	82	70	34	2.30E-02	2.00E-03	3.81E-02	3.15E-02	3.22E-03	2.93E-02	1.84E-03	
1000	136	54	208	82	72	35	1.20E-02	1.00E-03	2.62E-02	1.84E-02	2.09E-03	2.01E-02	1.26E-03	
1000	136	54	208	82	23	10	1.09E+01	1.20E+00	2.41E-01	1.07E+01	1.24E+00	3.49E+00	5.37E-01	
1000	136	54	208	82	25	11	1.39E+01	1.60E+00	5.12E-01	1.12E+01	1.12E+00	5.98E+00	8.01E-01	
1000	136	54	208	82	27	12	1.02E+01	1.10E+00	5.04E-01	1.15E+01	1.02E+00	4.75E+00	5.71E-01	
1000	136	54	208	82	29	13	1.23E+01	1.30E+00	1.05E+00	1.17E+01	9.19E-01	7.95E+00	8.80E-01	
1000	136	54	208	82	31	14	1.02E+01	1.10E+00	9.78E-01	1.17E+01	8.35E-01	6.01E+00	6.24E-01	
1000	136	54	208	82	33	15	1.09E+01	1.10E+00	1.96E+00	1.16E+01	7.62E-01	9.83E+00	9.66E-01	
1000	136	54	208	82	35	16	9.62E+00	1.43E+00	1.73E+00	1.13E+01	6.97E-01	7.09E+00	6.61E-01	
1000	136	54	208	82	37	17	9.85E+00	1.60E+00	3.35E+00	1.09E+01	6.38E-01	1.14E+01	1.01E+00	
1000	136	54	208	82	39	18	8.71E+00	1.09E+00	3.05E+00	1.03E+01	5.82E-01	8.70E+00	7.23E-01	
1000	136	54	208	82	41	19	8.07E+00	9.30E-01	4.62E+00	9.59E+00	5.29E-01	1.12E+01	8.69E-01	
1000	136	54	208	82	43	20	8.46E+00	7.70E-01	4.80E+00	8.76E+00	4.77E-01	9.96E+00	7.23E-01	
1000	136	54	208	82	45	21	8.16E+00	7.30E-01	5.58E+00	7.86E+00	4.27E-01	1.01E+01	6.80E-01	
1000	136	54	208	82	47	22	7.72E+00	6.70E-01	5.35E+00	6.91E+00	3.78E-01	8.50E+00	5.37E-01	
1000	136	54	208	82	49	23	7.16E+00	6.10E-01	5.19E+00	5.95E+00	3.30E-01	7.37E+00	4.39E-01	
1000	136	54	208	82	51	24	6.46E+00	5.40E-01	4.69E+00	5.02E+00	2.83E-01	6.02E+00	3.43E-01	
1000	136	54	208	82	53	25	5.67E+00	4.70E-01	4.19E+00	4.15E+00	2.38E-01	4.92E+00	2.73E-01	
1000	136	54	208	82	55	26	4.80E+00	3.90E-01	3.60E+00	3.35E+00	1.96E-01	3.91E+00	2.14E-01	
1000	136	54	208	82	57	27	3.95E+00	3.10E-01	2.83E+00	2.64E+00	1.57E-01	2.87E+00	1.57E-01	
1000	136	54	208	82	59	28	2.76E+00	2.20E-01	2.47E+00	2.03E+00	1.22E-01	2.37E+00	1.31E-01	
1000	136	54	208	82	61	29	1.79E+00	1.40E-01	1.62E+00	1.53E+00	9.30E-02	1.48E+00	8.29E-02	
1000	136	54	208	82	63	30	1.36E+00	1.10E-01	1.43E+00	1.12E+00	6.93E-02	1.26E+00	7.17E-02	
1000	136	54	208	82	65	31	7.82E-01	5.80E-02	8.15E-01	8.02E-01	5.08E-02	6.96E-01	4.00E-02	
1000	136	54	208	82	67	32	5.52E-01	4.10E-02	7.07E-01	5.59E-01	3.68E-02	5.89E-01	3.42E-02	
1000	136	54	208	82	69	33	3.42E-01	2.50E-02	3.52E-01	3.80E-01	2.65E-02	2.88E-01	1.68E-02	
1000	136	54	208	82	71	34	2.44E-01	1.80E-02	3.02E-01	2.52E-01	1.90E-02	2.44E-01	1.43E-02	
1000	136	54	208	82	73	35	1.26E-01	9.00E-03	2.06E-01	1.63E-01	1.35E-02	1.66E-01	9.67E-03	
1000	136	54	208	82	75	36	9.10E-02	7.00E-03	1.80E-01	1.03E-01	9.48E-03	1.45E-01	8.40E-03	
1000	136	54	208	82	77	37	4.40E-02	5.00E-03	7.75E-02	6.34E-02	6.50E-03	6.25E-02	3.58E-03	
1000	136	54	208	82	79	38	3.80E-02	4.00E-03	6.23E-02	3.81E-02	4.34E-03	5.05E-02	2.86E-03	
1000	136	54	208	82	24	10	4.33E+00	4.90E-01	7.78E-02	3.41E+00	3.80E-01	1.49E+00	2.47E-01	
1000	136	54	208	82	26	11	3.59E+00	4.00E-01	8.03E-02	3.97E+00	3.87E-01	1.22E+00	1.74E-01	
1000	136	54	208	82	28	12	4.61E+00	5.10E-01	1.91E-01	4.57E+00	3.94E-01	2.30E+00	2.86E-01	
1000	136	54	208	82	30	13	3.62E+00	3.90E-01	1.90E-01	5.20E+00	4.02E-01	1.82E+00	2.03E-01	
1000	136	54	208	82	32	14	4.64E+00	4.90E-01	4.40E-01	5.84E+00	4.11E-01	3.36E+00	3.42E-01	
1000	136	54	208	82	34	15	4.51E+00	4.60E-01	4.10E-01	6.48E+00	4.20E-01	2.52E+00	2.38E-01	
1000	136	54	208	82	36	16	5.78E+00	8.60E-01	9.32E-01	7.07E+00	4.29E-01	4.63E+00	4.09E-01	
1000	136	54	208	82	38	17	5.54E+00	9.00E-01	8.93E-01	7.61E+00	4.38E-01	3.63E+00	3.01E-01	
1000	136	54	208	82	40	18	5.85E+00	7.30E-01	1.74E+00	8.05E+00	4.45E-01	5.83E+00	4.55E-01	
1000	136	54	208	82	42	19	6.25E+00	7.20E-01	1.73E+00	8.38E+00	4.49E-01	4.88E+00	3.58E-01	
1000	136	54	208	82	44	20	7.51E+00	6.80E-01	3.00E+00	8.56E+00	4.51E-01	7.18E+00	4.95E-01	
1000	136	54	208	82	46	21	7.27E+00	6.50E-01	3.01E+00	8.59E+00	4.49E-01	6.19E+00	4.02E-01	
1000	136	54	208	82	48	22	8.23E+00	7.20E-01	4.82E+00	8.45E+00	4.44E-01	8.66E+00	5.31E-01	
1000	136	54	208	82	50	23	8.09E+00	6.90E-01	4.47E+00	8.15E+00	4.33E-01	7.11E+00	4.15E-01	
1000	136	54	208	82	52	24	8.17E+00	6.90E-01	6.70E+00	7.70E+00	4.17E-01	9.53E+00	5.35E-01	
1000	136	54	208	82	54	25	7.45E+00	6.20E-01	5.44E+00	7.11E+00	3.93E-01	7.03E+00	3.85E-01	
1000	136	54	208	82	56	26	8.01E+00	6.50E-01	6.89E+00	6.43E+00	3.62E-01	8.18E+00	4.41E-01	
1000	136	54	208	82	58	27	6.88E+00	5.50E-01	5.01E+00	5.67E+00	3.25E-01	5.52E+00	2.97E-01	
1000	136	54	208	82	60	28	6.54E+00	5.10E-01	5.81E+00	4.89E+00	2.83E-01	6.02E+00	3.24E-01	
1000	136	54	208	82	62	29	4.96E+00	3.90E-01	3.97E+00	4.12E+00	2.39E-01	3.89E+00	2.11E-01	
1000	136	54	208	82	64	30	4.54E+00	3.50E-01	4.26E+00	3.38E+00	1.96E-01	4.00E+00	2.18E-01	
1000	136	54	208	82	66	31	3.14E+00	2.30E-01	2.61E+00	2.71E+00	1.56E-01	2.37E+00	1.30E-01	
1000	136	54	208	82	68	32	2.60E+00	1.90E-01	2.68E+00	2.11E+00	1.22E-01	2.36E+00	1.30E-01	
1000	136	54	208	82	70	33	1.72E+00	1.20E-01	1.48E+00	1.61E+00	9.37E-02	1.27E+00	7.00E-02	
1000	136	54	208	82	72	34	1.44E+00	1.00E-01	1.88E+00	1.19E+00	7.14E-02	1.60E+00	8.75E-02	
1000	136	54	208	82	74	35	8.73E-01	6.30E-02	1.01E+00	8.60E-01	5.44E-02	8.47E-01	4.61E-02	
1000	136	54	208	82	76	36	6.86E-01	4.90E-02	9.51E-01	6.05E-01	4.12E-02	7.97E-01	4.29E-02	
1000	136	54	208	82	78	37	3.91E-01	2.80E-02	4.70E-01	4.16E-01	3.10E-02	3.94E-01	2.10E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	80	38	2.66E-01	1.90E-02	4.05E-01	2.78E-01	2.29E-02	3.41E-01	1.79E-02	
1000	136	54	208	82	82	39	1.59E-01	1.20E-02	1.80E-01	1.82E-01	1.64E-02	1.52E-01	7.85E-03	
1000	136	54	208	82	84	40	8.80E-02	7.00E-03	1.44E-01	1.16E-01	1.15E-02	1.23E-01	6.23E-03	
1000	136	54	208	82	86	41	5.50E-02	5.00E-03	5.73E-02	7.20E-02	7.71E-03	4.95E-02	2.46E-03	
1000	136	54	208	82	88	42	3.90E-02	5.00E-03	4.06E-02	4.35E-02	4.99E-03	3.56E-02	1.74E-03	
1000	136	54	208	82	25	10	7.06E-01	8.30E-02	8.92E-03	7.26E-01	7.71E-02	2.25E-01	4.07E-02	
1000	136	54	208	82	27	11	1.24E+00	1.40E-01	2.76E-02	9.36E-01	8.73E-02	5.43E-01	8.41E-02	
1000	136	54	208	82	29	12	7.52E-01	8.50E-02	2.59E-02	1.19E+00	9.91E-02	3.98E-01	5.34E-02	
1000	136	54	208	82	31	13	1.56E+00	1.70E-01	7.56E-02	1.51E+00	1.13E-01	9.08E-01	1.07E-01	
1000	136	54	208	82	33	14	1.10E+00	1.20E-01	6.59E-02	1.88E+00	1.29E-01	6.22E-01	6.58E-02	
1000	136	54	208	82	35	15	1.96E+00	2.00E-01	1.91E-01	2.31E+00	1.48E-01	1.42E+00	1.37E-01	
1000	136	54	208	82	37	16	2.04E+00	3.00E-01	1.84E-01	2.80E+00	1.69E-01	1.10E+00	9.73E-02	
1000	136	54	208	82	39	17	2.85E+00	4.60E-01	4.14E-01	3.34E+00	1.92E-01	1.99E+00	1.65E-01	
1000	136	54	208	82	41	18	2.89E+00	3.60E-01	4.37E-01	3.93E+00	2.17E-01	1.72E+00	1.34E-01	
1000	136	54	208	82	43	19	3.84E+00	4.40E-01	8.86E-01	4.54E+00	2.42E-01	2.89E+00	2.11E-01	
1000	136	54	208	82	45	20	4.03E+00	3.70E-01	9.37E-01	5.16E+00	2.69E-01	2.57E+00	1.77E-01	
1000	136	54	208	82	47	21	4.87E+00	4.30E-01	1.75E+00	5.76E+00	2.96E-01	4.09E+00	2.68E-01	
1000	136	54	208	82	49	22	5.14E+00	4.50E-01	1.80E+00	6.30E+00	3.24E-01	3.63E+00	2.26E-01	
1000	136	54	208	82	51	23	5.70E+00	4.90E-01	3.17E+00	6.77E+00	3.51E-01	5.61E+00	3.35E-01	
1000	136	54	208	82	53	24	5.70E+00	4.80E-01	3.10E+00	7.12E+00	3.75E-01	4.88E+00	2.81E-01	
1000	136	54	208	82	55	25	6.44E+00	5.30E-01	5.23E+00	7.34E+00	3.96E-01	7.41E+00	4.15E-01	
1000	136	54	208	82	57	26	6.57E+00	5.30E-01	4.78E+00	7.40E+00	4.10E-01	6.17E+00	3.39E-01	
1000	136	54	208	82	59	27	7.56E+00	6.00E-01	7.10E+00	7.30E+00	4.14E-01	8.47E+00	4.59E-01	
1000	136	54	208	82	61	28	7.69E+00	6.00E-01	6.31E+00	7.04E+00	4.07E-01	7.02E+00	3.77E-01	
1000	136	54	208	82	63	29	7.54E+00	5.90E-01	7.21E+00	6.63E+00	3.89E-01	7.57E+00	4.05E-01	
1000	136	54	208	82	65	30	7.55E+00	5.90E-01	6.31E+00	6.09E+00	3.59E-01	6.31E+00	3.36E-01	
1000	136	54	208	82	67	31	6.43E+00	4.70E-01	6.07E+00	5.46E+00	3.21E-01	5.83E+00	3.09E-01	
1000	136	54	208	82	69	32	6.12E+00	4.40E-01	5.27E+00	4.77E+00	2.78E-01	4.89E+00	2.58E-01	
1000	136	54	208	82	71	33	5.10E+00	3.70E-01	4.31E+00	4.07E+00	2.35E-01	3.90E+00	2.04E-01	
1000	136	54	208	82	73	34	4.32E+00	3.10E-01	4.54E+00	3.38E+00	1.93E-01	4.04E+00	2.09E-01	
1000	136	54	208	82	75	35	3.39E+00	2.40E-01	3.28E+00	2.74E+00	1.57E-01	2.88E+00	1.47E-01	
1000	136	54	208	82	77	36	2.79E+00	2.00E-01	2.94E+00	2.16E+00	1.26E-01	2.56E+00	1.29E-01	
1000	136	54	208	82	79	37	1.95E+00	1.40E-01	1.87E+00	1.66E+00	1.00E-01	1.62E+00	8.06E-02	
1000	136	54	208	82	81	38	1.47E+00	1.10E-01	1.62E+00	1.25E+00	7.95E-02	1.41E+00	6.86E-02	
1000	136	54	208	82	83	39	9.73E-01	6.90E-02	8.73E-01	9.12E-01	6.21E-02	7.63E-01	3.65E-02	
1000	136	54	208	82	85	40	6.90E-01	4.90E-02	7.33E-01	6.50E-01	4.74E-02	6.45E-01	3.03E-02	
1000	136	54	208	82	87	41	4.33E-01	3.20E-02	3.40E-01	4.51E-01	3.53E-02	3.03E-01	1.39E-02	
1000	136	54	208	82	89	42	2.98E-01	2.20E-02	2.62E-01	3.04E-01	2.53E-02	2.36E-01	1.07E-02	
1000	136	54	208	82	91	43	1.86E-01	1.40E-02	1.10E-01	1.99E-01	1.76E-02	1.01E-01	4.49E-03	
1000	136	54	208	82	93	44	1.29E-01	1.00E-02	7.19E-02	1.25E-01	1.17E-02	6.66E-02	2.94E-03	
1000	136	54	208	82	95	45	7.70E-02	6.00E-03	2.82E-02	7.49E-02	7.42E-03	2.66E-02	1.17E-03	
1000	136	54	208	82	97	46	2.40E-02	3.00E-03	1.59E-02	4.25E-02	4.47E-03	1.52E-02	6.68E-04	
1000	136	54	208	82	26	10	1.30E-01	1.60E-02	2.67E-03	1.19E-01	1.30E-02	8.81E-02	1.75E-02	
1000	136	54	208	82	28	11	2.27E-01	2.70E-02	2.96E-03	1.68E-01	1.62E-02	7.49E-02	1.28E-02	
1000	136	54	208	82	30	12	2.98E-01	3.50E-02	9.13E-03	2.35E-01	2.02E-02	1.78E-01	2.63E-02	
1000	136	54	208	82	32	13	2.94E-01	3.50E-02	8.33E-03	3.25E-01	2.54E-02	1.25E-01	1.62E-02	
1000	136	54	208	82	34	14	4.32E-01	4.80E-02	2.97E-02	4.44E-01	3.21E-02	3.44E-01	3.95E-02	
1000	136	54	208	82	36	15	5.13E-01	5.40E-02	2.80E-02	5.99E-01	4.06E-02	2.53E-01	2.62E-02	
1000	136	54	208	82	38	16	7.53E-01	1.13E-01	7.27E-02	7.97E-01	5.13E-02	5.18E-01	4.88E-02	
1000	136	54	208	82	40	17	1.04E+00	1.70E-01	8.31E-02	1.05E+00	6.42E-02	4.72E-01	4.11E-02	
1000	136	54	208	82	42	18	1.24E+00	1.60E-01	1.84E-01	1.35E+00	7.95E-02	8.44E-01	6.88E-02	
1000	136	54	208	82	44	19	1.52E+00	1.70E-01	2.17E-01	1.72E+00	9.71E-02	8.16E-01	6.26E-02	
1000	136	54	208	82	46	20	1.86E+00	1.70E-01	4.46E-01	2.15E+00	1.17E-01	1.39E+00	1.01E-01	
1000	136	54	208	82	48	21	2.14E+00	1.90E-01	4.86E-01	2.64E+00	1.40E-01	1.28E+00	8.87E-02	
1000	136	54	208	82	50	22	2.55E+00	2.20E-01	9.95E-01	3.18E+00	1.65E-01	2.25E+00	1.48E-01	
1000	136	54	208	82	52	23	2.69E+00	2.30E-01	1.05E+00	3.77E+00	1.93E-01	2.06E+00	1.31E-01	
1000	136	54	208	82	54	24	3.37E+00	2.90E-01	1.99E+00	4.39E+00	2.26E-01	3.45E+00	2.10E-01	
1000	136	54	208	82	56	25	3.50E+00	2.90E-01	2.00E+00	5.01E+00	2.61E-01	3.09E+00	1.82E-01	
1000	136	54	208	82	58	26	4.56E+00	3.70E-01	3.64E+00	5.60E+00	2.99E-01	5.11E+00	2.93E-01	
1000	136	54	208	82	60	27	4.92E+00	3.90E-01	3.43E+00	6.12E+00	3.38E-01	4.41E+00	2.47E-01	
1000	136	54	208	82	62	28	6.25E+00	4.90E-01	5.89E+00	6.56E+00	3.73E-01	7.03E+00	3.86E-01	
1000	136	54	208	82	64	29	6.44E+00	5.00E-01	5.23E+00	6.86E+00	4.01E-01	5.86E+00	3.16E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	66	30	7.56E+00	5.90E-01	8.34E+00	7.02E+00	4.19E-01	8.85E+00	4.69E-01	
1000	136	54	208	82	68	31	7.61E+00	5.60E-01	6.43E+00	7.02E+00	4.24E-01	6.53E+00	3.40E-01	
1000	136	54	208	82	70	32	8.26E+00	6.00E-01	8.95E+00	6.84E+00	4.16E-01	8.75E+00	4.49E-01	
1000	136	54	208	82	72	33	7.79E+00	5.60E-01	6.66E+00	6.52E+00	3.95E-01	6.33E+00	3.19E-01	
1000	136	54	208	82	74	34	8.16E+00	5.80E-01	8.39E+00	6.05E+00	3.63E-01	7.80E+00	3.86E-01	
1000	136	54	208	82	76	35	6.97E+00	4.90E-01	5.86E+00	5.48E+00	3.25E-01	5.36E+00	2.60E-01	
1000	136	54	208	82	78	36	6.69E+00	4.70E-01	6.81E+00	4.84E+00	2.85E-01	6.16E+00	2.93E-01	
1000	136	54	208	82	80	37	5.29E+00	3.80E-01	4.24E+00	4.17E+00	2.44E-01	3.82E+00	1.78E-01	
1000	136	54	208	82	82	38	4.67E+00	3.30E-01	4.64E+00	3.51E+00	2.07E-01	4.17E+00	1.90E-01	
1000	136	54	208	82	84	39	3.62E+00	2.60E-01	2.61E+00	2.87E+00	1.72E-01	2.35E+00	1.05E-01	
1000	136	54	208	82	86	40	2.93E+00	2.10E-01	2.55E+00	2.29E+00	1.41E-01	2.31E+00	1.01E-01	
1000	136	54	208	82	88	41	2.18E+00	1.60E-01	1.33E+00	1.78E+00	1.14E-01	1.22E+00	5.23E-02	
1000	136	54	208	82	90	42	1.66E+00	1.20E-01	1.13E+00	1.34E+00	8.92E-02	1.04E+00	4.40E-02	
1000	136	54	208	82	92	43	1.27E+00	9.00E-02	5.37E-01	9.81E-01	6.81E-02	5.02E-01	2.10E-02	
1000	136	54	208	82	94	44	9.46E-01	6.80E-02	4.07E-01	6.90E-01	5.03E-02	3.86E-01	1.60E-02	
1000	136	54	208	82	96	45	5.84E-01	4.20E-02	1.69E-01	4.63E-01	3.59E-02	1.63E-01	6.75E-03	
1000	136	54	208	82	98	46	3.03E-01	2.20E-02	1.13E-01	2.93E-01	2.45E-02	1.11E-01	4.61E-03	
1000	136	54	208	82	100	47	1.59E-01	1.20E-02	4.11E-02	1.72E-01	1.57E-02	4.09E-02	1.73E-03	
1000	136	54	208	82	102	48	6.70E-02	6.00E-03	2.42E-02	9.20E-02	9.17E-03	2.46E-02	1.06E-03	
1000	136	54	208	82	27	10	1.20E-02	2.00E-03	2.19E-04	1.71E-02	2.18E-03	9.38E-03	2.05E-03	
1000	136	54	208	82	29	11	4.70E-02	7.00E-03	9.51E-04	2.60E-02	2.96E-03	3.08E-02	5.83E-03	
1000	136	54	208	82	33	13	1.31E-01	1.80E-02	3.54E-03	5.88E-02	5.53E-03	6.55E-02	9.45E-03	
1000	136	54	208	82	37	15	1.58E-01	1.80E-02	1.02E-02	1.27E-01	1.04E-02	1.11E-01	1.27E-02	
1000	136	54	208	82	39	16	1.90E-01	2.90E-02	1.17E-02	1.83E-01	1.43E-02	9.85E-02	1.02E-02	
1000	136	54	208	82	41	17	3.81E-01	6.30E-02	3.02E-02	2.60E-01	1.93E-02	2.01E-01	1.92E-02	
1000	136	54	208	82	43	18	3.66E-01	4.70E-02	3.75E-02	3.64E-01	2.57E-02	1.99E-01	1.77E-02	
1000	136	54	208	82	45	19	5.49E-01	6.40E-02	8.65E-02	5.03E-01	3.37E-02	3.72E-01	3.10E-02	
1000	136	54	208	82	47	20	6.20E-01	5.70E-02	9.95E-02	6.84E-01	4.34E-02	3.53E-01	2.78E-02	
1000	136	54	208	82	49	21	7.77E-01	6.90E-02	2.30E-01	9.16E-01	5.50E-02	6.81E-01	5.11E-02	
1000	136	54	208	82	51	22	8.35E-01	7.40E-02	2.63E-01	1.21E+00	6.87E-02	6.61E-01	4.73E-02	
1000	136	54	208	82	53	23	1.21E+00	1.00E-01	5.49E-01	1.56E+00	8.48E-02	1.19E+00	8.16E-02	
1000	136	54	208	82	55	24	1.33E+00	1.10E-01	6.07E-01	1.98E+00	1.04E-01	1.15E+00	7.58E-02	
1000	136	54	208	82	57	25	1.93E+00	1.60E-01	1.21E+00	2.48E+00	1.28E-01	2.05E+00	1.30E-01	
1000	136	54	208	82	59	26	2.26E+00	1.80E-01	1.25E+00	3.04E+00	1.57E-01	1.90E+00	1.16E-01	
1000	136	54	208	82	61	27	2.99E+00	2.40E-01	2.45E+00	3.65E+00	1.91E-01	3.39E+00	2.00E-01	
1000	136	54	208	82	63	28	3.58E+00	2.80E-01	2.34E+00	4.30E+00	2.32E-01	2.99E+00	1.71E-01	
1000	136	54	208	82	65	29	4.56E+00	3.60E-01	4.39E+00	4.97E+00	2.77E-01	5.23E+00	2.89E-01	
1000	136	54	208	82	67	30	5.34E+00	4.20E-01	4.06E+00	5.61E+00	3.23E-01	4.56E+00	2.45E-01	
1000	136	54	208	82	69	31	6.13E+00	4.50E-01	6.62E+00	6.20E+00	3.67E-01	7.08E+00	3.69E-01	
1000	136	54	208	82	71	32	7.04E+00	5.10E-01	6.47E+00	6.70E+00	4.05E-01	6.65E+00	3.37E-01	
1000	136	54	208	82	73	33	8.15E+00	5.90E-01	8.01E+00	7.07E+00	4.33E-01	7.97E+00	3.93E-01	
1000	136	54	208	82	75	34	8.45E+00	6.00E-01	7.93E+00	7.29E+00	4.49E-01	7.69E+00	3.69E-01	
1000	136	54	208	82	77	35	9.10E+00	6.50E-01	8.97E+00	7.34E+00	4.51E-01	8.53E+00	3.98E-01	
1000	136	54	208	82	79	36	8.89E+00	6.30E-01	8.45E+00	7.21E+00	4.40E-01	7.93E+00	3.60E-01	
1000	136	54	208	82	81	37	9.05E+00	6.40E-01	8.05E+00	6.92E+00	4.19E-01	7.50E+00	3.31E-01	
1000	136	54	208	82	83	38	8.69E+00	6.20E-01	7.53E+00	6.48E+00	3.89E-01	6.99E+00	3.00E-01	
1000	136	54	208	82	85	39	8.04E+00	5.70E-01	6.07E+00	5.92E+00	3.54E-01	5.63E+00	2.36E-01	
1000	136	54	208	82	87	40	7.31E+00	5.20E-01	5.50E+00	5.27E+00	3.16E-01	5.13E+00	2.10E-01	
1000	136	54	208	82	89	41	6.47E+00	4.60E-01	3.84E+00	4.57E+00	2.75E-01	3.60E+00	1.45E-01	
1000	136	54	208	82	91	42	5.54E+00	3.90E-01	3.04E+00	3.85E+00	2.35E-01	2.88E+00	1.14E-01	
1000	136	54	208	82	93	43	4.51E+00	3.20E-01	2.05E+00	3.14E+00	1.96E-01	1.96E+00	7.71E-02	
1000	136	54	208	82	95	44	3.26E+00	2.30E-01	1.37E+00	2.47E+00	1.60E-01	1.33E+00	5.21E-02	
1000	136	54	208	82	97	45	2.33E+00	1.70E-01	8.15E-01	1.85E+00	1.27E-01	8.01E-01	3.16E-02	
1000	136	54	208	82	99	46	1.45E+00	1.00E-01	4.94E-01	1.31E+00	9.66E-02	4.93E-01	1.97E-02	
1000	136	54	208	82	101	47	8.59E-01	6.20E-02	2.46E-01	8.62E-01	6.95E-02	2.50E-01	1.02E-02	
1000	136	54	208	82	103	48	4.08E-01	3.00E-02	1.38E-01	5.15E-01	4.58E-02	1.42E-01	5.98E-03	
1000	136	54	208	82	105	49	1.61E-01	1.20E-02	5.29E-02	2.72E-01	2.67E-02	5.57E-02	2.42E-03	
1000	136	54	208	82	107	50	6.30E-02	7.00E-03	2.92E-02	1.22E-01	1.31E-02	3.12E-02	1.41E-03	
1000	136	54	208	82	40	16	5.70E-02	1.00E-02	3.74E-03	3.70E-02	3.80E-03	3.73E-02	4.31E-03	
1000	136	54	208	82	42	17	8.40E-02	1.50E-02	5.02E-03	5.63E-02	5.48E-03	3.90E-02	4.12E-03	
1000	136	54	208	82	44	18	1.09E-01	1.80E-02	1.30E-02	8.45E-02	7.80E-03	7.98E-02	7.84E-03	
1000	136	54	208	82	46	19	1.31E-01	1.80E-02	1.59E-02	1.25E-01	1.09E-02	7.82E-02	7.20E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	48	20	1.44E-01	1.40E-02	4.01E-02	1.83E-01	1.50E-02	1.60E-01	1.40E-02	
1000	136	54	208	82	50	21	1.74E-01	1.70E-02	5.18E-02	2.63E-01	2.01E-02	1.72E-01	1.42E-02	
1000	136	54	208	82	52	22	2.54E-01	2.30E-02	1.14E-01	3.73E-01	2.65E-02	3.17E-01	2.49E-02	
1000	136	54	208	82	54	23	3.79E-01	3.30E-02	1.41E-01	5.21E-01	3.42E-02	3.37E-01	2.53E-02	
1000	136	54	208	82	56	24	5.65E-01	4.80E-02	3.02E-01	7.17E-01	4.36E-02	6.26E-01	4.49E-02	
1000	136	54	208	82	58	25	7.35E-01	6.20E-02	3.47E-01	9.69E-01	5.50E-02	6.35E-01	4.35E-02	
1000	136	54	208	82	60	26	1.05E+00	9.00E-02	7.38E-01	1.29E+00	6.92E-02	1.21E+00	7.91E-02	
1000	136	54	208	82	62	27	1.34E+00	1.10E-01	7.80E-01	1.68E+00	8.75E-02	1.16E+00	7.25E-02	
1000	136	54	208	82	64	28	1.87E+00	1.50E-01	1.59E+00	2.16E+00	1.11E-01	2.16E+00	1.30E-01	
1000	136	54	208	82	66	29	2.52E+00	2.00E-01	1.62E+00	2.72E+00	1.42E-01	2.05E+00	1.18E-01	
1000	136	54	208	82	68	30	3.19E+00	2.50E-01	3.07E+00	3.36E+00	1.79E-01	3.64E+00	2.01E-01	
1000	136	54	208	82	70	31	4.06E+00	3.00E-01	2.99E+00	4.06E+00	2.24E-01	3.37E+00	1.79E-01	
1000	136	54	208	82	72	32	5.02E+00	3.60E-01	4.69E+00	4.81E+00	2.74E-01	5.05E+00	2.57E-01	
1000	136	54	208	82	74	33	5.79E+00	4.20E-01	4.34E+00	5.58E+00	3.26E-01	4.51E+00	2.21E-01	
1000	136	54	208	82	76	34	7.08E+00	5.00E-01	7.34E+00	6.33E+00	3.77E-01	7.41E+00	3.49E-01	
1000	136	54	208	82	78	35	7.46E+00	5.30E-01	6.44E+00	7.02E+00	4.23E-01	6.37E+00	2.89E-01	
1000	136	54	208	82	80	36	9.09E+00	6.40E-01	9.87E+00	7.62E+00	4.61E-01	9.60E+00	4.21E-01	
1000	136	54	208	82	82	37	9.28E+00	6.60E-01	8.30E+00	8.07E+00	4.89E-01	7.99E+00	3.38E-01	
1000	136	54	208	82	84	38	1.04E+01	7.00E-01	1.08E+01	8.36E+00	5.05E-01	1.04E+01	4.26E-01	
1000	136	54	208	82	86	39	1.09E+01	8.00E-01	8.22E+00	8.46E+00	5.08E-01	7.85E+00	3.13E-01	
1000	136	54	208	82	88	40	1.14E+01	8.00E-01	9.81E+00	8.35E+00	5.00E-01	9.38E+00	3.65E-01	
1000	136	54	208	82	90	41	1.10E+01	8.00E-01	6.57E+00	8.03E+00	4.81E-01	6.32E+00	2.41E-01	
1000	136	54	208	82	92	42	1.04E+01	7.00E-01	7.11E+00	7.52E+00	4.51E-01	6.89E+00	2.59E-01	
1000	136	54	208	82	94	43	8.64E+00	6.10E-01	4.42E+00	6.81E+00	4.14E-01	4.33E+00	1.62E-01	
1000	136	54	208	82	96	44	7.29E+00	5.20E-01	4.11E+00	5.95E+00	3.71E-01	4.07E+00	1.52E-01	
1000	136	54	208	82	98	45	5.65E+00	4.00E-01	2.27E+00	4.96E+00	3.24E-01	2.27E+00	8.63E-02	
1000	136	54	208	82	100	46	4.27E+00	3.00E-01	1.86E+00	3.91E+00	2.73E-01	1.89E+00	7.32E-02	
1000	136	54	208	82	102	47	2.79E+00	2.00E-01	8.91E-01	2.87E+00	2.17E-01	9.21E-01	3.66E-02	
1000	136	54	208	82	104	48	1.73E+00	1.20E-01	6.51E-01	1.92E+00	1.59E-01	6.84E-01	2.82E-02	
1000	136	54	208	82	106	49	8.34E-01	6.00E-02	2.55E-01	1.14E+00	1.03E-01	2.72E-01	1.17E-02	
1000	136	54	208	82	108	50	3.59E-01	3.30E-02	1.65E-01	5.78E-01	5.67E-02	1.80E-01	8.10E-03	
1000	136	54	208	82	110	51	1.09E-01	1.10E-02	5.51E-02	2.40E-01	2.53E-02	6.11E-02	2.89E-03	
1000	136	54	208	82	112	52	3.90E-02	6.00E-03	2.53E-02	7.73E-02	8.72E-03	2.86E-02	1.42E-03	
1000	136	54	208	82	51	21	4.60E-02	6.00E-03	1.87E-02	6.70E-02	6.89E-03	6.91E-02	6.30E-03	
1000	136	54	208	82	53	22	7.10E-02	1.00E-02	2.47E-02	1.01E-01	9.64E-03	7.61E-02	6.58E-03	
1000	136	54	208	82	55	23	1.28E-01	1.20E-02	6.07E-02	1.51E-01	1.32E-02	1.59E-01	1.31E-02	
1000	136	54	208	82	57	24	1.90E-01	1.70E-02	7.24E-02	2.21E-01	1.77E-02	1.63E-01	1.28E-02	
1000	136	54	208	82	59	25	2.87E-01	2.40E-02	1.75E-01	3.21E-01	2.32E-02	3.46E-01	2.57E-02	
1000	136	54	208	82	61	26	3.90E-01	3.20E-02	1.95E-01	4.57E-01	3.01E-02	3.44E-01	2.43E-02	
1000	136	54	208	82	63	27	5.72E-01	4.60E-02	4.49E-01	6.42E-01	3.86E-02	7.12E-01	4.78E-02	
1000	136	54	208	82	65	28	7.86E-01	6.20E-02	4.82E-01	8.87E-01	4.95E-02	6.97E-01	4.44E-02	
1000	136	54	208	82	67	29	1.17E+00	9.00E-02	1.03E+00	1.21E+00	6.39E-02	1.38E+00	8.38E-02	
1000	136	54	208	82	69	30	1.59E+00	1.20E-01	1.07E+00	1.61E+00	8.33E-02	1.34E+00	7.71E-02	
1000	136	54	208	82	71	31	2.27E+00	1.70E-01	2.20E+00	2.11E+00	1.09E-01	2.59E+00	1.42E-01	
1000	136	54	208	82	73	32	2.85E+00	2.10E-01	1.80E+00	2.71E+00	1.43E-01	2.03E+00	1.05E-01	
1000	136	54	208	82	75	33	3.83E+00	2.80E-01	3.38E+00	3.42E+00	1.84E-01	3.66E+00	1.81E-01	
1000	136	54	208	82	77	34	4.44E+00	3.20E-01	3.35E+00	4.23E+00	2.33E-01	3.52E+00	1.66E-01	
1000	136	54	208	82	79	35	5.88E+00	4.20E-01	5.55E+00	5.12E+00	2.88E-01	5.69E+00	2.55E-01	
1000	136	54	208	82	81	36	6.68E+00	4.70E-01	5.76E+00	6.08E+00	3.47E-01	5.79E+00	2.49E-01	
1000	136	54	208	82	83	37	8.17E+00	5.80E-01	8.16E+00	7.05E+00	4.06E-01	8.11E+00	3.34E-01	
1000	136	54	208	82	85	38	9.51E+00	6.70E-01	8.52E+00	8.01E+00	4.64E-01	8.39E+00	3.33E-01	
1000	136	54	208	82	87	39	1.09E+01	8.00E-01	1.05E+01	8.90E+00	5.17E-01	1.03E+01	3.95E-01	
1000	136	54	208	82	89	40	1.19E+01	8.00E-01	9.74E+00	9.66E+00	5.62E-01	9.56E+00	3.58E-01	
1000	136	54	208	82	91	41	1.22E+01	9.00E-01	1.13E+01	1.02E+01	5.97E-01	1.11E+01	4.08E-01	
1000	136	54	208	82	93	42	1.14E+01	8.00E-01	8.91E+00	1.05E+01	6.18E-01	8.82E+00	3.19E-01	
1000	136	54	208	82	95	43	1.09E+01	8.00E-01	9.34E+00	1.05E+01	6.25E-01	9.33E+00	3.37E-01	
1000	136	54	208	82	97	44	1.00E+01	7.00E-01	6.71E+00	1.02E+01	6.16E-01	6.77E+00	2.46E-01	
1000	136	54	208	82	99	45	9.24E+00	6.50E-01	6.01E+00	9.38E+00	5.89E-01	6.15E+00	2.27E-01	
1000	136	54	208	82	101	46	7.78E+00	5.50E-01	3.99E+00	8.19E+00	5.44E-01	4.13E+00	1.57E-01	
1000	136	54	208	82	103	47	6.11E+00	4.30E-01	2.98E+00	6.67E+00	4.75E-01	3.13E+00	1.23E-01	
1000	136	54	208	82	105	48	4.43E+00	3.10E-01	1.83E+00	4.97E+00	3.82E-01	1.95E+00	7.99E-02	
1000	136	54	208	82	107	49	2.73E+00	1.90E-01	1.05E+00	3.29E+00	2.73E-01	1.14E+00	4.92E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	109	50	50	1.46E+00	1.30E-01	6.40E-01	1.88E+00	1.68E-01	7.07E-01	3.20E-02
1000	136	54	208	82	111	51	51	5.16E-01	4.80E-02	2.62E-01	8.92E-01	8.43E-02	2.94E-01	1.40E-02
1000	136	54	208	82	113	52	52	2.08E-01	2.40E-02	1.21E-01	3.31E-01	3.33E-02	1.39E-01	6.99E-03
1000	136	54	208	82	115	53	53	3.20E-02	5.00E-03	2.85E-02	8.93E-02	9.79E-03	3.33E-02	1.77E-03
1000	136	54	208	82	58	24	24	5.80E-02	8.00E-03	3.12E-02	6.16E-02	6.75E-03	7.64E-02	6.51E-03
1000	136	54	208	82	60	25	25	9.10E-02	9.00E-03	3.96E-02	9.45E-02	9.39E-03	8.43E-02	6.80E-03
1000	136	54	208	82	62	26	26	1.19E-01	1.10E-02	9.69E-02	1.43E-01	1.28E-02	1.83E-01	1.39E-02
1000	136	54	208	82	64	27	27	1.94E-01	1.60E-02	1.14E-01	2.14E-01	1.71E-02	1.92E-01	1.38E-02
1000	136	54	208	82	66	28	28	2.84E-01	2.30E-02	2.69E-01	3.15E-01	2.26E-02	4.13E-01	2.81E-02
1000	136	54	208	82	68	29	29	4.55E-01	3.60E-02	2.98E-01	4.57E-01	2.96E-02	4.21E-01	2.70E-02
1000	136	54	208	82	70	30	30	6.81E-01	5.40E-02	6.84E-01	6.53E-01	3.86E-02	9.00E-01	5.43E-02
1000	136	54	208	82	72	31	31	9.74E-01	7.20E-02	5.81E-01	9.19E-01	5.07E-02	7.19E-01	4.09E-02
1000	136	54	208	82	74	32	32	1.41E+00	1.00E-01	1.21E+00	1.27E+00	6.72E-02	1.42E+00	7.63E-02
1000	136	54	208	82	76	33	33	1.89E+00	1.40E-01	1.26E+00	1.73E+00	8.96E-02	1.42E+00	7.18E-02
1000	136	54	208	82	78	34	34	2.63E+00	1.90E-01	2.40E+00	2.31E+00	1.19E-01	2.62E+00	1.25E-01
1000	136	54	208	82	80	35	35	3.33E+00	2.40E-01	2.51E+00	3.02E+00	1.57E-01	2.66E+00	1.20E-01
1000	136	54	208	82	82	36	36	4.36E+00	3.10E-01	4.36E+00	3.88E+00	2.05E-01	4.53E+00	1.94E-01
1000	136	54	208	82	84	37	37	5.43E+00	3.80E-01	4.52E+00	4.89E+00	2.61E-01	4.63E+00	1.89E-01
1000	136	54	208	82	86	38	38	6.86E+00	4.90E-01	7.48E+00	6.03E+00	3.26E-01	7.57E+00	2.96E-01
1000	136	54	208	82	88	39	39	8.09E+00	5.70E-01	6.77E+00	7.30E+00	3.98E-01	6.82E+00	2.57E-01
1000	136	54	208	82	90	40	40	9.39E+00	6.60E-01	1.08E+01	8.64E+00	4.75E-01	1.08E+01	3.96E-01
1000	136	54	208	82	92	41	41	9.69E+00	6.90E-01	9.63E+00	9.98E+00	5.54E-01	9.71E+00	3.48E-01
1000	136	54	208	82	94	42	42	1.06E+01	8.00E-01	1.28E+01	1.13E+01	6.30E-01	1.30E+01	4.59E-01
1000	136	54	208	82	96	43	43	1.08E+01	7.70E-01	1.00E+01	1.23E+01	6.99E-01	1.02E+01	3.61E-01
1000	136	54	208	82	98	44	44	1.17E+01	8.00E-01	1.21E+01	1.30E+01	7.54E-01	1.24E+01	4.45E-01
1000	136	54	208	82	100	45	45	1.14E+01	8.00E-01	8.37E+00	1.32E+01	7.87E-01	8.71E+00	3.18E-01
1000	136	54	208	82	102	46	46	1.11E+01	8.00E-01	8.92E+00	1.27E+01	7.90E-01	9.41E+00	3.55E-01
1000	136	54	208	82	104	47	47	9.49E+00	6.70E-01	5.44E+00	1.14E+01	7.50E-01	5.81E+00	2.28E-01
1000	136	54	208	82	106	48	48	8.09E+00	5.70E-01	5.10E+00	9.40E+00	6.58E-01	5.53E+00	2.27E-01
1000	136	54	208	82	110	50	50	3.84E+00	3.50E-01	2.07E+00	4.46E+00	3.51E-01	2.32E+00	1.06E-01
1000	136	54	208	82	112	51	51	1.87E+00	1.70E-01	8.69E-01	2.40E+00	1.99E-01	9.91E-01	4.79E-02
1000	136	54	208	82	114	52	52	8.49E-01	9.50E-02	4.62E-01	1.03E+00	9.07E-02	5.36E-01	2.74E-02
1000	136	54	208	82	116	53	53	2.77E-01	3.70E-02	1.17E-01	3.26E-01	3.15E-02	1.38E-01	7.49E-03
1000	136	54	208	82	118	54	54	7.50E-02	1.20E-02	3.54E-02	6.65E-02	7.54E-03	4.26E-02	2.43E-03
1000	136	54	208	82	63	26	26	3.70E-02	4.00E-03	2.17E-02	4.10E-02	5.04E-03	4.36E-02	3.58E-03
1000	136	54	208	82	65	27	27	7.80E-02	9.00E-03	5.37E-02	6.46E-02	7.14E-03	9.64E-02	7.45E-03
1000	136	54	208	82	67	28	28	8.80E-02	8.00E-03	6.62E-02	1.00E-01	9.93E-03	1.08E-01	7.80E-03
1000	136	54	208	82	69	29	29	1.62E-01	1.30E-02	1.66E-01	1.54E-01	1.36E-02	2.47E-01	1.68E-02
1000	136	54	208	82	71	30	30	2.48E-01	2.00E-02	1.86E-01	2.34E-01	1.83E-02	2.57E-01	1.63E-02
1000	136	54	208	82	73	31	31	4.22E-01	3.10E-02	3.45E-01	3.51E-01	2.45E-02	4.46E-01	2.66E-02
1000	136	54	208	82	75	32	32	5.80E-01	4.00E-02	3.73E-01	5.17E-01	3.27E-02	4.57E-01	2.55E-02
1000	136	54	208	82	77	33	33	9.14E-01	6.60E-02	8.11E-01	7.51E-01	4.38E-02	9.50E-01	4.97E-02
1000	136	54	208	82	79	34	34	1.22E+00	9.00E-02	8.63E-01	1.07E+00	5.89E-02	9.74E-01	4.78E-02
1000	136	54	208	82	81	35	35	1.78E+00	1.30E-01	1.73E+00	1.51E+00	7.96E-02	1.90E+00	8.76E-02
1000	136	54	208	82	83	36	36	2.38E+00	1.70E-01	1.87E+00	2.08E+00	1.08E-01	2.00E+00	8.69E-02
1000	136	54	208	82	85	37	37	3.18E+00	2.30E-01	3.50E+00	2.82E+00	1.45E-01	3.69E+00	1.52E-01
1000	136	54	208	82	87	38	38	4.00E+00	2.80E-01	3.40E+00	3.76E+00	1.93E-01	3.54E+00	1.39E-01
1000	136	54	208	82	89	39	39	4.89E+00	3.50E-01	6.16E+00	4.91E+00	2.53E-01	6.36E+00	2.39E-01
1000	136	54	208	82	91	40	40	5.72E+00	4.10E-01	6.29E+00	6.29E+00	3.27E-01	6.48E+00	2.36E-01
1000	136	54	208	82	93	41	41	6.96E+00	4.90E-01	9.62E+00	7.88E+00	4.14E-01	9.91E+00	3.53E-01
1000	136	54	208	82	95	42	42	8.24E+00	5.80E-01	9.02E+00	9.63E+00	5.13E-01	9.33E+00	3.28E-01
1000	136	54	208	82	97	43	43	9.99E+00	7.10E-01	1.33E+01	1.15E+01	6.20E-01	1.38E+01	4.87E-01
1000	136	54	208	82	99	44	44	1.14E+01	8.00E-01	1.08E+01	1.32E+01	7.26E-01	1.13E+01	4.04E-01
1000	136	54	208	82	101	45	45	1.26E+01	9.00E-01	1.40E+01	1.46E+01	8.23E-01	1.48E+01	5.42E-01
1000	136	54	208	82	103	46	46	1.29E+01	9.00E-01	1.02E+01	1.53E+01	8.92E-01	1.09E+01	4.15E-01
1000	136	54	208	82	105	47	47	1.26E+01	9.00E-01	1.12E+01	1.51E+01	9.14E-01	1.22E+01	4.84E-01
1000	136	54	208	82	107	48	48	1.16E+01	8.00E-01	7.67E+00	1.37E+01	8.66E-01	8.45E+00	3.52E-01
1000	136	54	208	82	108	49	49	5.87E+00	4.20E-01	2.64E+00	6.94E+00	5.16E-01	2.91E+00	1.26E-01
1000	136	54	208	82	109	49	49	9.75E+00	6.90E-01	6.58E+00	1.12E+01	7.41E-01	7.37E+00	3.24E-01
1000	136	54	208	82	111	50	50	7.44E+00	6.80E-01	4.28E+00	8.09E+00	5.56E-01	4.87E+00	2.26E-01
1000	136	54	208	82	113	51	51	4.37E+00	4.00E-01	2.51E+00	4.94E+00	3.56E-01	2.90E+00	1.43E-01
1000	136	54	208	82	115	52	52	2.38E+00	2.60E-01	1.24E+00	2.44E+00	1.89E-01	1.45E+00	7.59E-02

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	117	53	9.66E-01	1.27E-01	4.16E-01	9.10E-01	7.80E-02	4.98E-01	2.75E-02	
1000	136	54	208	82	119	54	2.94E-01	4.50E-02	1.18E-01	2.21E-01	2.24E-02	1.44E-01	8.38E-03	
1000	136	54	208	82	121	55	5.30E-02	1.00E-02	1.64E-02	2.62E-02	3.41E-03	2.02E-02	1.24E-03	
1000	136	54	208	82	70	29	5.10E-02	5.00E-03	3.87E-02	4.78E-02	5.72E-03	6.05E-02	4.37E-03	
1000	136	54	208	82	72	30	8.40E-02	8.00E-03	7.62E-02	7.65E-02	8.13E-03	1.10E-01	7.42E-03	
1000	136	54	208	82	74	31	1.46E-01	1.20E-02	9.13E-02	1.21E-01	1.14E-02	1.23E-01	7.74E-03	
1000	136	54	208	82	76	32	2.11E-01	1.60E-02	2.09E-01	1.89E-01	1.58E-02	2.67E-01	1.56E-02	
1000	136	54	208	82	78	33	3.18E-01	2.30E-02	2.48E-01	2.91E-01	2.17E-02	3.02E-01	1.65E-02	
1000	136	54	208	82	80	34	5.13E-01	3.70E-02	5.26E-01	4.41E-01	2.98E-02	6.15E-01	3.13E-02	
1000	136	54	208	82	82	35	7.66E-01	5.50E-02	6.30E-01	6.61E-01	4.09E-02	7.12E-01	3.39E-02	
1000	136	54	208	82	84	36	1.09E+00	8.00E-02	1.25E+00	9.74E-01	5.62E-02	1.38E+00	6.16E-02	
1000	136	54	208	82	86	37	1.48E+00	1.10E-01	1.33E+00	1.41E+00	7.75E-02	1.44E+00	6.08E-02	
1000	136	54	208	82	88	38	1.92E+00	1.40E-01	2.66E+00	2.02E+00	1.07E-01	2.84E+00	1.13E-01	
1000	136	54	208	82	90	39	2.50E+00	1.80E-01	2.94E+00	2.83E+00	1.47E-01	3.11E+00	1.19E-01	
1000	136	54	208	82	92	40	3.34E+00	2.40E-01	4.99E+00	3.89E+00	2.00E-01	5.26E+00	1.94E-01	
1000	136	54	208	82	94	41	4.44E+00	3.10E-01	5.28E+00	5.25E+00	2.70E-01	5.56E+00	2.00E-01	
1000	136	54	208	82	96	42	5.97E+00	4.20E-01	8.82E+00	6.93E+00	3.59E-01	9.30E+00	3.31E-01	
1000	136	54	208	82	98	43	7.57E+00	5.40E-01	8.27E+00	8.90E+00	4.67E-01	8.77E+00	3.12E-01	
1000	136	54	208	82	100	44	9.46E+00	6.70E-01	1.29E+01	1.11E+01	5.90E-01	1.38E+01	4.99E-01	
1000	136	54	208	82	102	45	1.12E+01	8.00E-01	1.12E+01	1.33E+01	7.20E-01	1.21E+01	4.50E-01	
1000	136	54	208	82	104	46	1.27E+01	9.00E-01	1.51E+01	1.52E+01	8.39E-01	1.65E+01	6.37E-01	
1000	136	54	208	82	106	47	1.34E+01	9.00E-01	1.15E+01	1.64E+01	9.22E-01	1.27E+01	5.13E-01	
1000	136	54	208	82	108	48	1.39E+01	1.00E+00	1.39E+01	1.63E+01	9.40E-01	1.56E+01	6.63E-01	
1000	136	54	208	82	110	49	1.29E+01	9.00E-01	8.99E+00	1.47E+01	8.72E-01	1.02E+01	4.59E-01	
1000	136	54	208	82	112	50	1.15E+01	1.00E+00	9.22E+00	1.18E+01	7.24E-01	1.06E+01	5.06E-01	
1000	136	54	208	82	114	51	8.10E+00	7.30E-01	4.56E+00	8.19E+00	5.29E-01	5.34E+00	2.69E-01	
1000	136	54	208	82	116	52	5.18E+00	5.70E-01	3.21E+00	4.68E+00	3.30E-01	3.83E+00	2.05E-01	
1000	136	54	208	82	118	53	2.39E+00	3.10E-01	1.01E+00	2.05E+00	1.62E-01	1.22E+00	6.89E-02	
1000	136	54	208	82	120	54	8.64E-01	1.30E-01	3.72E-01	5.90E-01	5.46E-02	4.58E-01	2.73E-02	
1000	136	54	208	82	122	55	1.47E-01	2.60E-02	4.83E-02	8.15E-02	9.52E-03	6.03E-02	3.77E-03	
1000	136	54	208	82	73	30	1.80E-02	3.00E-03	1.73E-02	2.31E-02	3.25E-03	2.61E-02	1.86E-03	
1000	136	54	208	82	79	33	1.40E-01	1.60E-02	1.32E-01	1.03E-01	1.01E-02	1.67E-01	9.53E-03	
1000	136	54	208	82	81	34	1.95E-01	1.50E-02	1.61E-01	1.65E-01	1.45E-02	1.95E-01	1.03E-02	
1000	136	54	208	82	83	35	2.85E-01	2.10E-02	3.72E-01	2.61E-01	2.06E-02	4.33E-01	2.15E-02	
1000	136	54	208	82	85	36	4.19E-01	3.00E-02	4.18E-01	4.09E-01	2.92E-02	4.75E-01	2.20E-02	
1000	136	54	208	82	87	37	5.95E-01	4.30E-02	8.97E-01	6.31E-01	4.13E-02	9.98E-01	4.35E-02	
1000	136	54	208	82	89	38	8.67E-01	6.20E-02	1.09E+00	9.60E-01	5.83E-02	1.20E+00	4.94E-02	
1000	136	54	208	82	91	39	1.21E+00	9.00E-02	2.00E+00	1.44E+00	8.25E-02	2.17E+00	8.53E-02	
1000	136	54	208	82	93	40	1.78E+00	1.30E-01	2.33E+00	2.12E+00	1.16E-01	2.51E+00	9.52E-02	
1000	136	54	208	82	95	41	2.71E+00	1.90E-01	4.23E+00	3.06E+00	1.64E-01	4.55E+00	1.68E-01	
1000	136	54	208	82	97	42	3.82E+00	2.70E-01	4.44E+00	4.34E+00	2.29E-01	4.77E+00	1.74E-01	
1000	136	54	208	82	99	43	5.32E+00	3.80E-01	7.91E+00	6.00E+00	3.16E-01	8.54E+00	3.12E-01	
1000	136	54	208	82	101	44	7.05E+00	5.00E-01	7.63E+00	8.05E+00	4.26E-01	8.29E+00	3.08E-01	
1000	136	54	208	82	103	45	9.17E+00	6.50E-01	1.24E+01	1.04E+01	5.57E-01	1.36E+01	5.18E-01	
1000	136	54	208	82	105	46	1.11E+01	8.00E-01	1.10E+01	1.29E+01	6.95E-01	1.22E+01	4.82E-01	
1000	136	54	208	82	107	47	1.31E+01	9.00E-01	1.62E+01	1.51E+01	8.19E-01	1.81E+01	7.53E-01	
1000	136	54	208	82	109	48	1.45E+01	1.00E+00	1.27E+01	1.64E+01	8.99E-01	1.44E+01	6.30E-01	
1000	136	54	208	82	111	49	1.51E+01	1.10E+00	1.51E+01	1.64E+01	9.08E-01	1.74E+01	8.05E-01	
1000	136	54	208	82	113	50	1.45E+01	1.30E+00	1.10E+01	1.47E+01	8.42E-01	1.29E+01	6.28E-01	
1000	136	54	208	82	115	51	1.19E+01	1.10E+00	9.41E+00	1.15E+01	7.11E-01	1.12E+01	5.79E-01	
1000	136	54	208	82	117	52	8.66E+00	9.60E-01	5.17E+00	7.58E+00	5.25E-01	6.24E+00	3.42E-01	
1000	136	54	208	82	119	53	5.07E+00	6.60E-01	2.58E+00	3.90E+00	3.06E-01	3.15E+00	1.82E-01	
1000	136	54	208	82	121	54	1.83E+00	2.80E-01	7.92E-01	1.33E+00	1.18E-01	9.83E-01	5.98E-02	
1000	136	54	208	82	123	55	3.77E-01	6.50E-02	1.44E-01	2.11E-01	2.26E-02	1.81E-01	1.15E-02	
1000	136	54	208	82	125	56	2.50E-02	5.00E-03	1.07E-02	7.90E-03	1.13E-03	1.36E-02	9.04E-04	
1000	136	54	208	82	80	33	4.10E-02	4.00E-03	3.43E-02	3.34E-02	4.25E-03	4.47E-02	2.69E-03	
1000	136	54	208	82	82	34	5.60E-02	5.00E-03	8.73E-02	5.66E-02	6.40E-03	1.09E-01	6.07E-03	
1000	136	54	208	82	84	35	1.02E-01	9.00E-03	1.04E-01	9.48E-02	9.57E-03	1.24E-01	6.46E-03	
1000	136	54	208	82	86	36	1.36E-01	1.00E-02	2.49E-01	1.57E-01	1.42E-02	2.90E-01	1.41E-02	
1000	136	54	208	82	88	37	2.22E-01	1.60E-02	3.23E-01	2.57E-01	2.09E-02	3.68E-01	1.68E-02	
1000	136	54	208	82	90	38	3.40E-01	2.50E-02	6.45E-01	4.16E-01	3.07E-02	7.23E-01	3.11E-02	
1000	136	54	208	82	92	39	5.51E-01	3.90E-02	8.34E-01	6.62E-01	4.48E-02	9.24E-01	3.78E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	94	40	8.74E-01	6.20E-02	1.59E+00	1.04E+00	6.53E-02	1.75E+00	6.87E-02	
1000	136	54	208	82	96	41	1.44E+00	1.00E-01	1.88E+00	1.61E+00	9.49E-02	2.06E+00	7.90E-02	
1000	136	54	208	82	98	42	2.22E+00	1.60E-01	3.59E+00	2.43E+00	1.38E-01	3.94E+00	1.49E-01	
1000	136	54	208	82	100	43	3.24E+00	2.30E-01	3.81E+00	3.61E+00	1.99E-01	4.19E+00	1.59E-01	
1000	136	54	208	82	102	44	4.72E+00	3.30E-01	7.01E+00	5.20E+00	2.83E-01	7.75E+00	2.99E-01	
1000	136	54	208	82	104	45	6.57E+00	4.70E-01	6.94E+00	7.26E+00	3.92E-01	7.74E+00	3.06E-01	
1000	136	54	208	82	106	46	8.73E+00	6.20E-01	1.19E+01	9.70E+00	5.24E-01	1.34E+01	5.49E-01	
1000	136	54	208	82	108	47	1.10E+01	8.00E-01	1.07E+01	1.23E+01	6.63E-01	1.22E+01	5.24E-01	
1000	136	54	208	82	110	48	1.35E+01	1.00E+00	1.64E+01	1.46E+01	7.88E-01	1.89E+01	8.53E-01	
1000	136	54	208	82	112	49	1.52E+01	1.10E+00	1.33E+01	1.60E+01	8.76E-01	1.55E+01	7.39E-01	
1000	136	54	208	82	114	50	1.65E+01	1.50E+00	1.71E+01	1.60E+01	9.18E-01	2.03E+01	1.02E+00	
1000	136	54	208	82	116	51	1.51E+01	1.40E+00	1.08E+01	1.42E+01	9.03E-01	1.30E+01	6.95E-01	
1000	136	54	208	82	118	52	1.31E+01	1.50E+00	1.01E+01	1.08E+01	7.88E-01	1.23E+01	6.90E-01	
1000	136	54	208	82	120	53	7.92E+00	1.03E+00	4.12E+00	6.56E+00	5.38E-01	5.09E+00	3.01E-01	
1000	136	54	208	82	122	54	3.66E+00	5.50E-01	1.87E+00	2.63E+00	2.36E-01	2.34E+00	1.45E-01	
1000	136	54	208	82	124	55	7.38E-01	1.26E-01	2.90E-01	4.75E-01	4.79E-02	3.65E-01	2.37E-02	
1000	136	54	208	82	126	56	4.40E-02	8.00E-03	2.63E-02	1.80E-02	2.36E-03	3.31E-02	2.23E-03	
1000	136	54	208	82	87	36	4.30E-02	7.00E-03	7.58E-02	5.59E-02	6.31E-03	9.07E-02	4.63E-03	
1000	136	54	208	82	89	37	5.70E-02	5.00E-03	1.69E-01	9.68E-02	9.78E-03	1.97E-01	9.42E-03	
1000	136	54	208	82	91	38	1.40E-01	1.10E-02	2.36E-01	1.66E-01	1.50E-02	2.71E-01	1.22E-02	
1000	136	54	208	82	93	39	2.45E-01	1.80E-02	4.90E-01	2.81E-01	2.29E-02	5.54E-01	2.38E-02	
1000	136	54	208	82	95	40	4.11E-01	3.00E-02	6.17E-01	4.69E-01	3.47E-02	6.92E-01	2.86E-02	
1000	136	54	208	82	97	41	7.24E-01	5.20E-02	1.34E+00	7.73E-01	5.22E-02	1.50E+00	6.02E-02	
1000	136	54	208	82	99	42	1.16E+00	8.00E-02	1.49E+00	1.25E+00	7.84E-02	1.67E+00	6.62E-02	
1000	136	54	208	82	101	43	1.94E+00	1.40E-01	3.12E+00	1.98E+00	1.17E-01	3.50E+00	1.39E-01	
1000	136	54	208	82	103	44	2.82E+00	2.00E-01	3.25E+00	3.07E+00	1.75E-01	3.66E+00	1.47E-01	
1000	136	54	208	82	105	45	4.47E+00	3.20E-01	6.35E+00	4.60E+00	2.56E-01	7.19E+00	2.97E-01	
1000	136	54	208	82	107	46	6.20E+00	4.40E-01	6.35E+00	6.62E+00	3.64E-01	7.25E+00	3.10E-01	
1000	136	54	208	82	109	47	8.81E+00	6.20E-01	1.11E+01	9.10E+00	4.97E-01	1.28E+01	5.72E-01	
1000	136	54	208	82	111	48	1.15E+01	9.00E-01	1.07E+01	1.18E+01	6.43E-01	1.25E+01	5.84E-01	
1000	136	54	208	82	113	49	1.47E+01	1.00E+00	1.66E+01	1.42E+01	7.92E-01	1.97E+01	9.72E-01	
1000	136	54	208	82	117	51	1.79E+01	1.60E+00	1.75E+01	1.59E+01	1.08E+00	2.12E+01	1.16E+00	
1000	136	54	208	82	119	52	1.63E+01	1.80E+00	1.10E+01	1.41E+01	1.10E+00	1.36E+01	7.85E-01	
1000	136	54	208	82	121	53	1.19E+01	1.60E+00	8.22E+00	1.01E+01	8.82E-01	1.02E+01	6.20E-01	
1000	136	54	208	82	123	54	5.63E+00	8.50E-01	2.82E+00	4.75E+00	4.39E-01	3.55E+00	2.24E-01	
1000	136	54	208	82	125	55	1.32E+00	2.30E-01	6.84E-01	9.57E-01	9.33E-02	8.61E-01	5.66E-02	
1000	136	54	208	82	127	56	6.70E-02	1.20E-02	4.23E-02	3.55E-02	4.43E-03	5.30E-02	3.61E-03	
1000	136	54	208	82	92	38	5.20E-02	6.00E-03	1.21E-01	6.17E-02	6.79E-03	1.42E-01	6.74E-03	
1000	136	54	208	82	94	39	8.50E-02	7.00E-03	1.68E-01	1.11E-01	1.09E-02	1.94E-01	8.78E-03	
1000	136	54	208	82	96	40	1.72E-01	1.30E-02	3.88E-01	1.97E-01	1.73E-02	4.44E-01	1.93E-02	
1000	136	54	208	82	98	41	3.29E-01	2.40E-02	4.84E-01	3.46E-01	2.71E-02	5.52E-01	2.34E-02	
1000	136	54	208	82	100	42	5.85E-01	4.20E-02	1.08E+00	5.97E-01	4.23E-02	1.23E+00	5.14E-02	
1000	136	54	208	82	102	43	9.99E-01	7.10E-02	1.25E+00	1.01E+00	6.57E-02	1.43E+00	5.95E-02	
1000	136	54	208	82	104	44	1.63E+00	1.20E-01	2.67E+00	1.68E+00	1.02E-01	3.04E+00	1.28E-01	
1000	136	54	208	82	106	45	2.63E+00	1.90E-01	2.90E+00	2.70E+00	1.57E-01	3.33E+00	1.44E-01	
1000	136	54	208	82	108	46	4.11E+00	2.90E-01	5.69E+00	4.19E+00	2.37E-01	6.60E+00	2.95E-01	
1000	136	54	208	82	110	47	6.17E+00	4.40E-01	5.98E+00	6.23E+00	3.48E-01	7.00E+00	3.25E-01	
1000	136	54	208	82	112	48	8.99E+00	6.40E-01	1.08E+01	8.80E+00	4.91E-01	1.28E+01	6.22E-01	
1000	136	54	208	82	114	49	1.23E+01	9.00E-01	1.10E+01	1.17E+01	6.72E-01	1.32E+01	6.74E-01	
1000	136	54	208	82	116	50	1.62E+01	1.50E+00	1.79E+01	1.45E+01	9.07E-01	2.17E+01	1.17E+00	
1000	136	54	208	82	118	51	1.88E+01	1.70E+00	1.46E+01	1.67E+01	1.20E+00	1.80E+01	1.02E+00	
1000	136	54	208	82	120	52	1.95E+01	2.20E+00	1.75E+01	1.72E+01	1.44E+00	2.18E+01	1.29E+00	
1000	136	54	208	82	122	53	1.56E+01	2.00E+00	9.52E+00	1.45E+01	1.34E+00	1.19E+01	7.37E-01	
1000	136	54	208	82	124	54	9.07E+00	1.36E+00	5.60E+00	7.99E+00	7.64E-01	7.04E+00	4.52E-01	
1000	136	54	208	82	126	55	2.00E+00	3.40E-01	1.00E+00	1.76E+00	1.69E-01	1.26E+00	8.36E-02	
1000	136	54	208	82	128	56	9.00E-02	1.60E-02	8.34E-02	6.14E-02	7.61E-03	1.03E-01	7.08E-03	
1000	136	54	208	82	97	40	7.80E-02	7.00E-03	1.27E-01	7.75E-02	8.05E-03	1.48E-01	6.79E-03	
1000	136	54	208	82	99	41	1.48E-01	1.20E-02	3.09E-01	1.45E-01	1.33E-02	3.58E-01	1.60E-02	
1000	136	54	208	82	101	42	2.57E-01	1.90E-02	3.80E-01	2.67E-01	2.17E-02	4.39E-01	1.93E-02	
1000	136	54	208	82	103	43	5.38E-01	3.90E-02	9.11E-01	4.85E-01	3.52E-02	1.05E+00	4.63E-02	
1000	136	54	208	82	105	44	8.52E-01	6.10E-02	1.05E+00	8.61E-01	5.69E-02	1.22E+00	5.42E-02	
1000	136	54	208	82	107	45	1.56E+00	1.10E-01	2.35E+00	1.49E+00	9.18E-02	2.74E+00	1.24E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	109	46	2.51E+00	1.80E-01	2.59E+00	2.49E+00	1.47E-01	3.04E+00	1.42E-01	
1000	136	54	208	82	111	47	4.28E+00	3.00E-01	5.34E+00	4.01E+00	2.31E-01	6.33E+00	3.07E-01	
1000	136	54	208	82	113	48	6.51E+00	4.60E-01	5.92E+00	6.19E+00	3.55E-01	7.10E+00	3.59E-01	
1000	136	54	208	82	115	49	1.02E+01	7.00E-01	1.15E+01	9.08E+00	5.37E-01	1.40E+01	7.40E-01	
1000	136	54	208	82	117	50	1.46E+01	1.30E+00	1.18E+01	1.27E+01	8.18E-01	1.45E+01	8.02E-01	
1000	136	54	208	82	119	51	1.91E+01	1.70E+00	1.98E+01	1.66E+01	1.25E+00	2.45E+01	1.42E+00	
1000	136	54	208	82	121	52	2.19E+01	2.40E+00	1.51E+01	2.00E+01	1.75E+00	1.89E+01	1.15E+00	
1000	136	54	208	82	123	53	2.05E+01	2.70E+00	1.60E+01	1.99E+01	1.92E+00	2.01E+01	1.27E+00	
1000	136	54	208	82	125	54	1.17E+01	1.80E+00	6.52E+00	1.27E+01	1.24E+00	8.17E+00	5.32E-01	
1000	136	54	208	82	127	55	3.04E+00	5.20E-01	2.04E+00	3.01E+00	2.87E-01	2.53E+00	1.70E-01	
1000	136	54	208	82	129	56	9.30E-02	1.60E-02	9.74E-02	9.43E-02	1.21E-02	1.17E-01	8.18E-03	
1000	136	54	208	82	100	41	4.60E-02	6.00E-03	9.43E-02	5.72E-02	6.15E-03	1.11E-01	5.27E-03	
1000	136	54	208	82	102	42	1.00E-01	1.00E-02	2.43E-01	1.13E-01	1.06E-02	2.86E-01	1.33E-02	
1000	136	54	208	82	104	43	2.11E-01	1.60E-02	3.15E-01	2.19E-01	1.81E-02	3.70E-01	1.72E-02	
1000	136	54	208	82	106	44	4.18E-01	3.10E-02	7.59E-01	4.17E-01	3.08E-02	8.94E-01	4.18E-02	
1000	136	54	208	82	108	45	7.89E-01	5.70E-02	9.21E-01	7.75E-01	5.21E-02	1.09E+00	5.19E-02	
1000	136	54	208	82	110	46	1.46E+00	1.00E-01	2.09E+00	1.40E+00	8.82E-02	2.48E+00	1.22E-01	
1000	136	54	208	82	112	47	2.58E+00	1.80E-01	2.50E+00	2.45E+00	1.48E-01	3.00E+00	1.52E-01	
1000	136	54	208	82	114	48	4.58E+00	3.20E-01	5.51E+00	4.13E+00	2.46E-01	6.68E+00	3.52E-01	
1000	136	54	208	82	116	49	7.50E+00	5.30E-01	6.43E+00	6.71E+00	4.09E-01	7.88E+00	4.32E-01	
1000	136	54	208	82	118	50	1.19E+01	1.10E+00	1.32E+01	1.05E+01	6.99E-01	1.63E+01	9.31E-01	
1000	136	54	208	82	120	51	1.74E+01	1.60E+00	1.34E+01	1.59E+01	1.22E+00	1.68E+01	9.99E-01	
1000	136	54	208	82	122	52	2.29E+01	2.50E+00	2.14E+01	2.24E+01	2.01E+00	2.68E+01	1.66E+00	
1000	136	54	208	82	124	53	2.31E+01	3.00E+00	1.49E+01	2.63E+01	2.59E+00	1.86E+01	1.19E+00	
1000	136	54	208	82	126	54	1.80E+01	2.70E+00	1.17E+01	1.94E+01	1.91E+00	1.45E+01	9.55E-01	
1000	136	54	208	82	128	55	4.01E+00	6.80E-01	2.37E+00	4.80E+00	4.54E-01	2.88E+00	1.96E-01	
1000	136	54	208	82	130	56	8.80E-02	1.50E-02	1.65E-01	1.28E-01	1.78E-02	1.91E-01	1.38E-02	
1000	136	54	208	82	105	43	9.90E-02	1.00E-02	2.00E-01	9.33E-02	8.96E-03	2.38E-01	1.16E-02	
1000	136	54	208	82	107	44	1.87E-01	1.50E-02	2.59E-01	1.91E-01	1.61E-02	3.09E-01	1.52E-02	
1000	136	54	208	82	109	45	4.25E-01	3.10E-02	6.66E-01	3.83E-01	2.89E-02	7.98E-01	3.99E-02	
1000	136	54	208	82	111	46	7.42E-01	5.40E-02	8.28E-01	7.48E-01	5.19E-02	9.99E-01	5.12E-02	
1000	136	54	208	82	113	47	1.59E+00	1.10E-01	2.09E+00	1.42E+00	9.30E-02	2.54E+00	1.34E-01	
1000	136	54	208	82	115	48	2.90E+00	2.10E-01	2.66E+00	2.63E+00	1.66E-01	3.27E+00	1.79E-01	
1000	136	54	208	82	117	49	5.57E+00	3.90E-01	6.40E+00	4.75E+00	3.01E-01	7.92E+00	4.49E-01	
1000	136	54	208	82	119	50	9.58E+00	8.70E-01	7.66E+00	8.42E+00	5.72E-01	9.54E+00	5.61E-01	
1000	136	54	208	82	121	51	1.60E+01	1.50E+00	1.58E+01	1.47E+01	1.14E+00	1.98E+01	1.21E+00	
1000	136	54	208	82	123	52	2.32E+01	2.60E+00	1.59E+01	2.43E+01	2.20E+00	1.99E+01	1.25E+00	
1000	136	54	208	82	125	53	2.87E+01	3.70E+00	2.24E+01	3.38E+01	3.33E+00	2.79E+01	1.80E+00	
1000	136	54	208	82	127	54	2.01E+01	3.00E+00	1.19E+01	2.84E+01	2.78E+00	1.45E+01	9.66E-01	
1000	136	54	208	82	129	55	5.45E+00	9.30E-01	4.28E+00	7.09E+00	6.70E-01	5.01E+00	3.51E-01	
1000	136	54	208	82	131	56	7.50E-02	1.30E-02	1.73E-01	1.54E-01	2.37E-02	1.88E-01	1.47E-02	
1000	136	54	208	82	108	44	7.70E-02	8.00E-03	1.64E-01	8.27E-02	8.11E-03	1.99E-01	1.03E-02	
1000	136	54	208	82	110	45	1.71E-01	1.40E-02	2.24E-01	1.79E-01	1.56E-02	2.72E-01	1.43E-02	
1000	136	54	208	82	112	46	4.02E-01	3.00E-02	6.22E-01	3.79E-01	2.98E-02	7.60E-01	4.07E-02	
1000	136	54	208	82	114	47	8.72E-01	6.30E-02	8.65E-01	7.86E-01	5.72E-02	1.06E+00	5.85E-02	
1000	136	54	208	82	116	48	1.79E+00	1.30E-01	2.36E+00	1.60E+00	1.10E-01	2.93E+00	1.66E-01	
1000	136	54	208	82	118	49	3.70E+00	2.60E-01	3.25E+00	3.22E+00	2.16E-01	4.06E+00	2.37E-01	
1000	136	54	208	82	120	50	6.96E+00	6.30E-01	8.01E+00	6.48E+00	4.52E-01	1.00E+01	6.05E-01	
1000	136	54	208	82	122	51	1.32E+01	1.20E+00	9.94E+00	1.31E+01	1.03E+00	1.25E+01	7.73E-01	
1000	136	54	208	82	124	52	2.20E+01	2.40E+00	1.99E+01	2.56E+01	2.30E+00	2.48E+01	1.58E+00	
1000	136	54	208	82	126	53	2.85E+01	3.70E+00	1.86E+01	4.20E+01	4.09E+00	2.27E+01	1.49E+00	
1000	136	54	208	82	128	54	2.75E+01	4.10E+00	1.92E+01	3.95E+01	3.82E+00	2.27E+01	1.54E+00	
1000	136	54	208	82	130	55	6.56E+00	1.12E+00	4.63E+00	9.65E+00	9.21E-01	5.16E+00	3.84E-01	
1000	136	54	208	82	132	56	4.60E-02	8.00E-03	2.71E-01	1.59E-01	2.80E-02	2.74E-01	2.44E-02	
1000	136	54	208	82	111	45	7.00E-02	8.00E-03	1.48E-01	7.88E-02	7.98E-03	1.82E-01	9.99E-03	
1000	136	54	208	82	113	46	1.44E-01	1.30E-02	2.18E-01	1.81E-01	1.65E-02	2.70E-01	1.51E-02	
1000	136	54	208	82	115	47	4.58E-01	3.40E-02	6.84E-01	4.11E-01	3.40E-02	8.50E-01	4.86E-02	
1000	136	54	208	82	117	48	1.03E+00	7.00E-02	1.03E+00	9.24E-01	7.05E-02	1.29E+00	7.55E-02	
1000	136	54	208	82	119	49	2.44E+00	1.70E-01	3.07E+00	2.08E+00	1.50E-01	3.85E+00	2.31E-01	
1000	136	54	208	82	121	50	5.07E+00	4.60E-01	4.33E+00	4.78E+00	3.45E-01	5.43E+00	3.35E-01	
1000	136	54	208	82	123	51	1.10E+01	1.00E+00	1.10E+01	1.13E+01	8.84E-01	1.37E+01	8.64E-01	
1000	136	54	208	82	125	52	2.05E+01	2.30E+00	1.36E+01	2.61E+01	2.31E+00	1.68E+01	1.08E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	136	54	208	82	127	53	3.52E+01	4.60E+00	2.58E+01	5.03E+01	4.80E+00	3.08E+01	2.05E+00	
1000	136	54	208	82	129	54	3.25E+01	4.90E+00	1.78E+01	5.19E+01	4.94E+00	2.02E+01	1.44E+00	
1000	136	54	208	82	131	55	7.60E+00	1.29E+00	8.80E+00	1.19E+01	1.17E+00	9.13E+00	7.61E-01	
1000	136	54	208	82	133	56	2.80E-02	5.00E-03	2.27E-01	1.40E-01	2.86E-02	2.05E-01	2.24E-02	
1000	136	54	208	82	114	46	7.20E-02	8.00E-03	1.52E-01	8.15E-02	8.56E-03	1.89E-01	1.10E-02	
1000	136	54	208	82	116	47	2.24E-01	1.80E-02	2.57E-01	2.02E-01	1.91E-02	3.22E-01	1.90E-02	
1000	136	54	208	82	118	48	5.76E-01	4.30E-02	8.67E-01	5.04E-01	4.31E-02	1.09E+00	6.57E-02	
1000	136	54	208	82	120	49	1.43E+00	1.00E-01	1.43E+00	1.28E+00	1.00E-01	1.79E+00	1.10E-01	
1000	136	54	208	82	122	50	3.54E+00	3.20E-01	4.29E+00	3.36E+00	2.52E-01	5.37E+00	3.36E-01	
1000	136	54	208	82	124	51	8.46E+00	7.70E-01	6.34E+00	9.27E+00	7.28E-01	7.84E+00	4.98E-01	
1000	136	54	208	82	126	52	1.85E+01	2.00E+00	1.60E+01	2.55E+01	2.21E+00	1.93E+01	1.26E+00	
1000	136	54	208	82	128	53	3.22E+01	4.20E+00	1.99E+01	5.72E+01	5.35E+00	2.28E+01	1.57E+00	
1000	136	54	208	82	130	54	4.40E+01	6.60E+00	2.89E+01	6.35E+01	5.99E+00	3.07E+01	2.40E+00	
1000	136	54	208	82	132	55	8.17E+00	1.39E+00	1.04E+01	1.30E+01	1.37E+00	9.76E+00	9.77E-01	
1000	136	54	208	82	119	48	2.63E-01	2.20E-02	3.48E-01	2.57E-01	2.46E-02	4.39E-01	2.72E-02	
1000	136	54	208	82	121	49	9.93E-01	8.00E-02	1.26E+00	7.34E-01	6.26E-02	1.58E+00	9.87E-02	
1000	136	54	208	82	123	50	2.43E+00	2.20E-01	2.10E+00	2.23E+00	1.75E-01	2.60E+00	1.65E-01	
1000	136	54	208	82	125	51	6.62E+00	6.00E-01	6.50E+00	7.22E+00	5.68E-01	7.90E+00	5.08E-01	
1000	136	54	208	82	127	52	1.61E+01	1.80E+00	9.96E+00	2.35E+01	2.00E+00	1.16E+01	7.76E-01	
1000	136	54	208	82	129	53	3.83E+01	5.00E+00	2.57E+01	6.09E+01	5.61E+00	2.80E+01	2.07E+00	
1000	136	54	208	82	131	54	5.70E+01	8.60E+00	3.05E+01	7.05E+01	6.71E+00	2.97E+01	2.73E+00	
1000	136	54	208	82	133	55	7.39E+00	1.26E+00	2.01E+01	1.22E+01	1.45E+00	1.65E+01	2.11E+00	
1000	136	54	208	82	122	49	5.05E-01	5.10E-02	5.26E-01	3.91E-01	3.61E-02	6.58E-01	4.16E-02	
1000	136	54	208	82	124	50	1.73E+00	1.60E-01	1.88E+00	1.37E+00	1.12E-01	2.30E+00	1.47E-01	
1000	136	54	208	82	126	51	4.84E+00	4.40E-01	3.32E+00	5.25E+00	4.12E-01	3.92E+00	2.57E-01	
1000	136	54	208	82	128	52	1.41E+01	1.60E+00	1.07E+01	2.03E+01	1.69E+00	1.19E+01	8.40E-01	
1000	136	54	208	82	130	53	3.39E+01	4.40E+00	1.89E+01	5.96E+01	5.45E+00	1.90E+01	1.61E+00	
1000	136	54	208	82	132	54	9.58E+01	1.44E+01	5.79E+01	6.96E+01	6.87E+00	5.02E+01	5.76E+00	
1000	136	54	208	82	134	55	5.59E+00	9.50E-01	2.24E+01	9.58E+00	1.33E+00	1.54E+01	2.61E+00	
1000	136	54	208	82	127	51	4.28E+00	4.10E-01	2.97E+00	3.51E+00	2.75E-01	3.36E+00	2.29E-01	
1000	136	54	208	82	129	52	1.09E+01	1.20E+00	5.79E+00	1.59E+01	1.32E+00	6.02E+00	4.75E-01	
1000	136	54	208	82	131	53	4.45E+01	5.80E+00	2.60E+01	5.23E+01	4.88E+00	2.36E+01	2.45E+00	
1000	136	54	208	82	133	54	2.07E+02	3.10E+01	6.62E+01	5.91E+01	6.37E+00	4.89E+01	7.36E+00	
1000	136	54	208	82	135	55	2.98E+00	5.10E-01	3.74E+01	6.06E+00	1.02E+00	2.03E+01	4.64E+00	
1000	136	54	208	82	122	48	3.30E-02	4.00E-03	6.62E-02	1.98E-02	2.46E-03	8.24E-02	5.31E-03	
1000	136	54	208	82	124	49	1.01E-01	1.70E-02	1.47E-01	8.33E-02	8.66E-03	1.78E-01	1.15E-02	
1000	136	54	208	82	128	51	1.66E+00	1.70E-01	1.27E+00	2.11E+00	1.68E-01	1.35E+00	1.00E-01	
1000	136	54	208	82	130	52	9.86E+00	1.11E+00	5.37E+00	1.12E+01	9.45E-01	5.08E+00	4.79E-01	
1000	136	54	208	82	132	53	3.74E+01	4.90E+00	2.07E+01	4.01E+01	4.00E+00	1.63E+01	2.19E+00	
1000	136	54	208	82	134	54	6.56E+02	9.80E+01	1.66E+02	4.18E+01	5.24E+00	7.55E+01	1.53E+01	
1000	136	54	208	82	136	55	1.28E+00	2.20E-01	2.95E+01	2.97E+00	6.25E-01	1.18E+01	3.65E+00	
1000	136	54	208	82	125	49	6.80E-02	6.00E-03	9.39E-02	3.21E-02	3.53E-03	1.10E-01	7.20E-03	
1000	136	54	208	82	127	50	2.18E-01	2.10E-02	2.05E-01	1.78E-01	1.63E-02	2.25E-01	1.59E-02	
1000	136	54	208	82	129	51	8.44E-01	7.80E-02	8.69E-01	1.12E+00	9.42E-02	8.54E-01	7.38E-02	
1000	136	54	208	82	133	53	3.17E+01	4.30E+00	2.64E+01	2.61E+01	2.98E+00	1.72E+01	3.09E+00	
1000	136	54	208	82	135	54	2.20E+03	3.31E+02	1.20E+02	2.37E+01	3.67E+00	5.45E+01	1.49E+01	
1000	136	54	208	82	124	48	4.40E-03	4.00E-04	1.10E-02	1.95E-03	2.75E-04	1.31E-02	8.55E-04	
1000	136	54	208	82	126	49	1.20E-02	1.00E-03	2.59E-02	1.07E-02	1.27E-03	2.90E-02	1.98E-03	
1000	136	54	208	82	130	51	5.02E-01	4.90E-02	2.83E-01	5.11E-01	4.96E-02	2.48E-01	2.68E-02	
1000	136	54	208	82	132	52	3.56E+00	3.90E-01	2.25E+00	3.57E+00	3.91E-01	1.58E+00	2.51E-01	
1000	136	54	208	82	134	53	2.66E+01	3.50E+00	1.45E+01	1.39E+01	1.96E+00	7.36E+00	1.78E+00	
1000	136	54	208	82	125	48	1.30E-03	2.00E-04	2.52E-03	4.82E-04	7.47E-05	2.89E-03	1.94E-04	
1000	136	54	208	82	127	49	5.70E-03	5.00E-04	1.18E-02	3.04E-03	4.10E-04	1.24E-02	9.30E-04	
1000	136	54	208	82	129	50	2.50E-02	2.00E-03	2.62E-02	2.28E-02	2.80E-03	2.41E-02	2.34E-03	
1000	136	54	208	82	131	51	1.74E-01	1.80E-02	1.49E-01	1.97E-01	2.41E-02	1.12E-01	1.58E-02	
1000	136	54	208	82	133	52	5.25E-01	5.90E-02	6.83E-01	1.53E+00	2.15E-01	3.85E-01	8.25E-02	
1000	136	54	208	82	135	53	3.06E+01	3.90E+00	1.44E+01	5.86E+00	1.07E+00	5.35E+00	1.76E+00	
1000	136	54	208	82	130	50	6.40E-03	6.00E-04	9.07E-03	6.25E-03	9.86E-04	7.30E-03	9.14E-04	
1000	136	54	208	82	132	51	4.70E-02	4.00E-03	2.66E-02	6.21E-02	1.01E-02	1.65E-02	3.11E-03	
1000	136	54	208	82	134	52	3.19E-01	3.50E-02	3.34E-01	5.27E-01	9.84E-02	1.42E-01	4.14E-02	
1000	136	54	208	82	133	51	7.00E-03	7.00E-04	7.42E-03	1.57E-02	3.45E-03	3.58E-03	9.19E-04	
1000	136	54	208	82	135	52	3.80E-03	5.00E-04	3.78E-02	1.41E-01	3.52E-02	1.16E-02	4.60E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	1000	136	54	208	82	39	15	1.00E-02	3.00E-03	3.86E-04	4.34E-03	6.27E-04	5.96E-03	8.49E-04
[6]	1000	208	82	9	4	170	70	5.50E-02	1.10E-02	9.24E-02	3.81E-02	5.73E-03	6.73E-02	3.25E-03
	1000	208	82	9	4	171	70	3.20E-02	6.70E-03	4.82E-02	2.15E-02	2.93E-03	3.57E-02	1.69E-03
	1000	208	82	9	4	172	70	1.70E-02	3.60E-03	2.45E-02	1.20E-02	1.50E-03	1.85E-02	8.55E-04
	1000	208	82	9	4	173	70	5.80E-03	1.30E-03	1.22E-02	6.64E-03	7.67E-04	9.32E-03	4.24E-04
	1000	208	82	9	4	174	70	3.20E-03	7.10E-04	5.91E-03	3.61E-03	3.92E-04	4.60E-03	2.07E-04
	1000	208	82	9	4	175	70	1.90E-03	4.30E-04	2.82E-03	1.92E-03	2.00E-04	2.22E-03	9.92E-05
	1000	208	82	9	4	176	70	8.70E-04	2.30E-04	1.32E-03	9.94E-04	1.02E-04	1.06E-03	4.69E-05
	1000	208	82	9	4	177	70	3.30E-04	1.20E-04	6.11E-04	4.95E-04	5.07E-05	4.95E-04	2.20E-05
	1000	208	82	9	4	178	70	1.70E-04	6.00E-05	2.42E-04	2.36E-04	2.46E-05	1.99E-04	8.84E-06
	1000	208	82	9	4	179	70	7.90E-05	1.60E-05	1.05E-04	1.06E-04	1.14E-05	8.71E-05	3.91E-06
	1000	208	82	9	4	180	70	4.10E-05	8.50E-06	4.45E-05	4.45E-05	5.00E-06	3.75E-05	1.70E-06
	1000	208	82	9	4	181	70	1.30E-05	2.70E-06	1.85E-05	1.72E-05	2.03E-06	1.58E-05	7.28E-07
	1000	208	82	9	4	182	70	3.60E-06	7.60E-07	7.52E-06	6.06E-06	7.52E-07	6.48E-06	3.05E-07
	1000	208	82	9	4	170	71	1.90E-01	3.90E-02	4.85E-01	2.46E-01	4.10E-02	3.38E-01	1.74E-02
	1000	208	82	9	4	171	71	9.90E-02	2.10E-02	2.84E-01	1.46E-01	2.15E-02	2.02E-01	1.01E-02
	1000	208	82	9	4	172	71	6.40E-02	1.30E-02	1.61E-01	8.65E-02	1.12E-02	1.17E-01	5.68E-03
	1000	208	82	9	4	173	71	4.20E-02	8.70E-03	8.87E-02	5.09E-02	5.84E-03	6.54E-02	3.11E-03
	1000	208	82	9	4	174	71	2.20E-02	4.60E-03	4.77E-02	2.97E-02	3.03E-03	3.57E-02	1.67E-03
	1000	208	82	9	4	175	71	1.50E-02	3.20E-03	2.51E-02	1.72E-02	1.58E-03	1.91E-02	8.75E-04
	1000	208	82	9	4	176	71	8.60E-03	1.80E-03	1.29E-02	9.77E-03	8.27E-04	9.99E-03	4.52E-04
	1000	208	82	9	4	177	71	4.80E-03	1.00E-03	6.53E-03	5.43E-03	4.38E-04	5.14E-03	2.30E-04
	1000	208	82	9	4	178	71	3.00E-03	6.70E-04	3.26E-03	2.93E-03	2.33E-04	2.60E-03	1.16E-04
	1000	208	82	9	4	179	71	1.50E-03	4.10E-04	1.60E-03	1.53E-03	1.23E-04	1.30E-03	5.76E-05
	1000	208	82	9	4	180	71	6.80E-04	1.70E-04	7.77E-04	7.58E-04	6.34E-05	6.38E-04	2.85E-05
	1000	208	82	9	4	181	71	2.70E-04	1.20E-04	3.21E-04	3.55E-04	3.11E-05	2.67E-04	1.20E-05
	1000	208	82	9	4	182	71	1.10E-04	2.80E-05	1.45E-04	1.55E-04	1.43E-05	1.22E-04	5.56E-06
	1000	208	82	9	4	183	71	4.10E-05	1.10E-05	6.38E-05	6.26E-05	6.07E-06	5.43E-05	2.51E-06
	1000	208	82	9	4	184	71	1.90E-05	4.40E-06	2.72E-05	2.29E-05	2.34E-06	2.34E-05	1.11E-06
	1000	208	82	9	4	185	71	6.90E-06	1.70E-06	1.12E-05	7.47E-06	8.10E-07	9.69E-06	4.69E-07
	1000	208	82	9	4	186	71	2.90E-06	7.00E-07	4.37E-06	2.14E-06	2.49E-07	3.83E-06	1.91E-07
	1000	208	82	9	4	174	72	3.00E-01	5.40E-02	2.85E-01	1.88E-01	2.27E-02	2.05E-01	1.01E-02
	1000	208	82	9	4	175	72	1.60E-01	2.90E-02	1.66E-01	1.16E-01	1.21E-02	1.22E-01	5.85E-03
	1000	208	82	9	4	177	72	5.70E-02	1.40E-02	5.27E-02	4.29E-02	3.44E-03	4.00E-02	1.85E-03
	1000	208	82	9	4	178	72	3.40E-02	6.30E-03	2.88E-02	2.55E-02	1.86E-03	2.23E-02	1.01E-03
	1000	208	82	9	4	179	72	2.10E-02	3.90E-03	1.55E-02	1.48E-02	1.02E-03	1.22E-02	5.48E-04
	1000	208	82	9	4	180	72	9.20E-03	1.70E-03	8.23E-03	8.38E-03	5.70E-04	6.56E-03	2.93E-04
	1000	208	82	9	4	181	72	5.00E-03	9.80E-04	4.30E-03	4.56E-03	3.16E-04	3.47E-03	1.55E-04
	1000	208	82	9	4	182	72	2.20E-03	5.40E-04	2.21E-03	2.37E-03	1.71E-04	1.81E-03	8.11E-05
	1000	208	82	9	4	183	72	7.80E-04	1.90E-04	1.11E-03	1.16E-03	8.74E-05	9.24E-04	4.18E-05
	1000	208	82	9	4	184	72	4.50E-04	1.30E-04	4.71E-04	5.29E-04	4.18E-05	3.96E-04	1.81E-05
	1000	208	82	9	4	185	72	2.20E-04	8.00E-05	2.17E-04	2.22E-04	1.83E-05	1.84E-04	8.59E-06
	1000	208	82	9	4	186	72	7.30E-05	2.00E-05	9.60E-05	8.43E-05	7.26E-06	8.26E-05	3.92E-06
	1000	208	82	9	4	187	72	3.10E-05	6.80E-06	4.06E-05	2.86E-05	2.59E-06	3.52E-05	1.71E-06
	1000	208	82	9	4	188	72	9.90E-06	2.10E-06	1.62E-05	8.50E-06	8.20E-07	1.42E-05	7.09E-07
	1000	208	82	9	4	189	72	3.80E-06	8.40E-07	6.05E-06	2.18E-06	2.29E-07	5.34E-06	2.74E-07
	1000	208	82	9	4	190	72	1.30E-06	3.70E-07	2.09E-06	4.71E-07	5.58E-08	1.85E-06	9.80E-08
	1000	208	82	9	4	176	73	4.60E-01	9.70E-02	5.06E-01	3.90E-01	4.61E-02	3.63E-01	1.81E-02
	1000	208	82	9	4	177	73	3.10E-01	5.70E-02	3.13E-01	2.51E-01	2.56E-02	2.29E-01	1.11E-02
	1000	208	82	9	4	178	73	1.90E-01	3.40E-02	1.89E-01	1.61E-01	1.42E-02	1.41E-01	6.70E-03
	1000	208	82	9	4	179	73	9.60E-02	1.70E-02	1.12E-01	1.02E-01	7.92E-03	8.51E-02	3.96E-03
	1000	208	82	9	4	180	73	6.20E-02	1.10E-02	6.53E-02	6.36E-02	4.46E-03	5.04E-02	2.31E-03
	1000	208	82	9	4	181	73	4.30E-02	9.20E-03	3.73E-02	3.88E-02	2.56E-03	2.93E-02	1.33E-03
	1000	208	82	9	4	182	73	2.50E-02	4.70E-03	2.10E-02	2.30E-02	1.49E-03	1.67E-02	7.53E-04
	1000	208	82	9	4	183	73	1.50E-02	2.80E-03	1.16E-02	1.31E-02	8.59E-04	9.36E-03	4.21E-04
	1000	208	82	9	4	184	73	6.90E-03	1.30E-03	6.25E-03	7.13E-03	4.80E-04	5.13E-03	2.32E-04
	1000	208	82	9	4	185	73	4.00E-03	8.40E-04	3.30E-03	3.65E-03	2.54E-04	2.74E-03	1.25E-04
	1000	208	82	9	4	186	73	1.30E-03	3.00E-04	1.69E-03	1.74E-03	1.25E-04	1.43E-03	6.57E-05
	1000	208	82	9	4	187	73	6.00E-04	1.20E-04	7.18E-04	7.65E-04	5.63E-05	6.11E-04	2.86E-05
	1000	208	82	9	4	188	73	2.70E-04	5.70E-05	3.28E-04	3.03E-04	2.29E-05	2.82E-04	1.35E-05
	1000	208	82	9	4	189	73	1.00E-04	2.20E-05	1.41E-04	1.07E-04	8.40E-06	1.23E-04	6.01E-06
	1000	208	82	9	4	190	73	4.80E-05	9.40E-06	5.71E-05	3.32E-05	2.75E-06	5.01E-05	2.51E-06

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	208	82	9	4	191	73	1.60E-05	3.20E-06	2.13E-05	8.83E-06	8.02E-07	1.88E-05	9.66E-07	
1000	208	82	9	4	192	73	4.00E-06	9.40E-07	7.20E-06	1.98E-06	2.04E-07	6.38E-06	3.38E-07	
1000	208	82	9	4	193	73	4.30E-07	0.00E+00	2.17E-06	3.68E-07	4.45E-08	1.93E-06	1.05E-07	
1000	208	82	9	4	178	74	7.50E-01	1.40E-01	8.96E-01	7.54E-01	9.02E-02	6.43E-01	3.24E-02	
1000	208	82	9	4	179	74	4.80E-01	9.10E-02	5.90E-01	5.11E-01	5.29E-02	4.31E-01	2.12E-02	
1000	208	82	9	4	180	74	3.10E-01	9.20E-02	3.79E-01	3.44E-01	3.09E-02	2.83E-01	1.36E-02	
1000	208	82	9	4	181	74	2.10E-01	4.60E-02	2.39E-01	2.29E-01	1.82E-02	1.81E-01	8.53E-03	
1000	208	82	9	4	182	74	1.30E-01	2.70E-02	1.48E-01	1.50E-01	1.08E-02	1.14E-01	5.28E-03	
1000	208	82	9	4	183	74	8.00E-02	1.70E-02	8.94E-02	9.66E-02	6.51E-03	7.02E-02	3.22E-03	
1000	208	82	9	4	184	74	4.80E-02	9.20E-03	5.31E-02	6.02E-02	3.95E-03	4.24E-02	1.93E-03	
1000	208	82	9	4	185	74	2.90E-02	6.10E-03	3.08E-02	3.62E-02	2.37E-03	2.50E-02	1.13E-03	
1000	208	82	9	4	186	74	1.70E-02	3.60E-03	1.75E-02	2.07E-02	1.38E-03	1.44E-02	6.53E-04	
1000	208	82	9	4	187	74	1.00E-02	2.10E-03	9.61E-03	1.12E-02	7.56E-04	8.01E-03	3.67E-04	
1000	208	82	9	4	188	74	5.20E-03	1.00E-03	5.11E-03	5.60E-03	3.85E-04	4.32E-03	2.00E-04	
1000	208	82	9	4	189	74	2.10E-03	5.00E-04	2.61E-03	2.58E-03	1.79E-04	2.23E-03	1.05E-04	
1000	208	82	9	4	190	74	6.30E-04	1.50E-04	1.08E-03	1.08E-03	7.57E-05	9.31E-04	4.47E-05	
1000	208	82	9	4	191	74	2.10E-04	4.50E-05	4.74E-04	3.99E-04	2.88E-05	4.13E-04	2.02E-05	
1000	208	82	9	4	192	74	1.00E-04	1.90E-05	1.92E-04	1.30E-04	9.82E-06	1.69E-04	8.46E-06	
1000	208	82	9	4	193	74	4.20E-05	9.00E-06	7.11E-05	3.61E-05	2.99E-06	6.27E-05	3.22E-06	
1000	208	82	9	4	194	74	1.50E-05	3.60E-06	2.35E-05	8.49E-06	8.01E-07	2.08E-05	1.09E-06	
1000	208	82	9	4	195	74	3.20E-06	1.10E-06	6.78E-06	1.65E-06	1.83E-07	5.99E-06	3.24E-07	
1000	208	82	9	4	182	75	8.50E-01	1.60E-01	7.49E-01	6.84E-01	6.37E-02	5.58E-01	2.72E-02	
1000	208	82	9	4	183	75	6.00E-01	1.10E-01	5.01E-01	4.82E-01	3.98E-02	3.81E-01	1.82E-02	
1000	208	82	9	4	184	75	4.10E-01	8.00E-02	3.28E-01	3.34E-01	2.51E-02	2.54E-01	1.19E-02	
1000	208	82	9	4	186	75	1.60E-01	4.10E-02	1.32E-01	1.50E-01	1.03E-02	1.05E-01	4.85E-03	
1000	208	82	9	4	187	75	8.40E-02	1.90E-02	8.06E-02	9.56E-02	6.46E-03	6.54E-02	3.00E-03	
1000	208	82	9	4	188	75	4.70E-02	1.00E-02	4.78E-02	5.80E-02	3.93E-03	3.94E-02	1.81E-03	
1000	208	82	9	4	189	75	3.30E-02	8.70E-03	2.74E-02	3.32E-02	2.26E-03	2.29E-02	1.06E-03	
1000	208	82	9	4	190	75	1.80E-02	4.40E-03	1.51E-02	1.77E-02	1.21E-03	1.28E-02	5.97E-04	
1000	208	82	9	4	191	75	7.60E-03	1.80E-03	7.94E-03	8.65E-03	5.92E-04	6.79E-03	3.22E-04	
1000	208	82	9	4	192	75	3.80E-03	7.30E-04	3.94E-03	3.83E-03	2.63E-04	3.40E-03	1.64E-04	
1000	208	82	9	4	193	75	1.30E-03	2.50E-04	1.54E-03	1.51E-03	1.06E-04	1.34E-03	6.59E-05	
1000	208	82	9	4	194	75	4.50E-04	9.40E-05	6.30E-04	5.20E-04	3.81E-05	5.52E-04	2.76E-05	
1000	208	82	9	4	195	75	2.40E-04	4.50E-05	2.31E-04	1.54E-04	1.23E-05	2.03E-04	1.04E-05	
1000	208	82	9	4	196	75	9.00E-05	1.70E-05	7.43E-05	3.84E-05	3.47E-06	6.52E-05	3.41E-06	
1000	208	82	9	4	197	75	2.80E-05	5.30E-06	2.05E-05	7.91E-06	8.38E-07	1.79E-05	9.56E-07	
1000	208	82	9	4	198	75	5.00E-06	1.10E-06	4.69E-06	1.31E-06	1.68E-07	4.06E-06	2.24E-07	
1000	208	82	9	4	183	76	1.80E+00	3.70E-01	1.97E+00	1.66E+00	1.84E-01	1.44E+00	7.30E-02	
1000	208	82	9	4	184	76	1.50E+00	3.00E-01	1.43E+00	1.25E+00	1.22E-01	1.07E+00	5.30E-02	
1000	208	82	9	4	185	76	1.00E+00	1.80E-01	1.02E+00	9.41E-01	8.18E-02	7.77E-01	3.77E-02	
1000	208	82	9	4	186	76	8.20E-01	1.50E-01	7.10E-01	6.97E-01	5.53E-02	5.51E-01	2.62E-02	
1000	208	82	9	4	187	76	6.10E-01	1.20E-01	4.82E-01	5.06E-01	3.77E-02	3.81E-01	1.79E-02	
1000	208	82	9	4	188	76	3.90E-01	7.30E-02	3.19E-01	3.58E-01	2.56E-02	2.56E-01	1.20E-02	
1000	208	82	9	4	189	76	2.40E-01	4.70E-02	2.05E-01	2.44E-01	1.72E-02	1.67E-01	7.78E-03	
1000	208	82	9	4	190	76	1.70E-01	3.20E-02	1.28E-01	1.59E-01	1.11E-02	1.06E-01	4.92E-03	
1000	208	82	9	4	191	76	1.20E-01	2.50E-02	7.67E-02	9.79E-02	6.78E-03	6.42E-02	3.00E-03	
1000	208	82	9	4	192	76	5.00E-02	1.10E-02	4.39E-02	5.61E-02	3.87E-03	3.72E-02	1.75E-03	
1000	208	82	9	4	193	76	2.70E-02	5.80E-03	2.39E-02	2.96E-02	2.03E-03	2.04E-02	9.72E-04	
1000	208	82	9	4	194	76	1.50E-02	3.00E-03	1.21E-02	1.41E-02	9.70E-04	1.05E-02	5.05E-04	
1000	208	82	9	4	195	76	4.80E-03	1.10E-03	5.71E-03	6.02E-03	4.19E-04	4.97E-03	2.43E-04	
1000	208	82	9	4	196	76	2.10E-03	4.00E-04	2.06E-03	2.24E-03	1.63E-04	1.80E-03	8.94E-05	
1000	208	82	9	4	197	76	6.60E-04	1.40E-04	7.54E-04	7.19E-04	5.64E-05	6.56E-04	3.32E-05	
1000	208	82	9	4	198	76	2.10E-04	4.50E-05	2.39E-04	1.94E-04	1.72E-05	2.07E-04	1.07E-05	
1000	208	82	9	4	199	76	4.70E-05	9.80E-06	6.85E-05	4.33E-05	4.50E-06	5.87E-05	3.14E-06	
1000	208	82	9	4	200	76	1.60E-05	3.50E-06	1.69E-05	7.81E-06	9.85E-07	1.43E-05	7.98E-07	
1000	208	82	9	4	201	76	2.60E-07	0.00E+00	3.33E-06	1.11E-06	1.75E-07	2.77E-06	1.66E-07	
1000	208	82	9	4	186	77	2.70E+00	5.60E-01	2.62E+00	2.10E+00	2.20E-01	1.97E+00	9.93E-02	
1000	208	82	9	4	187	77	2.10E+00	3.80E-01	1.99E+00	1.70E+00	1.59E-01	1.52E+00	7.53E-02	
1000	208	82	9	4	188	77	1.60E+00	2.90E-01	1.48E+00	1.36E+00	1.16E-01	1.15E+00	5.58E-02	
1000	208	82	9	4	189	77	1.10E+00	2.00E-01	1.07E+00	1.07E+00	8.53E-02	8.46E-01	4.05E-02	
1000	208	82	9	4	190	77	9.00E-01	1.90E-01	7.50E-01	8.25E-01	6.25E-02	6.04E-01	2.87E-02	
1000	208	82	9	4	191	77	6.00E-01	1.30E-01	5.11E-01	6.13E-01	4.50E-02	4.18E-01	1.97E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	208	82	9	4	192	77	3.80E-01	7.00E-02	3.36E-01	4.36E-01	3.14E-02	2.79E-01	1.31E-02	
1000	208	82	9	4	193	77	2.70E-01	5.80E-02	2.12E-01	2.94E-01	2.08E-02	1.78E-01	8.40E-03	
1000	208	82	9	4	194	77	1.60E-01	3.10E-02	1.27E-01	1.85E-01	1.29E-02	1.08E-01	5.12E-03	
1000	208	82	9	4	195	77	9.20E-02	2.30E-02	7.21E-02	1.07E-01	7.39E-03	6.18E-02	2.95E-03	
1000	208	82	9	4	196	77	5.80E-02	1.30E-02	3.81E-02	5.65E-02	3.88E-03	3.28E-02	1.58E-03	
1000	208	82	9	4	197	77	3.70E-02	7.10E-03	1.85E-02	2.66E-02	1.85E-03	1.60E-02	7.77E-04	
1000	208	82	9	4	198	77	5.60E-03	3.00E-03	8.12E-03	1.10E-02	8.01E-04	7.02E-03	3.46E-04	
1000	208	82	9	4	199	77	2.90E-03	5.30E-04	2.85E-03	3.89E-03	3.10E-04	2.44E-03	1.23E-04	
1000	208	82	9	4	200	77	1.70E-03	3.50E-04	1.04E-03	1.17E-03	1.06E-04	8.85E-04	4.61E-05	
1000	208	82	9	4	201	77	5.60E-04	1.20E-04	3.26E-04	2.89E-04	3.14E-05	2.72E-04	1.50E-05	
1000	208	82	9	4	202	77	5.90E-05	1.20E-05	8.09E-05	5.78E-05	7.78E-06	6.63E-05	3.99E-06	
1000	208	82	9	4	203	77	3.90E-06	1.00E-06	1.48E-05	9.15E-06	1.57E-06	1.21E-05	8.44E-07	
1000	208	82	9	4	188	78	4.10E+00	8.50E-01	4.52E+00	3.22E+00	3.71E-01	3.40E+00	1.75E-01	
1000	208	82	9	4	189	78	3.40E+00	6.20E-01	3.68E+00	2.85E+00	2.94E-01	2.83E+00	1.43E-01	
1000	208	82	9	4	190	78	3.50E+00	7.50E-01	2.93E+00	2.51E+00	2.35E-01	2.29E+00	1.13E-01	
1000	208	82	9	4	192	78	2.40E+00	5.00E-01	1.70E+00	1.86E+00	1.52E-01	1.38E+00	6.65E-02	
1000	208	82	9	4	193	78	1.80E+00	3.70E-01	1.24E+00	1.54E+00	1.20E-01	1.02E+00	4.87E-02	
1000	208	82	9	4	194	78	1.40E+00	2.90E-01	8.69E-01	1.23E+00	9.20E-02	7.24E-01	3.45E-02	
1000	208	82	9	4	195	78	9.20E-01	1.70E-01	5.85E-01	9.26E-01	6.76E-02	4.92E-01	2.34E-02	
1000	208	82	9	4	196	78	7.60E-01	1.60E-01	3.74E-01	6.55E-01	4.69E-02	3.18E-01	1.51E-02	
1000	208	82	9	4	197	78	4.90E-01	1.20E-01	2.25E-01	4.29E-01	3.04E-02	1.92E-01	9.17E-03	
1000	208	82	9	4	198	78	2.60E-01	6.20E-02	1.27E-01	2.55E-01	1.82E-02	1.09E-01	5.21E-03	
1000	208	82	9	4	199	78	1.40E-01	2.60E-02	7.02E-02	1.36E-01	1.00E-02	6.01E-02	2.91E-03	
1000	208	82	9	4	200	78	8.90E-02	1.70E-02	3.74E-02	6.35E-02	5.04E-03	3.18E-02	1.57E-03	
1000	208	82	9	4	201	78	2.70E-02	5.60E-03	1.58E-02	2.55E-02	2.28E-03	1.33E-02	6.82E-04	
1000	208	82	9	4	202	78	1.10E-02	2.30E-03	6.35E-03	8.67E-03	9.08E-04	5.23E-03	2.88E-04	
1000	208	82	9	4	203	78	2.50E-03	5.20E-04	2.05E-03	2.42E-03	3.11E-04	1.65E-03	1.02E-04	
1000	208	82	9	4	204	78	2.70E-04	6.20E-05	5.02E-04	5.46E-04	8.81E-05	4.03E-04	2.94E-05	
1000	208	82	9	4	191	79	6.70E+00	1.40E+00	6.27E+00	4.42E+00	5.18E-01	4.84E+00	2.50E-01	
1000	208	82	9	4	192	79	6.90E+00	1.30E+00	5.40E+00	4.39E+00	4.62E-01	4.25E+00	2.15E-01	
1000	208	82	9	4	193	79	5.60E+00	1.10E+00	4.52E+00	4.32E+00	4.15E-01	3.62E+00	1.80E-01	
1000	208	82	9	4	194	79	5.00E+00	9.10E-01	3.68E+00	4.18E+00	3.73E-01	2.99E+00	1.47E-01	
1000	208	82	9	4	195	79	4.70E+00	9.70E-01	2.90E+00	3.94E+00	3.32E-01	2.39E+00	1.16E-01	
1000	208	82	9	4	196	79	3.80E+00	7.20E-01	2.21E+00	3.58E+00	2.89E-01	1.84E+00	8.90E-02	
1000	208	82	9	4	197	79	2.70E+00	6.20E-01	1.61E+00	3.10E+00	2.44E-01	1.36E+00	6.52E-02	
1000	208	82	9	4	198	79	1.90E+00	3.50E-01	1.13E+00	2.53E+00	1.96E-01	9.60E-01	4.58E-02	
1000	208	82	9	4	199	79	1.30E+00	2.50E-01	8.06E-01	1.90E+00	1.48E-01	6.85E-01	3.27E-02	
1000	208	82	9	4	200	79	9.30E-01	2.20E-01	5.74E-01	1.30E+00	1.05E-01	4.86E-01	2.34E-02	
1000	208	82	9	4	201	79	6.40E-01	1.40E-01	3.90E-01	7.95E-01	6.86E-02	3.28E-01	1.61E-02	
1000	208	82	9	4	202	79	4.00E-01	8.40E-02	2.42E-01	4.25E-01	4.07E-02	2.01E-01	1.03E-02	
1000	208	82	9	4	203	79	1.60E-01	2.90E-02	1.31E-01	1.95E-01	2.15E-02	1.06E-01	5.96E-03	
1000	208	82	9	4	204	79	8.00E-02	1.40E-02	5.18E-02	7.46E-02	9.89E-03	4.09E-02	2.62E-03	
1000	208	82	9	4	205	79	1.20E-02	2.20E-03	1.80E-02	2.33E-02	3.81E-03	1.41E-02	1.10E-03	
1000	208	82	9	4	197	80	8.70E+00	1.80E+00	6.38E+00	9.83E+00	9.45E-01	5.27E+00	2.60E-01	
1000	208	82	9	4	198	80	8.50E+00	1.80E+00	5.42E+00	1.04E+01	9.48E-01	4.53E+00	2.21E-01	
1000	208	82	9	4	199	80	7.10E+00	1.30E+00	4.80E+00	1.04E+01	9.23E-01	4.03E+00	1.95E-01	
1000	208	82	9	4	200	80	6.40E+00	1.20E+00	4.37E+00	9.77E+00	8.60E-01	3.68E+00	1.77E-01	
1000	208	82	9	4	201	80	5.10E+00	9.30E-01	3.95E+00	8.45E+00	7.57E-01	3.31E+00	1.60E-01	
1000	208	82	9	4	202	80	3.00E+00	6.30E-01	3.41E+00	6.59E+00	6.20E-01	2.83E+00	1.40E-01	
1000	208	82	9	4	204	80	2.30E+00	4.80E-01	1.98E+00	2.69E+00	3.13E-01	1.58E+00	9.19E-02	
1000	208	82	9	4	205	80	1.20E+00	2.50E-01	1.26E+00	1.35E+00	1.84E-01	9.70E-01	6.64E-02	
1000	208	82	9	4	206	80	5.30E-01	9.60E-02	6.76E-01	5.49E-01	9.14E-02	5.14E-01	4.36E-02	
1000	208	82	9	4	200	81	1.50E+01	3.10E+00	1.46E+01	2.41E+01	2.65E+00	1.21E+01	6.01E-01	
1000	208	82	9	4	201	81	1.70E+01	3.10E+00	1.67E+01	2.72E+01	2.82E+00	1.39E+01	6.81E-01	
1000	208	82	9	4	202	81	1.70E+01	3.10E+00	1.88E+01	2.83E+01	2.83E+00	1.56E+01	7.68E-01	
1000	208	82	9	4	203	81	1.30E+01	2.70E+00	2.05E+01	2.66E+01	2.64E+00	1.68E+01	8.53E-01	
1000	208	82	9	4	204	81	1.80E+01	3.30E+00	2.13E+01	2.20E+01	2.27E+00	1.71E+01	9.33E-01	
1000	208	82	9	4	206	81	1.80E+01	3.30E+00	1.88E+01	9.20E+00	1.22E+00	1.41E+01	1.05E+00	
1000	208	82	9	4	207	81	2.10E+01	3.80E+00	1.55E+01	4.39E+00	7.20E-01	1.14E+01	1.07E+00	
1000	208	82	9	4	203	82	2.40E+01	4.30E+00	3.93E+01	3.04E+01	3.86E+00	3.21E+01	1.64E+00	
1000	208	82	9	4	204	82	3.00E+01	5.40E+00	5.36E+01	3.07E+01	3.61E+00	4.32E+01	2.30E+00	
1000	208	82	9	4	205	82	4.00E+01	7.20E+00	7.14E+01	2.69E+01	3.05E+00	5.62E+01	3.26E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	1000	208	82	9	4	206	82	5.40E+01	1.10E+01	9.18E+01	1.98E+01	2.37E+00	6.98E+01	4.69E+00
	1000	208	82	9	4	207	82	1.20E+02	2.50E+01	1.14E+02	1.18E+01	1.68E+00	8.33E+01	6.85E+00
	1000	208	82	9	4	205	83	5.20E+00	1.40E+00	2.20E+01	4.59E+00	8.89E-01	1.74E+01	9.87E-01
	1000	208	82	9	4	206	83	2.50E+00	6.20E-01	3.09E+01	3.54E+00	6.80E-01	2.38E+01	1.50E+00
	1000	208	82	9	4	207	83	1.40E+00	3.00E-01	4.21E+01	2.21E+00	4.56E-01	3.12E+01	2.31E+00
	1000	208	82	9	4	208	83	2.30E-01	6.10E-02	5.54E+01	1.08E+00	2.60E-01	3.91E+01	3.59E+00
[7]	1000	208	82	64	29	127	59	6.61E-02	4.40E-02	6.40E-02	3.89E-02	7.47E-03	4.20E-02	2.93E-03
	1000	208	82	64	29	128	59	3.70E-01	1.83E-01	2.74E-01	2.09E-01	3.27E-02	1.83E-01	1.24E-02
	1000	208	82	64	29	129	59	6.97E-01	2.48E-01	8.82E-01	7.36E-01	1.01E-01	6.03E-01	3.96E-02
	1000	208	82	64	29	130	59	6.52E-01	2.80E-01	1.90E+00	1.77E+00	2.27E-01	1.32E+00	8.44E-02
	1000	208	82	64	29	131	59	2.20E+00	9.27E-01	3.44E+00	3.07E+00	3.82E-01	2.44E+00	1.52E-01
	1000	208	82	64	29	132	59	3.24E+00	1.46E+00	4.10E+00	4.02E+00	4.97E-01	2.96E+00	1.80E-01
	1000	208	82	64	29	133	59	2.74E+00	9.76E-01	4.72E+00	4.20E+00	5.19E-01	3.47E+00	2.07E-01
	1000	208	82	64	29	135	59	2.96E+00	8.64E-01	2.91E+00	2.75E+00	3.39E-01	2.22E+00	1.27E-01
	1000	208	82	64	29	136	59	2.33E+00	7.93E-01	1.68E+00	1.85E+00	2.28E-01	1.30E+00	7.35E-02
	1000	208	82	64	29	137	59	8.59E-01	3.68E-01	1.28E+00	1.14E+00	1.41E-01	1.01E+00	5.62E-02
	1000	208	82	64	29	140	59	1.05E-01	5.20E-02	1.77E-01	1.91E-01	2.51E-02	1.46E-01	7.87E-03
	1000	208	82	64	29	141	59	1.25E-01	5.35E-02	1.23E-01	9.78E-02	1.35E-02	1.03E-01	5.52E-03
	1000	208	82	64	29	142	59	6.02E-02	2.66E-02	4.59E-02	4.87E-02	7.20E-03	3.90E-02	2.09E-03
	1000	208	82	64	29	129	60	8.32E-02	6.52E-02	4.53E-02	2.08E-02	4.31E-03	2.90E-02	2.00E-03
	1000	208	82	64	29	130	60	2.81E-01	9.96E-02	2.15E-01	1.24E-01	2.02E-02	1.41E-01	9.39E-03
	1000	208	82	64	29	131	60	5.13E-01	1.68E-01	7.23E-01	4.81E-01	6.45E-02	4.83E-01	3.11E-02
	1000	208	82	64	29	132	60	5.61E-01	1.70E-01	1.88E+00	1.27E+00	1.48E-01	1.28E+00	8.00E-02
	1000	208	82	64	29	133	60	1.40E+00	5.63E-01	3.28E+00	2.38E+00	2.56E-01	2.28E+00	1.38E-01
	1000	208	82	64	29	134	60	2.96E+00	1.29E+00	5.00E+00	3.35E+00	3.48E-01	3.54E+00	2.09E-01
	1000	208	82	64	29	135	60	2.65E+00	9.67E-01	5.07E+00	3.74E+00	3.85E-01	3.66E+00	2.11E-01
	1000	208	82	64	29	137	60	1.88E+00	4.84E-01	3.27E+00	2.74E+00	2.83E-01	2.45E+00	1.34E-01
	1000	208	82	64	29	138	60	1.90E+00	4.87E-01	2.62E+00	1.94E+00	2.00E-01	2.00E+00	1.08E-01
	1000	208	82	64	29	139	60	1.47E+00	4.31E-01	1.42E+00	1.26E+00	1.30E-01	1.10E+00	5.84E-02
	1000	208	82	64	29	142	60	1.50E-01	5.58E-02	3.47E-01	2.39E-01	2.62E-02	2.82E-01	1.45E-02
	1000	208	82	64	29	143	60	1.03E-01	5.19E-02	1.41E-01	1.27E-01	1.47E-02	1.16E-01	5.92E-03
	1000	208	82	64	29	144	60	8.76E-02	5.09E-02	9.04E-02	6.56E-02	8.21E-03	7.58E-02	3.85E-03
	1000	208	82	64	29	132	61	1.16E-01	8.72E-02	9.10E-02	6.96E-02	1.25E-02	5.82E-02	3.87E-03
	1000	208	82	64	29	133	61	3.59E-01	2.02E-01	3.56E-01	3.00E-01	4.32E-02	2.33E-01	1.49E-02
	1000	208	82	64	29	134	61	2.91E-01	1.77E-01	9.94E-01	8.70E-01	1.04E-01	6.64E-01	4.11E-02
	1000	208	82	64	29	135	61	9.46E-01	5.29E-01	2.25E+00	1.78E+00	1.84E-01	1.53E+00	9.18E-02
	1000	208	82	64	29	136	61	2.28E+00	9.34E-01	3.43E+00	2.72E+00	2.58E-01	2.39E+00	1.39E-01
	1000	208	82	64	29	137	61	2.24E+00	9.30E-01	4.74E+00	3.26E+00	2.98E-01	3.36E+00	1.89E-01
	1000	208	82	64	29	139	61	1.90E+00	6.38E-01	4.11E+00	2.72E+00	2.45E-01	3.03E+00	1.62E-01
	1000	208	82	64	29	140	61	2.58E+00	5.87E-01	2.69E+00	2.03E+00	1.83E-01	2.02E+00	1.05E-01
	1000	208	82	64	29	141	61	1.88E+00	4.84E-01	2.18E+00	1.38E+00	1.24E-01	1.67E+00	8.55E-02
	1000	208	82	64	29	145	61	1.69E-01	5.77E-02	2.64E-01	1.67E-01	1.67E-02	2.16E-01	1.06E-02
	1000	208	82	64	29	146	61	1.02E-01	5.18E-02	1.07E-01	8.99E-02	9.72E-03	8.85E-02	4.32E-03
	1000	208	82	64	29	147	61	8.43E-02	2.88E-02	6.91E-02	4.71E-02	5.62E-03	5.83E-02	2.84E-03
	1000	208	82	64	29	147	62	1.85E-01	5.94E-02	3.00E-01	2.23E-01	2.01E-02	2.43E-01	1.16E-02
	1000	208	82	64	29	148	62	1.43E-01	5.52E-02	2.07E-01	1.25E-01	1.22E-02	1.70E-01	8.09E-03
	1000	208	82	64	29	145	64	2.93E+00	7.30E-01	5.33E+00	2.64E+00	2.15E-01	3.80E+00	2.01E-01
	1000	208	82	64	29	146	64	4.26E+00	1.11E+00	5.53E+00	2.37E+00	1.92E-01	4.03E+00	2.07E-01
	1000	208	82	64	29	150	64	6.13E-01	2.62E-01	1.30E+00	6.50E-01	5.34E-02	1.02E+00	4.82E-02
	1000	208	82	64	29	151	64	6.08E-01	3.34E-01	6.07E-01	4.12E-01	3.49E-02	4.87E-01	2.28E-02
	1000	208	82	64	29	152	64	2.06E-01	8.74E-02	4.42E-01	2.52E-01	2.26E-02	3.61E-01	1.68E-02
	1000	208	82	64	29	145	65	5.63E-01	3.98E-01	2.71E+00	1.78E+00	1.75E-01	1.84E+00	1.06E-01
	1000	208	82	64	29	146	65	2.26E+00	6.41E-01	3.90E+00	2.37E+00	2.09E-01	2.70E+00	1.50E-01
	1000	208	82	64	29	147	65	4.72E+00	1.01E+00	5.64E+00	2.63E+00	2.20E-01	4.00E+00	2.14E-01
	1000	208	82	64	29	148	65	5.06E+00	1.11E+00	4.93E+00	2.52E+00	2.07E-01	3.57E+00	1.85E-01
	1000	208	82	64	29	149	65	4.28E+00	1.11E+00	4.99E+00	2.15E+00	1.77E-01	3.69E+00	1.86E-01
	1000	208	82	64	29	151	65	1.38E+00	3.50E-01	2.64E+00	1.23E+00	1.01E-01	2.03E+00	9.80E-02
	1000	208	82	64	29	152	65	1.38E+00	3.50E-01	1.40E+00	8.53E-01	7.07E-02	1.10E+00	5.21E-02
	1000	208	82	64	29	153	65	1.09E+00	3.12E-01	1.10E+00	5.65E-01	4.80E-02	8.78E-01	4.12E-02
	1000	208	82	64	29	154	65	5.37E-01	2.92E-01	5.00E-01	3.60E-01	3.22E-02	4.08E-01	1.90E-02
	1000	208	82	64	29	155	65	9.77E-02	6.57E-02	3.61E-01	2.23E-01	2.15E-02	3.00E-01	1.40E-02
	1000	208	82	64	29	156	65	1.14E-01	5.67E-02	1.67E-01	1.34E-01	1.44E-02	1.41E-01	6.59E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	208	82	64	29	157	65	8.51E-02	4.50E-02	8.52E-02	7.77E-02	9.55E-03	7.33E-02	3.44E-03	
1000	208	82	64	29	148	66	1.42E+00	5.50E-01	4.26E+00	2.19E+00	2.06E-01	2.94E+00	1.66E-01	
1000	208	82	64	29	149	66	3.87E+00	8.72E-01	5.00E+00	2.61E+00	2.27E-01	3.53E+00	1.93E-01	
1000	208	82	64	29	150	66	4.99E+00	1.10E+00	6.34E+00	2.66E+00	2.23E-01	4.57E+00	2.41E-01	
1000	208	82	64	29	151	66	3.47E+00	7.57E-01	4.77E+00	2.42E+00	2.00E-01	3.52E+00	1.80E-01	
1000	208	82	64	29	152	66	1.56E+00	6.47E-01	4.54E+00	2.00E+00	1.65E-01	3.42E+00	1.71E-01	
1000	208	82	64	29	153	66	1.24E+00	5.25E-01	2.74E+00	1.54E+00	1.27E-01	2.11E+00	1.03E-01	
1000	208	82	64	29	154	66	1.54E+00	5.52E-01	2.30E+00	1.12E+00	9.33E-02	1.80E+00	8.66E-02	
1000	208	82	64	29	155	66	1.27E+00	5.27E-01	1.17E+00	7.75E-01	6.61E-02	9.35E-01	4.43E-02	
1000	208	82	64	29	156	66	9.31E-01	3.59E-01	7.97E-01	5.17E-01	4.60E-02	6.51E-01	3.06E-02	
1000	208	82	64	29	158	66	1.65E-01	8.96E-02	2.52E-01	2.08E-01	2.20E-02	2.13E-01	1.00E-02	
1000	208	82	64	29	159	66	8.41E-02	4.49E-02	1.32E-01	1.26E-01	1.51E-02	1.14E-01	5.38E-03	
1000	208	82	64	29	150	67	1.18E+00	5.29E-01	2.74E+00	2.00E+00	2.03E-01	1.89E+00	1.09E-01	
1000	208	82	64	29	151	67	2.78E+00	6.49E-01	4.64E+00	2.56E+00	2.31E-01	3.27E+00	1.82E-01	
1000	208	82	64	29	152	67	4.49E+00	9.27E-01	5.14E+00	2.80E+00	2.37E-01	3.71E+00	2.00E-01	
1000	208	82	64	29	156	67	1.88E+00	5.88E-01	2.66E+00	1.46E+00	1.21E-01	2.09E+00	1.02E-01	
1000	208	82	64	29	157	67	1.81E+00	5.81E-01	1.77E+00	1.06E+00	8.97E-02	1.42E+00	6.82E-02	
1000	208	82	64	29	160	67	1.22E-01	5.73E-02	3.73E-01	3.23E-01	3.32E-02	3.18E-01	1.51E-02	
1000	208	82	64	29	161	67	1.36E-01	5.84E-02	2.02E-01	2.03E-01	2.35E-02	1.75E-01	8.36E-03	
1000	208	82	64	29	162	67	9.88E-02	5.57E-02	1.04E-01	1.24E-01	1.64E-02	9.19E-02	4.44E-03	
1000	208	82	64	29	154	68	3.71E+00	1.35E+00	5.93E+00	2.90E+00	2.48E-01	4.28E+00	2.35E-01	
1000	208	82	64	29	155	68	4.85E+00	1.47E+00	5.55E+00	2.97E+00	2.43E-01	4.10E+00	2.19E-01	
1000	208	82	64	29	156	68	4.00E+00	1.38E+00	5.60E+00	2.75E+00	2.21E-01	4.23E+00	2.19E-01	
1000	208	82	64	29	155	69	2.08E+00	6.98E-01	3.17E+00	2.36E+00	2.35E-01	2.23E+00	1.30E-01	
1000	208	82	64	29	156	69	4.30E+00	9.94E-01	4.80E+00	2.94E+00	2.57E-01	3.47E+00	1.95E-01	
1000	208	82	64	29	157	69	5.48E+00	1.35E+00	5.93E+00	3.21E+00	2.60E-01	4.39E+00	2.39E-01	
1000	208	82	64	29	158	69	4.67E+00	1.45E+00	6.14E+00	3.15E+00	2.47E-01	4.65E+00	2.46E-01	
1000	208	82	64	29	157	70	1.40E+00	1.19E+00	2.38E+00	2.18E+00	2.35E-01	1.69E+00	1.01E-01	
1000	208	82	64	29	158	70	3.58E+00	1.10E+00	4.05E+00	2.91E+00	2.65E-01	2.94E+00	1.69E-01	
1000	208	82	64	29	159	70	4.94E+00	1.48E-01	5.55E+00	3.38E+00	2.75E-01	4.13E+00	2.30E-01	
1000	208	82	64	29	160	70	4.89E+00	1.48E+00	6.31E+00	3.52E+00	2.69E-01	4.81E+00	2.60E-01	
1000	208	82	64	29	159	71	7.78E-01	3.24E-01	1.68E+00	1.94E+00	2.32E-01	1.20E+00	7.31E-02	
1000	208	82	64	29	160	71	2.27E+00	6.30E-01	3.22E+00	2.79E+00	2.71E-01	2.35E+00	1.38E-01	
1000	208	82	64	29	161	71	4.21E+00	9.17E-01	4.92E+00	3.45E+00	2.88E-01	3.68E+00	2.10E-01	
1000	208	82	64	29	165	72	5.88E+00	1.40E+00	6.59E+00	4.21E+00	3.03E-01	5.23E+00	2.88E-01	
1000	208	82	64	29	166	72	6.10E+00	1.43E+00	6.48E+00	4.15E+00	2.89E-01	5.27E+00	2.83E-01	
1000	208	82	64	29	167	72	5.19E+00	2.07E+00	5.50E+00	3.85E+00	2.68E-01	4.58E+00	2.42E-01	
1000	208	82	64	29	169	72	3.99E+00	1.05E+00	3.13E+00	2.86E+00	2.08E-01	2.72E+00	1.41E-01	
1000	208	82	64	29	170	72	3.88E+00	1.18E+00	2.16E+00	2.32E+00	1.75E-01	1.93E+00	9.93E-02	
1000	208	82	64	29	171	72	2.35E+00	7.35E-01	1.43E+00	1.81E+00	1.44E-01	1.30E+00	6.72E-02	
1000	208	82	64	29	172	72	1.24E+00	5.69E-01	9.05E-01	1.37E+00	1.15E-01	8.42E-01	4.38E-02	
1000	208	82	64	29	174	72	4.78E-01	1.69E-01	3.30E-01	6.90E-01	6.96E-02	3.19E-01	1.71E-02	
1000	208	82	64	29	175	72	2.71E-01	8.79E-02	1.91E-01	4.59E-01	5.21E-02	1.88E-01	1.02E-02	
1000	208	82	64	29	176	72	1.65E-01	7.81E-02	1.08E-01	2.91E-01	3.76E-02	1.08E-01	6.02E-03	
1000	208	82	64	29	177	72	7.88E-02	5.23E-02	5.95E-02	1.74E-01	2.59E-02	6.10E-02	3.47E-03	
1000	208	82	64	29	166	73	3.37E+00	8.00E-01	4.97E+00	3.91E+00	3.19E-01	3.89E+00	2.24E-01	
1000	208	82	64	29	167	73	5.57E+00	1.35E+00	6.35E+00	4.41E+00	3.22E-01	5.09E+00	2.86E-01	
1000	208	82	64	29	168	73	6.40E+00	1.47E+00	6.88E+00	4.60E+00	3.16E-01	5.66E+00	3.11E-01	
1000	208	82	64	29	169	73	5.44E+00	1.26E+00	6.37E+00	4.49E+00	3.03E-01	5.37E+00	2.89E-01	
1000	208	82	64	29	171	73	5.19E+00	1.43E+00	4.10E+00	3.69E+00	2.54E-01	3.62E+00	1.91E-01	
1000	208	82	64	29	172	73	3.99E+00	1.24E+00	3.00E+00	3.14E+00	2.22E-01	2.71E+00	1.43E-01	
1000	208	82	64	29	173	73	2.72E+00	1.03E+00	2.10E+00	2.58E+00	1.88E-01	1.94E+00	1.02E-01	
1000	208	82	64	29	174	73	1.84E+00	6.43E-01	1.41E+00	2.04E+00	1.55E-01	1.33E+00	7.05E-02	
1000	208	82	64	29	176	73	7.91E-01	2.07E-01	5.77E-01	1.13E+00	9.73E-02	5.67E-01	3.08E-02	
1000	208	82	64	29	177	73	5.37E-01	1.75E-01	3.54E-01	7.89E-01	7.44E-02	3.55E-01	1.96E-02	
1000	208	82	64	29	178	73	3.30E-01	9.48E-02	2.12E-01	5.24E-01	5.52E-02	2.17E-01	1.22E-02	
1000	208	82	64	29	179	73	1.27E-01	7.55E-02	1.25E-01	3.30E-01	3.94E-02	1.30E-01	7.48E-03	
1000	208	82	64	29	168	74	2.34E+00	8.53E-01	4.04E+00	3.62E+00	3.19E-01	3.19E+00	1.89E-01	
1000	208	82	64	29	169	74	4.88E+00	1.10E+00	5.72E+00	4.34E+00	3.31E-01	4.64E+00	2.67E-01	
1000	208	82	64	29	170	74	6.09E+00	1.43E+00	6.81E+00	4.78E+00	3.34E-01	5.67E+00	3.18E-01	
1000	208	82	64	29	173	74	5.16E+00	1.86E+00	5.26E+00	4.50E+00	3.00E-01	4.71E+00	2.54E-01	
1000	208	82	64	29	174	74	5.40E+00	1.46E+00	4.10E+00	4.03E+00	2.74E-01	3.76E+00	2.02E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	208	82	64	29	175	74	4.81E+00	1.18E+00	3.05E+00	3.48E+00	2.42E-01	2.86E+00	1.53E-01	
1000	208	82	64	29	176	74	3.34E+00	8.29E-01	2.18E+00	2.89E+00	2.06E-01	2.08E+00	1.12E-01	
1000	208	82	64	29	178	74	1.15E+00	3.05E-01	1.00E+00	1.78E+00	1.36E-01	1.00E+00	5.54E-02	
1000	208	82	64	29	179	74	9.52E-01	2.29E-01	6.56E-01	1.31E+00	1.06E-01	6.69E-01	3.75E-02	
1000	208	82	64	29	180	74	7.04E-01	1.95E-01	4.18E-01	9.15E-01	7.98E-02	4.35E-01	2.49E-02	
1000	208	82	64	29	181	74	4.38E-01	1.09E-01	2.61E-01	6.07E-01	5.84E-02	2.77E-01	1.62E-02	
1000	208	82	64	29	170	75	1.17E+00	6.48E-01	2.97E+00	3.08E+00	2.98E-01	2.37E+00	1.44E-01	
1000	208	82	64	29	171	75	3.14E+00	6.95E-01	4.70E+00	3.93E+00	3.22E-01	3.86E+00	2.27E-01	
1000	208	82	64	29	175	75	4.65E+00	1.80E+00	6.49E+00	5.11E+00	3.37E-01	5.89E+00	3.25E-01	
1000	208	82	64	29	176	75	6.64E+00	1.51E+00	5.43E+00	4.83E+00	3.24E-01	5.05E+00	2.77E-01	
1000	208	82	64	29	180	75	1.57E+00	7.75E-01	1.72E+00	2.65E+00	1.94E-01	1.75E+00	9.84E-02	
1000	208	82	64	29	181	75	1.71E+00	4.30E-01	1.20E+00	2.06E+00	1.55E-01	1.24E+00	7.09E-02	
1000	208	82	64	29	182	75	1.10E+00	2.98E-01	8.12E-01	1.53E+00	1.20E-01	8.59E-01	5.00E-02	
1000	208	82	64	29	172	76	8.43E-01	2.40E-01	1.91E+00	2.35E+00	2.52E-01	1.55E+00	9.63E-02	
1000	208	82	64	29	173	76	2.12E+00	4.74E-01	3.42E+00	3.20E+00	2.86E-01	2.84E+00	1.72E-01	
1000	208	82	64	29	176	76	6.23E+00	1.72E+00	7.38E+00	5.07E+00	3.40E-01	6.64E+00	3.79E-01	
1000	208	82	64	29	177	76	7.76E+00	2.15E+00	7.47E+00	5.30E+00	3.51E-01	6.89E+00	3.90E-01	
1000	208	82	64	29	181	76	5.60E+00	1.72E+00	3.74E+00	4.30E+00	3.10E-01	3.79E+00	2.16E-01	
1000	208	82	64	29	182	76	5.12E+00	1.56E+00	2.85E+00	3.72E+00	2.74E-01	2.95E+00	1.70E-01	
1000	208	82	64	29	183	76	2.97E+00	1.22E+00	2.11E+00	3.09E+00	2.32E-01	2.23E+00	1.30E-01	
1000	208	82	64	29	185	76	1.41E+00	5.29E-01	1.08E+00	1.86E+00	1.48E-01	1.19E+00	7.16E-02	
1000	208	82	64	29	186	76	1.11E+00	4.51E-01	7.45E-01	1.34E+00	1.11E-01	8.34E-01	5.13E-02	
1000	208	82	64	29	187	76	6.74E-01	2.61E-01	5.02E-01	9.07E-01	8.04E-02	5.72E-01	3.59E-02	
1000	208	82	64	29	189	76	1.95E-01	7.10E-02	2.10E-01	3.39E-01	3.58E-02	2.47E-01	1.62E-02	
1000	208	82	64	29	190	76	1.42E-01	5.28E-02	1.30E-01	1.84E-01	2.16E-02	1.55E-01	1.03E-02	
1000	208	82	64	29	191	76	8.22E-02	3.41E-02	7.72E-02	9.15E-02	1.19E-02	9.32E-02	6.31E-03	
1000	208	82	64	29	173	77	1.38E-01	5.76E-02	4.26E-01	9.57E-01	1.41E-01	3.39E-01	2.24E-02	
1000	208	82	64	29	174	77	4.15E-01	1.29E-01	1.05E+00	1.56E+00	1.87E-01	8.59E-01	5.51E-02	
1000	208	82	64	29	175	77	8.10E-01	2.17E-01	2.13E+00	2.28E+00	2.27E-01	1.79E+00	1.12E-01	
1000	208	82	64	29	176	77	9.10E-01	2.67E-01	3.62E+00	3.04E+00	2.58E-01	3.13E+00	1.91E-01	
1000	208	82	64	29	177	77	3.49E+00	9.10E-01	5.26E+00	3.76E+00	2.84E-01	4.68E+00	2.80E-01	
1000	208	82	64	29	178	77	5.99E+00	1.69E+00	6.68E+00	4.40E+00	3.07E-01	6.10E+00	3.59E-01	
1000	208	82	64	29	179	77	7.24E+00	1.86E+00	7.55E+00	4.90E+00	3.31E-01	7.07E+00	4.13E-01	
1000	208	82	64	29	180	77	7.12E+00	2.32E+00	7.80E+00	5.25E+00	3.54E-01	7.49E+00	4.34E-01	
1000	208	82	64	29	182	77	7.65E+00	1.89E+00	6.48E+00	5.40E+00	3.81E-01	6.53E+00	3.79E-01	
1000	208	82	64	29	183	77	8.84E+00	2.15E+00	5.49E+00	5.21E+00	3.78E-01	5.66E+00	3.30E-01	
1000	208	82	64	29	184	77	7.18E+00	1.82E+00	4.49E+00	4.86E+00	3.62E-01	4.73E+00	2.79E-01	
1000	208	82	64	29	185	77	4.68E+00	1.40E+00	3.56E+00	4.36E+00	3.32E-01	3.83E+00	2.29E-01	
1000	208	82	64	29	187	77	2.90E+00	8.76E-01	2.07E+00	3.11E+00	2.48E-01	2.32E+00	1.43E-01	
1000	208	82	64	29	188	77	2.29E+00	6.28E-01	1.53E+00	2.45E+00	2.01E-01	1.74E+00	1.09E-01	
1000	208	82	64	29	189	77	1.66E+00	5.53E-01	1.09E+00	1.82E+00	1.56E-01	1.27E+00	8.08E-02	
1000	208	82	64	29	190	77	1.01E+00	5.48E-01	7.61E-01	1.28E+00	1.16E-01	8.98E-01	5.82E-02	
1000	208	82	64	29	191	77	5.57E-01	1.72E-01	5.14E-01	8.39E-01	8.08E-02	6.15E-01	4.05E-02	
1000	208	82	64	29	192	77	4.08E-01	1.19E-01	3.35E-01	5.12E-01	5.28E-02	4.06E-01	2.71E-02	
1000	208	82	64	29	193	77	2.65E-01	7.86E-02	2.10E-01	2.88E-01	3.19E-02	2.57E-01	1.74E-02	
1000	208	82	64	29	194	77	1.35E-01	3.97E-02	1.25E-01	1.48E-01	1.76E-02	1.54E-01	1.05E-02	
1000	208	82	64	29	175	78	1.73E-01	4.14E-02	1.68E-01	4.93E-01	8.12E-02	1.36E-01	9.27E-03	
1000	208	82	64	29	176	78	2.56E-01	7.04E-02	4.71E-01	8.69E-01	1.17E-01	3.91E-01	2.59E-02	
1000	208	82	64	29	178	78	7.24E-01	3.69E-01	2.12E+00	1.96E+00	1.87E-01	1.86E+00	1.17E-01	
1000	208	82	64	29	179	78	2.22E+00	5.98E-01	3.53E+00	2.61E+00	2.18E-01	3.19E+00	1.97E-01	
1000	208	82	64	29	180	78	3.95E+00	9.22E-01	5.11E+00	3.28E+00	2.47E-01	4.74E+00	2.89E-01	
1000	208	82	64	29	181	78	6.33E+00	1.74E+00	6.56E+00	3.93E+00	2.78E-01	6.24E+00	3.77E-01	
1000	208	82	64	29	183	78	8.01E+00	2.27E+00	8.07E+00	5.06E+00	3.46E-01	8.08E+00	4.84E-01	
1000	208	82	64	29	184	78	8.22E+00	1.84E+00	7.99E+00	5.48E+00	3.80E-01	8.19E+00	4.91E-01	
1000	208	82	64	29	185	78	9.31E+00	2.13E+00	7.39E+00	5.75E+00	4.08E-01	7.75E+00	4.67E-01	
1000	208	82	64	29	186	78	8.10E+00	1.87E+00	6.55E+00	5.85E+00	4.26E-01	7.02E+00	4.26E-01	
1000	208	82	64	29	187	78	6.70E+00	2.06E+00	5.60E+00	5.77E+00	4.30E-01	6.14E+00	3.77E-01	
1000	208	82	64	29	188	78	7.80E+00	1.61E+00	4.66E+00	5.50E+00	4.20E-01	5.21E+00	3.24E-01	
1000	208	82	64	29	189	78	6.51E+00	1.79E+00	3.77E+00	5.04E+00	3.95E-01	4.30E+00	2.70E-01	
1000	208	82	64	29	190	78	4.47E+00	1.14E+00	2.97E+00	4.43E+00	3.57E-01	3.45E+00	2.20E-01	
1000	208	82	64	29	191	78	3.63E+00	9.67E-01	2.28E+00	3.71E+00	3.10E-01	2.69E+00	1.74E-01	
1000	208	82	64	29	192	78	3.25E+00	9.65E-01	1.70E+00	2.95E+00	2.56E-01	2.04E+00	1.33E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	208	82	64	29	193	78	2.65E+00	8.98E-01	1.23E+00	2.22E+00	2.01E-01	1.49E+00	9.87E-02	
1000	208	82	64	29	194	78	1.66E+00	5.34E-01	8.53E-01	1.56E+00	1.47E-01	1.05E+00	7.00E-02	
1000	208	82	64	29	195	78	9.94E-01	2.79E-01	5.69E-01	1.02E+00	1.00E-01	7.04E-01	4.73E-02	
1000	208	82	64	29	196	78	6.48E-01	1.72E-01	3.61E-01	6.12E-01	6.29E-02	4.48E-01	3.01E-02	
1000	208	82	64	29	201	78	4.61E-02	9.56E-03	1.47E-02	1.02E-02	1.33E-03	1.69E-02	1.17E-03	
1000	208	82	64	29	202	78	1.50E-02	3.59E-03	5.84E-03	3.05E-03	4.52E-04	6.45E-03	4.91E-04	
1000	208	82	64	29	203	78	9.14E-04	2.60E-04	1.87E-03	7.75E-04	1.36E-04	1.98E-03	1.78E-04	
1000	208	82	64	29	204	78	1.31E-04	1.01E-04	4.54E-04	1.65E-04	3.51E-05	4.74E-04	5.46E-05	
1000	208	82	64	29	180	79	5.16E-01	1.97E-01	9.79E-01	1.02E+00	1.12E-01	8.74E-01	5.73E-02	
1000	208	82	64	29	181	79	1.45E+00	4.03E-01	1.87E+00	1.48E+00	1.41E-01	1.72E+00	1.11E-01	
1000	208	82	64	29	182	79	2.17E+00	5.34E-01	3.12E+00	2.02E+00	1.72E-01	2.94E+00	1.87E-01	
1000	208	82	64	29	183	79	2.87E+00	6.40E-01	4.60E+00	2.64E+00	2.05E-01	4.45E+00	2.79E-01	
1000	208	82	64	29	184	79	4.26E+00	1.17E+00	6.08E+00	3.33E+00	2.42E-01	6.04E+00	3.77E-01	
1000	208	82	64	29	185	79	8.48E+00	1.81E+00	7.33E+00	4.08E+00	2.85E-01	7.46E+00	4.64E-01	
1000	208	82	64	29	186	79	9.26E+00	2.16E+00	8.17E+00	4.87E+00	3.34E-01	8.52E+00	5.30E-01	
1000	208	82	64	29	187	79	9.85E+00	2.26E+00	8.57E+00	5.66E+00	3.88E-01	9.15E+00	5.71E-01	
1000	208	82	64	29	188	79	1.25E+01	2.90E+00	8.47E+00	6.42E+00	4.45E-01	9.25E+00	5.81E-01	
1000	208	82	64	29	189	79	1.08E+01	2.65E+00	7.95E+00	7.09E+00	5.00E-01	8.86E+00	5.61E-01	
1000	208	82	64	29	190	79	1.27E+01	2.52E+00	7.19E+00	7.62E+00	5.49E-01	8.18E+00	5.23E-01	
1000	208	82	64	29	191	79	1.11E+01	2.19E+00	6.31E+00	7.94E+00	5.86E-01	7.32E+00	4.72E-01	
1000	208	82	64	29	192	79	1.03E+01	2.06E+00	5.39E+00	7.99E+00	6.07E-01	6.36E+00	4.15E-01	
1000	208	82	64	29	193	79	8.33E+00	1.64E+00	4.48E+00	7.73E+00	6.07E-01	5.36E+00	3.53E-01	
1000	208	82	64	29	194	79	7.18E+00	1.48E+00	3.61E+00	7.15E+00	5.81E-01	4.39E+00	2.91E-01	
1000	208	82	64	29	195	79	6.94E+00	1.44E+00	2.83E+00	6.29E+00	5.29E-01	3.47E+00	2.31E-01	
1000	208	82	64	29	196	79	4.11E+00	1.16E+00	2.13E+00	5.22E+00	4.54E-01	2.64E+00	1.76E-01	
1000	208	82	64	29	197	79	3.84E+00	1.21E+00	1.55E+00	4.05E+00	3.62E-01	1.92E+00	1.28E-01	
1000	208	82	64	29	198	79	2.56E+00	6.09E-01	1.07E+00	2.93E+00	2.67E-01	1.33E+00	8.83E-02	
1000	208	82	64	29	202	79	8.42E-01	1.80E-01	2.23E-01	3.05E-01	3.15E-02	2.54E-01	1.82E-02	
1000	208	82	64	29	203	79	1.14E-01	3.51E-02	1.20E-01	1.28E-01	1.50E-02	1.30E-01	1.06E-02	
1000	208	82	64	29	204	79	8.16E-02	1.59E-02	4.68E-02	4.63E-02	6.48E-03	4.81E-02	4.80E-03	
1000	208	82	64	29	205	79	1.72E-02	5.52E-03	1.61E-02	1.41E-02	2.45E-03	1.62E-02	2.10E-03	
1000	208	82	64	29	182	80	1.23E-01	5.13E-02	3.37E-01	4.07E-01	5.18E-02	3.05E-01	2.09E-02	
1000	208	82	64	29	183	80	5.75E-01	2.03E-01	7.42E-01	6.48E-01	7.21E-02	6.91E-01	4.65E-02	
1000	208	82	64	29	184	80	1.02E+00	2.58E-01	1.42E+00	9.79E-01	9.65E-02	1.36E+00	9.04E-02	
1000	208	82	64	29	185	80	2.30E+00	7.41E-01	2.42E+00	1.42E+00	1.26E-01	2.38E+00	1.56E-01	
1000	208	82	64	29	186	80	3.30E+00	8.64E-01	3.69E+00	1.99E+00	1.62E-01	3.72E+00	2.42E-01	
1000	208	82	64	29	187	80	5.09E+00	1.13E+00	5.11E+00	2.73E+00	2.07E-01	5.29E+00	3.43E-01	
1000	208	82	64	29	188	80	8.29E+00	1.77E+00	6.52E+00	3.66E+00	2.64E-01	6.92E+00	4.48E-01	
1000	208	82	64	29	189	80	9.00E+00	1.89E+00	7.75E+00	4.81E+00	3.38E-01	8.41E+00	5.46E-01	
1000	208	82	64	29	192	80	1.59E+01	3.36E+00	9.46E+00	9.76E+00	6.84E-01	1.09E+01	7.22E-01	
1000	208	82	64	29	193	80	1.54E+01	3.09E+00	9.22E+00	1.18E+01	8.45E-01	1.09E+01	7.21E-01	
1000	208	82	64	29	194	80	1.58E+01	3.08E+00	8.68E+00	1.39E+01	1.02E+00	1.04E+01	6.94E-01	
1000	208	82	64	29	195	80	1.27E+01	2.50E+00	7.94E+00	1.58E+01	1.20E+00	9.63E+00	6.46E-01	
1000	208	82	64	29	196	80	1.43E+01	3.00E+00	7.06E+00	1.73E+01	1.37E+00	8.66E+00	5.82E-01	
1000	208	82	64	29	197	80	1.16E+01	2.41E+00	6.10E+00	1.81E+01	1.48E+00	7.54E+00	5.06E-01	
1000	208	82	64	29	198	80	1.10E+01	2.25E+00	5.15E+00	1.80E+01	1.51E+00	6.38E+00	4.26E-01	
1000	208	82	64	29	199	80	1.10E+01	2.23E+00	4.52E+00	1.67E+01	1.44E+00	5.59E+00	3.71E-01	
1000	208	82	64	29	200	80	8.96E+00	1.94E+00	4.08E+00	1.44E+01	1.26E+00	5.00E+00	3.30E-01	
1000	208	82	64	29	201	80	7.46E+00	1.64E+00	3.66E+00	1.14E+01	1.02E+00	4.40E+00	2.94E-01	
1000	208	82	64	29	202	80	7.46E+00	2.18E+00	3.14E+00	8.21E+00	7.49E-01	3.66E+00	2.54E-01	
1000	208	82	64	29	204	80	3.72E+00	7.45E-01	1.79E+00	2.95E+00	3.13E-01	1.90E+00	1.70E-01	
1000	208	82	64	29	205	80	1.66E+00	5.30E-01	1.13E+00	1.42E+00	1.77E-01	1.12E+00	1.26E-01	
1000	208	82	64	29	206	80	6.93E-01	1.33E-01	6.00E-01	5.76E-01	8.80E-02	5.77E-01	8.43E-02	
1000	208	82	64	29	207	80	2.07E-02	5.82E-03	2.25E-01	1.92E-01	3.68E-02	2.49E-01	5.05E-02	
1000	208	82	64	29	185	81	8.79E-02	3.44E-02	2.02E-01	2.03E-01	2.65E-02	1.91E-01	1.35E-02	
1000	208	82	64	29	186	81	3.84E-01	1.40E-01	4.45E-01	3.45E-01	4.01E-02	4.33E-01	3.01E-02	
1000	208	82	64	29	187	81	1.08E+00	3.63E-01	8.70E-01	5.65E-01	5.93E-02	8.69E-01	5.98E-02	
1000	208	82	64	29	188	81	1.79E+00	5.64E-01	1.53E+00	9.00E-01	8.67E-02	1.57E+00	1.07E-01	
1000	208	82	64	29	189	81	2.77E+00	7.28E-01	2.44E+00	1.40E+00	1.26E-01	2.56E+00	1.74E-01	
1000	208	82	64	29	190	81	3.44E+00	1.07E+00	3.58E+00	2.15E+00	1.83E-01	3.86E+00	2.62E-01	
1000	208	82	64	29	192	81	8.67E+00	3.59E+00	6.28E+00	4.87E+00	3.90E-01	7.08E+00	4.82E-01	
1000	208	82	64	29	193	81	1.37E+01	2.87E+00	7.64E+00	7.17E+00	5.70E-01	8.79E+00	5.99E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
1000	208	82	64	29	194	81	1.89E+01	3.89E+00	8.87E+00	1.04E+01	8.26E-01	1.04E+01	7.11E-01	
1000	208	82	64	29	195	81	1.68E+01	3.55E+00	9.89E+00	1.47E+01	1.19E+00	1.18E+01	8.08E-01	
1000	208	82	64	29	196	81	1.82E+01	5.07E+00	1.07E+01	2.03E+01	1.67E+00	1.29E+01	8.85E-01	
1000	208	82	64	29	197	81	2.12E+01	4.21E+00	1.12E+01	2.71E+01	2.28E+00	1.37E+01	9.39E-01	
1000	208	82	64	29	198	81	2.17E+01	4.71E+00	1.15E+01	3.48E+01	3.00E+00	1.41E+01	9.63E-01	
1000	208	82	64	29	199	81	1.96E+01	4.11E+00	1.22E+01	4.24E+01	3.76E+00	1.51E+01	1.02E+00	
1000	208	82	64	29	200	81	2.34E+01	6.10E+00	1.36E+01	4.87E+01	4.41E+00	1.68E+01	1.13E+00	
1000	208	82	64	29	201	81	2.40E+01	4.95E+00	1.54E+01	5.20E+01	4.78E+00	1.88E+01	1.27E+00	
1000	208	82	64	29	202	81	2.40E+01	5.08E+00	1.73E+01	5.08E+01	4.74E+00	2.05E+01	1.42E+00	
1000	208	82	64	29	203	81	2.30E+01	4.86E+00	1.87E+01	4.48E+01	4.25E+00	2.15E+01	1.58E+00	
1000	208	82	64	29	204	81	2.69E+01	5.51E+00	1.92E+01	3.50E+01	3.44E+00	2.11E+01	1.75E+00	
1000	208	82	64	29	205	81	2.62E+01	5.55E+00	1.86E+01	2.37E+01	2.51E+00	1.92E+01	1.92E+00	
1000	208	82	64	29	206	81	2.46E+01	4.67E+00	1.67E+01	1.36E+01	1.64E+00	1.60E+01	2.03E+00	
1000	208	82	64	29	207	81	2.72E+01	5.16E+00	1.37E+01	6.41E+00	9.40E-01	1.25E+01	2.07E+00	
1000	208	82	64	29	209	81	4.97E-02	2.22E-02	6.29E+00	7.21E-01	1.70E-01	1.52E+01	5.89E+00	
1000	208	82	64	29	188	82	6.29E-02	1.91E-02	8.46E-02	7.75E-02	1.14E-02	8.35E-02	6.12E-03	
1000	208	82	64	29	189	82	1.78E-01	4.51E-02	1.88E-01	1.45E-01	1.96E-02	1.91E-01	1.38E-02	
1000	208	82	64	29	190	82	3.96E-01	1.06E-01	3.76E-01	2.64E-01	3.33E-02	3.91E-01	2.82E-02	
1000	208	82	64	29	195	82	7.38E+00	1.53E+00	3.64E+00	4.20E+00	4.46E-01	4.24E+00	3.01E-01	
1000	208	82	64	29	196	82	9.13E+00	1.83E+00	4.82E+00	6.93E+00	7.26E-01	5.71E+00	4.05E-01	
1000	208	82	64	29	197	82	1.22E+01	2.49E+00	6.13E+00	1.11E+01	1.15E+00	7.36E+00	5.21E-01	
1000	208	82	64	29	199	82	1.69E+01	3.34E+00	9.85E+00	2.55E+01	2.59E+00	1.20E+01	8.44E-01	
1000	208	82	64	29	200	82	2.08E+01	4.01E+00	1.34E+01	3.56E+01	3.58E+00	1.64E+01	1.14E+00	
1000	208	82	64	29	201	82	2.33E+01	4.52E+00	1.87E+01	4.63E+01	4.62E+00	2.27E+01	1.58E+00	
1000	208	82	64	29	202	82	2.97E+01	6.89E+00	2.60E+01	5.53E+01	5.49E+00	3.13E+01	2.19E+00	
1000	208	82	64	29	203	82	3.40E+01	6.98E+00	3.58E+01	5.95E+01	5.94E+00	4.20E+01	3.05E+00	
1000	208	82	64	29	204	82	4.53E+01	8.66E+00	4.84E+01	5.66E+01	5.81E+00	5.46E+01	4.32E+00	
1000	208	82	64	29	205	82	6.76E+01	1.29E+01	6.40E+01	4.66E+01	5.12E+00	6.83E+01	6.26E+00	
1000	208	82	64	29	206	82	1.84E+02	3.47E+01	8.16E+01	3.23E+01	4.02E+00	8.11E+01	9.14E+00	
1000	208	82	64	29	207	82	7.11E+02	1.36E+02	1.01E+02	1.84E+01	2.74E+00	9.19E+01	1.33E+01	
1000	208	82	64	29	197	83	1.23E+00	2.81E-01	7.18E-01	9.21E-01	1.39E-01	8.44E-01	6.27E-02	
1000	208	82	64	29	198	83	1.80E+00	3.75E-01	1.05E+00	1.58E+00	2.28E-01	1.25E+00	9.25E-02	
1000	208	82	64	29	199	83	1.57E+00	8.55E-01	1.58E+00	2.58E+00	3.55E-01	1.91E+00	1.40E-01	
1000	208	82	64	29	201	83	4.28E+00	8.35E-01	3.90E+00	5.57E+00	7.07E-01	4.73E+00	3.42E-01	
1000	208	82	64	29	202	83	5.19E+00	1.07E+00	6.08E+00	7.13E+00	8.98E-01	7.32E+00	5.31E-01	
1000	208	82	64	29	203	83	4.15E+00	1.95E+00	9.28E+00	8.14E+00	1.06E+00	1.10E+01	8.11E-01	
1000	208	82	64	29	205	83	3.83E+00	1.18E+00	1.98E+01	6.90E+00	1.13E+00	2.18E+01	1.88E+00	
1000	208	82	64	29	206	83	3.56E+00	7.72E-01	2.75E+01	4.88E+00	9.64E-01	2.85E+01	2.91E+00	
1000	208	82	64	29	207	83	2.06E+00	4.61E-01	3.71E+01	2.80E+00	6.78E-01	3.54E+01	4.52E+00	
1000	208	82	64	29	208	83	8.19E-01	2.67E-01	4.84E+01	1.26E+00	3.79E-01	4.19E+01	6.89E+00	
[8]	1000	40	18	9	4	14	7	7.79E+00	2.38E+00	4.90E+00	6.11E+00	1.32E+00	9.89E+00	2.08E+00
	1000	40	18	9	4	16	8	1.32E+01	4.00E+00	1.02E+01	4.93E+00	1.05E+00	1.62E+01	3.27E+00
	1000	40	18	9	4	18	9	2.03E+00	6.40E-01	5.78E+00	4.25E+00	1.00E+00	7.35E+00	1.57E+00
	1000	40	18	9	4	11	5	8.71E+00	2.70E+00	4.99E+00	1.10E+01	2.70E+00	1.79E+01	4.54E+00
	1000	40	18	9	4	13	6	9.47E+00	2.93E+00	2.90E+00	8.83E+00	1.63E+00	7.83E+00	1.67E+00
	1000	40	18	9	4	15	7	1.31E+01	2.90E+00	8.67E+00	7.60E+00	1.15E+00	1.80E+01	3.42E+00
	1000	40	18	9	4	17	8	7.10E+00	2.17E+00	6.46E+00	6.96E+00	1.08E+00	1.06E+01	1.94E+00
	1000	40	18	9	4	19	9	5.88E+00	1.80E+00	1.25E+01	6.71E+00	1.30E+00	1.64E+01	3.23E+00
	1000	40	18	9	4	12	5	1.13E+00	3.50E-01	5.22E-01	4.62E+00	1.01E+00	1.92E+00	4.45E-01
	1000	40	18	9	4	14	6	4.47E+00	1.37E+00	2.24E+00	4.27E+00	6.75E-01	6.21E+00	1.22E+00
	1000	40	18	9	4	16	7	3.00E+00	9.20E-01	1.68E+00	4.20E+00	5.44E-01	3.60E+00	6.29E-01
	1000	40	18	9	4	17	7	7.48E-01	2.29E-01	6.97E-01	1.21E+00	1.49E-01	1.54E+00	2.52E-01
	1000	40	18	9	4	19	8	1.21E+00	3.70E-01	6.84E-01	1.40E+00	1.96E-01	1.19E+00	1.89E-01
	1000	40	18	9	4	21	9	2.37E+00	7.20E-01	1.92E+00	1.66E+00	3.10E-01	2.67E+00	4.66E-01
	1000	40	18	9	4	14	5	7.95E-02	2.43E-02	1.85E-02	1.46E-01	2.56E-02	7.10E-02	1.48E-02
	1000	40	18	9	4	18	7	3.95E-01	1.21E-01	7.16E-02	2.18E-01	2.63E-02	1.62E-01	2.58E-02
	1000	40	18	9	4	15	5	1.57E-02	4.80E-03	5.74E-03	1.54E-02	2.53E-03	2.25E-02	4.67E-03
	1000	40	18	9	4	17	6	1.50E-02	4.60E-03	3.69E-03	2.05E-02	2.72E-03	1.10E-02	1.99E-03
	1000	40	18	9	4	19	7	7.07E-02	2.19E-02	1.50E-02	2.81E-02	3.54E-03	3.49E-02	5.57E-03
	1000	40	18	9	4	21	8	3.88E-02	1.19E-02	1.72E-02	3.89E-02	5.45E-03	3.15E-02	4.75E-03
	1000	40	18	9	4	23	9	9.36E-02	2.95E-02	6.26E-02	5.37E-02	9.29E-03	9.13E-02	1.49E-02
	1000	40	18	9	4	18	6	3.34E-03	1.02E-03	8.52E-04	1.98E-03	2.80E-04	2.61E-03	4.85E-04

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	1000	40	18	9	4	20	7	3.38E-03	7.70E-04	8.37E-04	2.94E-03	3.95E-04	1.99E-03	3.26E-04
	1000	40	18	9	4	22	8	6.13E-03	1.89E-03	3.21E-03	4.34E-03	6.20E-04	5.99E-03	9.12E-04
	1000	40	18	9	4	24	9	6.93E-03	2.15E-03	4.59E-03	6.28E-03	1.06E-03	6.83E-03	1.10E-03
	1000	40	18	9	4	17	5	1.05E-04	3.30E-05	3.89E-05	1.06E-04	1.91E-05	1.59E-04	3.52E-05
	1000	40	18	9	4	19	6	1.00E-04	3.10E-05	2.71E-05	1.69E-04	2.58E-05	8.47E-05	1.65E-05
	1000	40	18	9	4	21	7	5.13E-04	1.14E-04	1.29E-04	2.68E-04	3.79E-05	3.13E-04	5.36E-05
	1000	40	18	9	4	23	8	2.07E-04	6.40E-05	1.42E-04	4.16E-04	6.04E-05	2.71E-04	4.21E-05
	1000	40	18	9	4	25	9	5.97E-04	1.83E-04	8.65E-04	6.21E-04	1.06E-04	1.31E-03	2.11E-04
	1000	40	18	9	4	20	6	2.04E-05	6.40E-06	4.73E-06	1.35E-05	2.21E-06	1.51E-05	3.13E-06
	1000	40	18	9	4	22	7	2.39E-05	7.30E-06	2.80E-06	2.25E-05	3.31E-06	6.92E-06	1.24E-06
	1000	40	18	9	4	24	8	2.17E-05	6.70E-06	2.93E-05	3.60E-05	5.45E-06	5.68E-05	9.09E-06
	1000	40	18	9	4	26	9	4.80E-05	1.52E-05	2.45E-05	5.44E-05	1.00E-05	3.77E-05	6.12E-06
	1000	40	18	9	4	19	5	4.86E-07	1.50E-07	5.33E-08	5.80E-07	1.32E-07	2.27E-07	5.66E-08
	1000	40	18	9	4	23	7	1.44E-06	4.60E-07	3.00E-07	1.77E-06	2.94E-07	7.53E-07	1.43E-07
	1000	40	18	9	4	27	9	2.13E-06	7.00E-07	3.63E-06	4.29E-06	9.66E-07	5.65E-06	9.27E-07
	1000	40	18	9	4	22	6	6.43E-08	2.28E-08	4.59E-09	7.48E-08	1.73E-08	1.52E-08	3.54E-09
	1000	40	18	9	4	29	9	2.71E-08	1.42E-08	7.02E-09	1.93E-08	7.71E-09	1.11E-08	1.87E-09
[9]	950	132	50	9	4	114	45	7.90E-01	1.30E-01	7.63E-01	5.86E-01	8.77E-02	8.24E-01	4.17E-02
	950	132	50	9	4	115	45	4.81E-01	5.90E-02	7.89E-01	3.74E-01	5.17E-02	8.55E-01	4.33E-02
	950	132	50	9	4	116	45	3.38E-01	4.90E-02	3.75E-01	2.28E-01	2.91E-02	4.08E-01	2.07E-02
	950	132	50	9	4	117	46	1.16E+00	1.00E-01	1.23E+00	1.09E+00	1.37E-01	1.33E+00	6.66E-02
	950	132	50	9	4	118	46	9.36E-01	8.20E-02	1.33E+00	7.51E-01	8.74E-02	1.44E+00	7.21E-02
	950	132	50	9	4	119	46	5.91E-01	6.50E-02	6.43E-01	4.92E-01	5.32E-02	6.93E-01	3.48E-02
	950	132	50	9	4	120	46	4.51E-01	4.40E-02	6.34E-01	3.03E-01	3.08E-02	6.81E-01	3.43E-02
	950	132	50	9	4	121	46	1.86E-01	9.30E-02	2.58E-01	1.72E-01	1.68E-02	2.75E-01	1.40E-02
	950	132	50	9	4	122	46	1.17E-01	4.70E-02	1.96E-01	8.90E-02	8.65E-03	2.07E-01	1.06E-02
	950	132	50	9	4	123	46	7.00E-02	1.10E-02	5.99E-02	4.13E-02	4.15E-03	6.25E-02	3.25E-03
	950	132	50	9	4	124	46	2.90E-02	1.00E-02	3.05E-02	1.69E-02	1.84E-03	3.13E-02	1.67E-03
	950	132	50	9	4	125	46	8.00E-03	4.00E-03	5.54E-03	5.98E-03	7.35E-04	5.57E-03	3.13E-04
	950	132	50	9	4	120	47	2.61E+00	3.10E-01	2.09E+00	2.57E+00	2.77E-01	2.23E+00	1.11E-01
	950	132	50	9	4	121	47	2.31E+00	1.10E-01	2.32E+00	1.99E+00	1.98E-01	2.48E+00	1.23E-01
	950	132	50	9	4	122	47	1.43E+00	1.10E-01	1.13E+00	1.45E+00	1.36E-01	1.19E+00	5.99E-02
	950	132	50	9	4	123	47	9.90E-01	8.00E-02	1.04E+00	9.90E-01	8.89E-02	1.09E+00	5.53E-02
	950	132	50	9	4	124	47	6.80E-01	2.20E-01	4.09E-01	6.18E-01	5.52E-02	4.23E-01	2.18E-02
	950	132	50	9	4	125	47	3.98E-01	4.80E-02	2.65E-01	3.47E-01	3.25E-02	2.69E-01	1.43E-02
	950	132	50	9	4	126	47	2.32E-01	2.00E-02	6.66E-02	1.72E-01	1.79E-02	6.59E-02	3.72E-03
	950	132	50	9	4	127	47	1.47E-01	1.60E-02	2.77E-02	7.34E-02	8.87E-03	2.71E-02	1.71E-03
	950	132	50	9	4	128	47	2.20E-02	1.10E-02	2.71E-03	2.63E-02	3.80E-03	2.78E-03	2.27E-04
	950	132	50	9	4	129	47	6.00E-03	6.00E-03	3.89E-04	7.69E-03	1.35E-03	5.41E-04	8.41E-05
	950	132	50	9	4	122	48	8.46E+00	5.80E-01	6.29E+00	8.72E+00	9.40E-01	6.65E+00	3.28E-01
	950	132	50	9	4	123	48	7.97E+00	2.40E-01	3.65E+00	8.09E+00	8.10E-01	3.84E+00	1.91E-01
	950	132	50	9	4	124	48	6.22E+00	2.10E-01	4.12E+00	7.11E+00	6.68E-01	4.28E+00	2.15E-01
	950	132	50	9	4	125	48	5.36E+00	2.00E-01	2.05E+00	5.82E+00	5.27E-01	2.09E+00	1.07E-01
	950	132	50	9	4	126	48	3.49E+00	1.50E-01	1.81E+00	4.35E+00	3.97E-01	1.80E+00	9.64E-02
	950	132	50	9	4	127	48	2.65E+00	3.40E-01	7.63E-01	2.90E+00	2.84E-01	7.41E-01	4.24E-02
	950	132	50	9	4	128	48	2.00E+00	8.30E-02	5.37E-01	1.69E+00	1.87E-01	5.12E-01	3.31E-02
	950	132	50	9	4	129	48	9.46E-01	4.00E-02	9.61E-02	8.27E-01	1.09E-01	9.56E-02	8.02E-03
	950	132	50	9	4	130	48	3.95E-01	2.60E-02	2.78E-02	3.32E-01	5.28E-02	3.72E-02	5.81E-03
	950	132	50	9	4	125	49	1.06E+01	2.50E+00	1.18E+01	2.61E+01	2.87E+00	1.22E+01	6.09E-01
	950	132	50	9	4	126	49	1.35E+01	3.10E-01	7.83E+00	2.66E+01	2.74E+00	7.91E+00	4.06E-01
	950	132	50	9	4	127	49	1.21E+01	3.00E-01	1.09E+01	2.48E+01	2.48E+00	1.07E+01	5.76E-01
	950	132	50	9	4	128	49	1.60E+01	2.70E-01	7.64E+00	2.07E+01	2.10E+00	7.30E+00	4.24E-01
	950	132	50	9	4	129	49	2.12E+01	1.41E+00	9.48E+00	1.49E+01	1.66E+00	8.84E+00	5.88E-01
	950	132	50	9	4	130	49	1.85E+01	1.40E+00	3.79E+00	9.05E+00	1.16E+00	3.66E+00	3.17E-01
	950	132	50	9	4	131	49	1.54E+01	2.10E-01	3.12E+00	4.43E+00	6.82E-01	4.01E+00	6.32E-01
	950	132	50	9	4	132	49	3.04E-01	2.30E-02	5.42E-01	1.67E+00	3.15E-01	2.52E+00	1.16E+00
	950	132	50	9	4	128	50	2.00E+01	3.80E-01	3.69E+01	3.84E+01	4.65E+00	3.58E+01	1.94E+00
	950	132	50	9	4	129	50	2.93E+01	4.60E-01	3.92E+01	3.51E+01	4.27E+00	3.67E+01	2.18E+00
	950	132	50	9	4	130	50	4.28E+01	5.60E-01	7.97E+01	2.73E+01	3.57E+00	7.24E+01	5.00E+00
	950	132	50	9	4	131	50	1.45E+02	3.27E+00	6.69E+01	1.74E+01	2.61E+00	6.23E+01	5.64E+00
	950	132	50	9	4	130	51	1.38E+00	1.50E-01	1.63E+01	6.17E+00	1.20E+00	1.49E+01	9.14E-01
	950	132	50	9	4	131	51	1.55E+00	1.10E-01	2.16E+01	4.19E+00	9.20E-01	1.91E+01	1.38E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	950	132	50	9	4	132	51	7.31E-01	7.30E-02	8.70E+00	2.24E+00	5.78E-01	7.81E+00	7.42E-01
[10]	950	197	79	9	4	183	72	4.35E-04	9.00E-05	1.18E-03	1.05E-03	1.13E-04	9.37E-04	4.42E-05
	950	197	79	9	4	184	72	1.81E-04	2.74E-05	4.56E-04	3.40E-04	3.58E-05	3.65E-04	1.75E-05
	950	197	79	9	4	185	72	1.24E-04	6.81E-06	1.58E-04	9.36E-05	1.01E-05	1.27E-04	6.28E-06
	950	197	79	9	4	186	72	3.20E-05	1.40E-06	4.83E-05	2.15E-05	2.47E-06	3.91E-05	1.98E-06
	950	197	79	9	4	187	72	9.36E-06	7.60E-07	1.26E-05	4.03E-06	5.09E-07	1.03E-05	5.35E-07
	950	197	79	9	4	188	72	1.85E-06	6.00E-07	2.85E-06	6.02E-07	8.47E-08	2.30E-06	1.24E-07
	950	197	79	9	4	185	73	3.72E-03	7.45E-04	4.12E-03	3.73E-03	3.64E-04	3.25E-03	1.54E-04
	950	197	79	9	4	186	73	9.61E-04	1.44E-04	1.61E-03	1.29E-03	1.24E-04	1.28E-03	6.16E-05
	950	197	79	9	4	187	73	2.90E-04	4.23E-06	5.59E-04	3.77E-04	3.77E-05	4.47E-04	2.20E-05
	950	197	79	9	4	188	73	6.59E-05	2.01E-06	1.74E-04	9.21E-05	9.98E-06	1.39E-04	7.02E-06
	950	197	79	9	4	189	73	1.46E-05	1.73E-06	4.95E-05	1.83E-05	2.20E-06	3.95E-05	2.05E-06
	950	197	79	9	4	187	74	1.06E-02	1.63E-03	1.47E-02	1.44E-02	1.30E-03	1.16E-02	5.47E-04
	950	197	79	9	4	188	74	3.75E-03	1.58E-04	6.15E-03	5.41E-03	4.89E-04	4.86E-03	2.33E-04
	950	197	79	9	4	189	74	1.59E-03	1.59E-04	2.46E-03	1.72E-03	1.65E-04	1.94E-03	9.50E-05
	950	197	79	9	4	190	74	3.37E-04	4.53E-06	8.86E-04	4.56E-04	4.80E-05	6.97E-04	3.51E-05
	950	197	79	9	4	191	74	5.54E-05	1.78E-06	2.70E-04	9.82E-05	1.16E-05	2.10E-04	1.10E-05
	950	197	79	9	4	192	74	6.88E-06	9.00E-07	6.47E-05	1.67E-05	2.23E-06	4.96E-05	2.78E-06
	950	197	79	9	4	189	75	5.07E-02	1.02E-02	6.59E-02	6.34E-02	5.66E-03	5.13E-02	2.43E-03
	950	197	79	9	4	190	75	3.00E-02	3.04E-03	3.37E-02	2.64E-02	2.43E-03	2.63E-02	1.26E-03
	950	197	79	9	4	191	75	9.67E-03	2.56E-03	1.54E-02	9.31E-03	9.25E-04	1.20E-02	5.91E-04
	950	197	79	9	4	192	75	2.34E-03	2.34E-04	5.99E-03	2.72E-03	3.01E-04	4.59E-03	2.37E-04
	950	197	79	9	4	193	75	3.32E-04	4.43E-06	1.86E-03	6.39E-04	8.07E-05	1.40E-03	7.80E-05
	950	197	79	9	4	194	75	1.00E-05	2.00E-07	4.35E-04	1.18E-04	1.73E-05	3.21E-04	2.01E-05
	950	197	79	9	4	190	76	5.20E-01	1.05E-01	6.34E-01	5.80E-01	5.72E-02	4.86E-01	2.31E-02
	950	197	79	9	4	191	76	3.02E-01	4.66E-02	4.15E-01	3.14E-01	3.13E-02	3.18E-01	1.52E-02
	950	197	79	9	4	192	76	2.15E-01	4.30E-02	2.44E-01	1.46E-01	1.54E-02	1.86E-01	9.13E-03
	950	197	79	9	4	193	76	3.98E-02	2.06E-03	1.24E-01	5.71E-02	6.65E-03	9.29E-02	4.81E-03
	950	197	79	9	4	194	76	1.10E-02	2.64E-04	5.18E-02	1.82E-02	2.40E-03	3.81E-02	2.17E-03
	950	197	79	9	4	192	77	5.18E+00	2.08E+00	4.04E+00	2.52E+00	2.92E-01	3.04E+00	1.48E-01
	950	197	79	9	4	193	77	1.87E+00	2.25E-02	3.09E+00	1.50E+00	1.82E-01	2.31E+00	1.15E-01
	950	197	79	9	4	194	77	8.44E-01	3.38E-01	2.11E+00	7.52E-01	9.93E-02	1.55E+00	8.22E-02
	950	197	79	9	4	195	77	4.14E-01	6.21E-02	1.24E+00	3.10E-01	4.57E-02	8.93E-01	5.28E-02
	950	197	79	9	4	196	78	1.40E+01	6.16E-02	2.02E+01	2.06E+00	3.47E-01	1.41E+01	8.91E-01
[11]	790	129	54	27	13	102	50	1.12E-06	2.00E-06	1.48E-05	1.25E-06	2.29E-07	7.63E-06	3.92E-07
	790	129	54	27	13	86	41	1.01E-01	9.00E-03	4.04E-01	2.03E-01	2.43E-02	2.77E-01	1.68E-02
	790	129	54	27	13	88	42	7.30E-02	5.90E-03	3.78E-01	1.56E-01	1.69E-02	2.50E-01	1.41E-02
	790	129	54	27	13	90	43	3.77E-02	3.50E-03	1.87E-01	1.11E-01	1.12E-02	1.20E-01	6.37E-03
	790	129	54	27	13	92	44	3.14E-02	3.00E-03	1.57E-01	7.18E-02	7.05E-03	9.74E-02	4.90E-03
	790	129	54	27	13	94	45	2.37E-02	2.60E-03	7.39E-02	4.20E-02	4.11E-03	4.48E-02	2.16E-03
	790	129	54	27	13	96	46	1.11E-02	1.40E-03	5.73E-02	2.18E-02	2.17E-03	3.39E-02	1.59E-03
	790	129	54	27	13	98	47	6.14E-03	1.17E-03	2.48E-02	9.89E-03	1.02E-03	1.43E-02	6.62E-04
	790	129	54	27	13	100	48	2.75E-03	9.20E-04	1.83E-02	3.88E-03	4.15E-04	1.04E-02	4.78E-04
	790	129	54	27	13	102	49	4.30E-03	1.92E-02	6.71E-03	1.30E-03	1.45E-04	3.75E-03	1.75E-04
	790	129	54	27	13	104	50	5.77E-04	3.61E-04	4.80E-03	3.65E-04	4.27E-05	2.65E-03	1.26E-04
	790	129	54	27	13	85	40	7.14E-01	5.30E-02	2.62E+00	7.61E-01	9.45E-02	1.90E+00	1.23E-01
	790	129	54	27	13	87	41	5.70E-01	4.40E-02	1.56E+00	7.09E-01	7.62E-02	1.09E+00	6.52E-02
	790	129	54	27	13	89	42	4.37E-01	3.40E-02	1.57E+00	6.20E-01	5.88E-02	1.06E+00	5.89E-02
	790	129	54	27	13	91	43	3.50E-01	3.70E-02	8.81E-01	5.02E-01	4.32E-02	5.78E-01	3.00E-02
	790	129	54	27	13	93	44	2.24E-01	2.40E-02	7.87E-01	3.71E-01	3.01E-02	5.02E-01	2.46E-02
	790	129	54	27	13	95	45	1.50E-01	1.40E-02	4.34E-01	2.47E-01	1.98E-02	2.70E-01	1.27E-02
	790	129	54	27	13	97	46	1.02E-01	9.00E-03	3.53E-01	1.46E-01	1.19E-02	2.14E-01	9.76E-03
	790	129	54	27	13	99	47	5.46E-02	5.10E-03	1.77E-01	7.56E-02	6.47E-03	1.05E-01	4.71E-03
	790	129	54	27	13	101	48	2.56E-02	3.30E-03	1.41E-01	3.41E-02	3.06E-03	8.21E-02	3.66E-03
	790	129	54	27	13	103	49	1.04E-02	1.80E-03	5.83E-02	1.32E-02	1.24E-03	3.36E-02	1.51E-03
	790	129	54	27	13	105	50	4.23E-03	9.50E-04	4.40E-02	4.35E-03	4.34E-04	2.50E-02	1.15E-03
	790	129	54	27	13	86	40	2.24E+00	2.30E-01	5.78E+00	1.58E+00	1.86E-01	4.28E+00	2.73E-01
	790	129	54	27	13	88	41	1.75E+00	2.70E-01	3.83E+00	1.69E+00	1.68E-01	2.74E+00	1.61E-01
	790	129	54	27	13	90	42	1.93E+00	1.50E-01	4.20E+00	1.68E+00	1.44E-01	2.90E+00	1.58E-01
	790	129	54	27	13	92	43	1.78E+00	1.20E-01	2.64E+00	1.55E+00	1.18E-01	1.77E+00	9.03E-02
	790	129	54	27	13	94	44	1.47E+00	1.00E-01	2.71E+00	1.31E+00	9.21E-02	1.77E+00	8.50E-02
	790	129	54	27	13	96	45	1.06E+00	7.00E-02	1.57E+00	9.93E-01	6.86E-02	1.00E+00	4.58E-02

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
790	129	54	27	13	98	46	7.14E-01	5.50E-02	1.50E+00	6.71E-01	4.78E-02	9.34E-01	4.13E-02	
790	129	54	27	13	100	47	4.43E-01	3.60E-02	8.04E-01	4.00E-01	3.00E-02	4.91E-01	2.13E-02	
790	129	54	27	13	102	48	2.17E-01	1.70E-02	7.21E-01	2.08E-01	1.66E-02	4.33E-01	1.87E-02	
790	129	54	27	13	104	49	1.00E-01	1.00E-02	3.34E-01	9.42E-02	7.91E-03	1.98E-01	8.59E-03	
790	129	54	27	13	106	50	3.80E-02	5.10E-03	2.62E-01	3.67E-02	3.28E-03	1.53E-01	6.79E-03	
790	129	54	27	13	108	51	1.02E-02	8.30E-03	8.84E-02	1.22E-02	1.18E-03	5.13E-02	2.33E-03	
790	129	54	27	13	110	52	2.01E-02	3.91E-02	4.44E-02	3.34E-03	3.63E-04	2.56E-02	1.21E-03	
790	129	54	27	13	87	40	5.81E+00	7.10E-01	7.76E+00	2.32E+00	2.61E-01	5.86E+00	3.68E-01	
790	129	54	27	13	89	41	5.56E+00	6.50E-01	6.74E+00	2.80E+00	2.65E-01	4.92E+00	2.85E-01	
790	129	54	27	13	91	42	5.32E+00	6.30E-01	6.82E+00	3.18E+00	2.54E-01	4.82E+00	2.59E-01	
790	129	54	27	13	93	43	4.81E+00	5.70E-01	6.00E+00	3.33E+00	2.32E-01	4.11E+00	2.06E-01	
790	129	54	27	13	95	44	3.03E+00	7.30E-01	5.38E+00	3.19E+00	2.03E-01	3.59E+00	1.69E-01	
790	129	54	27	13	97	45	3.02E+00	3.70E-01	4.39E+00	2.75E+00	1.72E-01	2.86E+00	1.28E-01	
790	129	54	27	13	99	46	2.13E+00	2.80E-01	3.76E+00	2.12E+00	1.38E-01	2.40E+00	1.04E-01	
790	129	54	27	13	101	47	1.86E+00	2.40E-01	2.73E+00	1.45E+00	9.99E-02	1.71E+00	7.23E-02	
790	129	54	27	13	103	48	1.04E+00	1.00E-01	2.30E+00	8.73E-01	6.36E-02	1.42E+00	5.95E-02	
790	129	54	27	13	105	49	5.61E-01	4.50E-02	1.33E+00	4.62E-01	3.53E-02	8.14E-01	3.43E-02	
790	129	54	27	13	107	50	2.40E-01	2.20E-02	1.05E+00	2.14E-01	1.72E-02	6.32E-01	2.71E-02	
790	129	54	27	13	109	51	6.84E-02	1.14E-02	3.99E-01	8.54E-02	7.42E-03	2.39E-01	1.05E-02	
790	129	54	27	13	111	52	2.42E-02	9.60E-03	2.19E-01	2.89E-02	2.80E-03	1.31E-01	5.94E-03	
790	129	54	27	13	113	53	7.20E-03	8.80E-03	4.79E-02	7.86E-03	8.82E-04	2.84E-02	1.34E-03	
790	129	54	27	13	115	54	3.08E-03	2.75E-03	1.30E-02	1.52E-03	2.10E-04	7.69E-03	3.80E-04	
790	129	54	27	13	88	40	5.88E+00	4.30E-01	8.33E+00	2.49E+00	2.75E-01	6.41E+00	3.98E-01	
790	129	54	27	13	90	41	6.14E+00	4.80E-01	6.98E+00	3.40E+00	3.11E-01	5.19E+00	2.97E-01	
790	129	54	27	13	92	42	6.52E+00	5.60E-01	9.48E+00	4.34E+00	3.32E-01	6.83E+00	3.61E-01	
790	129	54	27	13	94	43	5.50E+00	5.10E-01	7.55E+00	5.12E+00	3.38E-01	5.29E+00	2.60E-01	
790	129	54	27	13	96	44	7.27E+00	9.00E-01	9.22E+00	5.52E+00	3.34E-01	6.30E+00	2.91E-01	
790	129	54	27	13	98	45	6.38E+00	7.60E-01	6.89E+00	5.38E+00	3.22E-01	4.60E+00	2.02E-01	
790	129	54	27	13	100	46	5.73E+00	6.70E-01	7.87E+00	4.70E+00	2.93E-01	5.15E+00	2.17E-01	
790	129	54	27	13	102	47	4.13E+00	4.80E-01	5.41E+00	3.67E+00	2.40E-01	3.48E+00	1.43E-01	
790	129	54	27	13	104	48	3.22E+00	3.80E-01	5.85E+00	2.55E+00	1.73E-01	3.71E+00	1.51E-01	
790	129	54	27	13	106	49	1.77E+00	2.20E-01	3.35E+00	1.57E+00	1.10E-01	2.10E+00	8.58E-02	
790	129	54	27	13	108	50	1.27E+00	1.70E-01	3.03E+00	8.60E-01	6.22E-02	1.88E+00	7.81E-02	
790	129	54	27	13	110	51	5.45E-01	1.05E-01	1.32E+00	4.15E-01	3.18E-02	8.16E-01	3.48E-02	
790	129	54	27	13	112	52	2.97E-01	1.09E-01	7.84E-01	1.73E-01	1.46E-02	4.81E-01	2.12E-02	
790	129	54	27	13	114	53	4.19E-02	4.50E-02	1.99E-01	5.89E-02	5.74E-03	1.22E-01	5.59E-03	
790	129	54	27	13	116	54	1.18E-02	1.45E-02	5.70E-02	1.43E-02	1.75E-03	3.49E-02	1.67E-03	
790	129	54	27	13	118	55	6.06E-03	3.69E-03	4.66E-03	1.81E-03	3.08E-04	2.86E-03	1.44E-04	
790	129	54	27	13	89	40	4.45E+00	4.50E-01	4.85E+00	2.07E+00	2.27E-01	3.80E+00	2.33E-01	
790	129	54	27	13	91	41	5.56E+00	4.20E-01	6.86E+00	3.15E+00	2.84E-01	5.20E+00	2.94E-01	
790	129	54	27	13	93	42	6.10E+00	4.40E-01	6.76E+00	4.49E+00	3.35E-01	4.97E+00	2.60E-01	
790	129	54	27	13	95	43	7.24E+00	4.80E-01	9.10E+00	5.90E+00	3.81E-01	6.51E+00	3.16E-01	
790	129	54	27	13	97	44	7.41E+00	4.90E-01	8.57E+00	7.10E+00	4.25E-01	5.98E+00	2.72E-01	
790	129	54	27	13	99	45	7.89E+00	5.30E-01	1.02E+01	7.74E+00	4.64E-01	6.94E+00	2.99E-01	
790	129	54	27	13	101	46	8.30E+00	5.90E-01	9.17E+00	7.61E+00	4.75E-01	6.15E+00	2.54E-01	
790	129	54	27	13	103	47	7.62E+00	7.00E-01	9.65E+00	6.73E+00	4.36E-01	6.37E+00	2.56E-01	
790	129	54	27	13	105	48	9.18E+00	1.03E+00	8.55E+00	5.35E+00	3.52E-01	5.56E+00	2.21E-01	
790	129	54	27	13	107	49	5.16E+00	6.50E-01	7.09E+00	3.82E+00	2.51E-01	4.57E+00	1.82E-01	
790	129	54	27	13	109	50	2.88E+00	3.60E-01	5.98E+00	2.46E+00	1.63E-01	3.82E+00	1.54E-01	
790	129	54	27	13	111	51	1.40E+00	1.80E-01	3.33E+00	1.43E+00	9.74E-02	2.11E+00	8.74E-02	
790	129	54	27	13	113	52	6.07E-01	8.40E-02	2.09E+00	7.28E-01	5.35E-02	1.32E+00	5.65E-02	
790	129	54	27	13	115	53	2.85E-01	3.80E-02	6.39E-01	3.10E-01	2.58E-02	4.04E-01	1.79E-02	
790	129	54	27	13	117	54	7.17E-02	1.74E-02	1.98E-01	9.41E-02	9.95E-03	1.25E-01	5.83E-03	
790	129	54	27	13	119	55	1.36E-02	6.90E-03	1.77E-02	1.43E-02	2.17E-03	1.12E-02	5.49E-04	
790	129	54	27	13	90	40	3.49E+00	6.50E-01	3.51E+00	1.40E+00	1.54E-01	2.80E+00	1.70E-01	
790	129	54	27	13	92	41	3.83E+00	6.90E-01	3.57E+00	2.35E+00	2.11E-01	2.75E+00	1.54E-01	
790	129	54	27	13	94	42	4.99E+00	9.00E-01	5.65E+00	3.69E+00	2.74E-01	4.24E+00	2.18E-01	
790	129	54	27	13	96	43	5.00E+00	9.10E-01	5.47E+00	5.34E+00	3.46E-01	3.99E+00	1.91E-01	
790	129	54	27	13	98	44	6.06E+00	1.17E+00	8.41E+00	7.10E+00	4.35E-01	6.00E+00	2.68E-01	
790	129	54	27	13	100	45	8.15E+00	6.40E-01	7.66E+00	8.57E+00	5.36E-01	5.35E+00	2.26E-01	
790	129	54	27	13	102	46	9.09E+00	6.30E-01	1.11E+01	9.39E+00	6.12E-01	7.59E+00	3.08E-01	
790	129	54	27	13	104	47	9.06E+00	6.40E-01	9.37E+00	9.33E+00	6.22E-01	6.33E+00	2.49E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
790	129	54	27	13	106	48	9.17E+00	6.80E-01	1.24E+01	8.41E+00	5.58E-01	8.26E+00	3.21E-01	
790	129	54	27	13	108	49	8.42E+00	6.00E-01	9.13E+00	6.92E+00	4.47E-01	6.04E+00	2.34E-01	
790	129	54	27	13	110	50	8.22E+00	5.30E-01	1.01E+01	5.21E+00	3.30E-01	6.64E+00	2.61E-01	
790	129	54	27	13	112	51	5.21E+00	4.10E-01	6.06E+00	3.60E+00	2.30E-01	3.96E+00	1.59E-01	
790	129	54	27	13	114	52	3.13E+00	3.00E-01	4.58E+00	2.24E+00	1.50E-01	2.99E+00	1.24E-01	
790	129	54	27	13	116	53	1.05E+00	2.10E-01	1.57E+00	1.18E+00	8.67E-02	1.03E+00	4.44E-02	
790	129	54	27	13	118	54	4.21E-01	8.10E-02	5.61E-01	4.41E-01	4.09E-02	3.67E-01	1.66E-02	
790	129	54	27	13	120	55	1.19E-01	1.20E-01	5.44E-02	7.82E-02	1.07E-02	3.58E-02	1.70E-03	
790	129	54	27	13	91	40	1.16E+00	1.30E-01	1.43E+00	8.08E-01	8.98E-02	1.16E+00	6.96E-02	
790	129	54	27	13	93	41	1.80E+00	1.80E-01	2.43E+00	1.48E+00	1.33E-01	1.91E+00	1.05E-01	
790	129	54	27	13	95	42	2.47E+00	4.80E-01	2.56E+00	2.52E+00	1.88E-01	1.95E+00	9.96E-02	
790	129	54	27	13	97	43	4.39E+00	7.90E-01	4.36E+00	3.98E+00	2.62E-01	3.25E+00	1.53E-01	
790	129	54	27	13	99	44	5.28E+00	9.40E-01	4.29E+00	5.77E+00	3.69E-01	3.13E+00	1.38E-01	
790	129	54	27	13	101	45	6.63E+00	1.17E+00	7.03E+00	7.65E+00	5.05E-01	5.02E+00	2.09E-01	
790	129	54	27	13	103	46	8.13E+00	1.43E+00	6.70E+00	9.24E+00	6.36E-01	4.70E+00	1.87E-01	
790	129	54	27	13	105	47	9.33E+00	1.65E+00	1.01E+01	1.02E+01	7.14E-01	6.97E+00	2.69E-01	
790	129	54	27	13	107	48	1.10E+01	2.10E+00	9.81E+00	1.04E+01	7.12E-01	6.71E+00	2.55E-01	
790	129	54	27	13	109	49	1.25E+01	1.70E+00	1.22E+01	9.73E+00	6.44E-01	8.25E+00	3.13E-01	
790	129	54	27	13	111	50	1.14E+01	9.00E-01	1.14E+01	8.52E+00	5.48E-01	7.71E+00	2.96E-01	
790	129	54	27	13	113	51	7.94E+00	5.90E-01	9.96E+00	6.96E+00	4.49E-01	6.69E+00	2.63E-01	
790	129	54	27	13	115	52	6.01E+00	5.00E-01	7.31E+00	5.23E+00	3.48E-01	4.91E+00	1.99E-01	
790	129	54	27	13	117	53	2.45E+00	2.40E-01	3.50E+00	3.37E+00	2.40E-01	2.35E+00	9.92E-02	
790	129	54	27	13	119	54	1.28E+00	1.10E-01	1.22E+00	1.53E+00	1.32E-01	8.23E-01	3.63E-02	
790	129	54	27	13	121	55	2.39E-01	2.80E-02	1.52E-01	3.07E-01	3.85E-02	1.03E-01	4.79E-03	
790	129	54	27	13	92	40	4.58E-01	7.60E-02	8.00E-01	4.09E-01	4.68E-02	6.59E-01	3.93E-02	
790	129	54	27	13	94	41	9.47E-01	1.03E-01	9.16E-01	8.05E-01	7.43E-02	7.32E-01	4.01E-02	
790	129	54	27	13	96	42	1.43E+00	1.40E-01	1.68E+00	1.48E+00	1.13E-01	1.30E+00	6.58E-02	
790	129	54	27	13	98	43	2.01E+00	1.90E-01	1.78E+00	2.52E+00	1.71E-01	1.35E+00	6.33E-02	
790	129	54	27	13	100	44	2.80E+00	2.50E-01	3.20E+00	3.96E+00	2.64E-01	2.38E+00	1.04E-01	
790	129	54	27	13	102	45	3.47E+00	3.30E-01	3.30E+00	5.70E+00	3.95E-01	2.41E+00	9.90E-02	
790	129	54	27	13	104	46	6.77E+00	1.23E+00	5.57E+00	7.54E+00	5.44E-01	4.00E+00	1.57E-01	
790	129	54	27	13	106	47	8.24E+00	1.45E+00	5.66E+00	9.20E+00	6.70E-01	4.01E+00	1.52E-01	
790	129	54	27	13	108	48	9.73E+00	1.72E+00	9.66E+00	1.04E+01	7.42E-01	6.77E+00	2.53E-01	
790	129	54	27	13	110	49	1.03E+01	1.80E+00	9.15E+00	1.11E+01	7.61E-01	6.36E+00	2.37E-01	
790	129	54	27	13	112	50	1.32E+01	2.30E+00	1.43E+01	1.12E+01	7.52E-01	9.88E+00	3.72E-01	
790	129	54	27	13	114	51	1.30E+01	2.30E+00	1.08E+01	1.07E+01	7.33E-01	7.45E+00	2.86E-01	
790	129	54	27	13	116	52	1.10E+01	2.00E+00	1.18E+01	9.68E+00	6.84E-01	8.16E+00	3.24E-01	
790	129	54	27	13	118	53	7.23E+00	1.57E+00	5.54E+00	7.56E+00	5.64E-01	3.83E+00	1.58E-01	
790	129	54	27	13	120	54	3.88E+00	2.80E-01	2.65E+00	4.06E+00	3.55E-01	1.84E+00	7.96E-02	
790	129	54	27	13	122	55	6.77E-01	7.40E-02	3.18E-01	8.90E-01	1.08E-01	2.22E-01	1.01E-02	
790	129	54	27	13	93	40	1.61E-01	2.40E-02	2.59E-01	1.87E-01	2.23E-02	2.16E-01	1.28E-02	
790	129	54	27	13	95	41	2.75E-01	3.20E-02	5.03E-01	3.93E-01	3.76E-02	4.09E-01	2.22E-02	
790	129	54	27	13	97	42	5.20E-01	5.70E-02	5.73E-01	7.71E-01	6.07E-02	4.54E-01	2.27E-02	
790	129	54	27	13	99	43	9.91E-01	1.27E-01	1.13E+00	1.41E+00	9.84E-02	8.71E-01	4.03E-02	
790	129	54	27	13	101	44	1.67E+00	3.50E-01	1.22E+00	2.37E+00	1.63E-01	9.22E-01	3.98E-02	
790	129	54	27	13	103	45	2.85E+00	2.50E-01	2.30E+00	3.67E+00	2.63E-01	1.71E+00	6.95E-02	
790	129	54	27	13	105	46	4.04E+00	3.40E-01	2.45E+00	5.27E+00	3.90E-01	1.80E+00	6.97E-02	
790	129	54	27	13	107	47	5.77E+00	4.80E-01	4.68E+00	7.03E+00	5.23E-01	3.39E+00	1.27E-01	
790	129	54	27	13	109	48	9.57E+00	2.45E+00	5.16E+00	8.83E+00	6.41E-01	3.70E+00	1.36E-01	
790	129	54	27	13	111	49	1.09E+01	2.00E+00	9.06E+00	1.06E+01	7.43E-01	6.46E+00	2.37E-01	
790	129	54	27	13	113	50	1.20E+01	2.30E+00	1.02E+01	1.22E+01	8.53E-01	7.24E+00	2.68E-01	
790	129	54	27	13	115	51	1.49E+01	2.60E+00	1.41E+01	1.37E+01	9.89E-01	9.97E+00	3.77E-01	
790	129	54	27	13	117	52	1.39E+01	2.40E+00	1.24E+01	1.47E+01	1.12E+00	8.80E+00	3.43E-01	
790	129	54	27	13	119	53	1.16E+01	2.00E+00	9.72E+00	1.37E+01	1.11E+00	6.92E+00	2.80E-01	
790	129	54	27	13	121	54	6.11E+00	1.15E+00	4.09E+00	8.54E+00	7.93E-01	2.92E+00	1.24E-01	
790	129	54	27	13	123	55	1.46E+00	2.80E-01	7.18E-01	1.96E+00	2.40E-01	5.17E-01	2.32E-02	
790	129	54	27	13	96	41	1.67E-01	7.20E-02	1.50E-01	1.74E-01	1.76E-02	1.24E-01	6.65E-03	
790	129	54	27	13	98	42	2.41E-01	3.10E-02	3.08E-01	3.63E-01	3.00E-02	2.48E-01	1.23E-02	
790	129	54	27	13	100	43	4.23E-01	4.50E-02	3.57E-01	7.02E-01	5.11E-02	2.81E-01	1.29E-02	
790	129	54	27	13	102	44	6.89E-01	6.10E-02	7.30E-01	1.26E+00	8.92E-02	5.63E-01	2.41E-02	
790	129	54	27	13	104	45	1.22E+00	1.00E-01	8.19E-01	2.09E+00	1.52E-01	6.22E-01	2.51E-02	
790	129	54	27	13	106	46	2.27E+00	2.60E-01	1.69E+00	3.23E+00	2.41E-01	1.26E+00	4.86E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
790	129	54	27	13	108	47	3.76E+00	3.40E-01	2.01E+00	4.69E+00	3.48E-01	1.49E+00	5.52E-02	
790	129	54	27	13	110	48	7.28E+00	6.30E-01	4.24E+00	6.48E+00	4.68E-01	3.11E+00	1.13E-01	
790	129	54	27	13	112	49	8.12E+00	6.60E-01	5.05E+00	8.65E+00	6.10E-01	3.68E+00	1.33E-01	
790	129	54	27	13	114	50	1.16E+01	9.00E-01	1.01E+01	1.14E+01	8.08E-01	7.38E+00	2.69E-01	
790	129	54	27	13	116	51	1.43E+01	1.20E+00	1.06E+01	1.48E+01	1.11E+00	7.68E+00	2.86E-01	
790	129	54	27	13	118	52	1.77E+01	1.50E+00	1.66E+01	1.87E+01	1.51E+00	1.21E+01	4.63E-01	
790	129	54	27	13	120	53	1.40E+01	2.50E+00	1.12E+01	2.06E+01	1.80E+00	8.17E+00	3.26E-01	
790	129	54	27	13	122	54	9.38E+00	1.71E+00	7.39E+00	1.45E+01	1.45E+00	5.43E+00	2.28E-01	
790	129	54	27	13	124	55	2.04E+00	3.90E-01	1.30E+00	3.33E+00	4.27E-01	9.63E-01	4.26E-02	
790	129	54	27	13	103	44	4.46E-01	6.90E-02	2.15E-01	6.03E-01	4.43E-02	1.69E-01	7.21E-03	
790	129	54	27	13	105	45	5.74E-01	5.50E-02	4.83E-01	1.06E+00	7.86E-02	3.73E-01	1.50E-02	
790	129	54	27	13	107	46	1.09E+00	9.00E-02	5.99E-01	1.76E+00	1.31E-01	4.57E-01	1.75E-02	
790	129	54	27	13	109	47	2.23E+00	1.60E-01	1.39E+00	2.77E+00	2.02E-01	1.05E+00	3.88E-02	
790	129	54	27	13	111	48	2.96E+00	2.20E-01	1.89E+00	4.19E+00	2.96E-01	1.42E+00	5.13E-02	
790	129	54	27	13	113	49	4.91E+00	3.90E-01	4.31E+00	6.22E+00	4.30E-01	3.22E+00	1.15E-01	
790	129	54	27	13	115	50	8.73E+00	7.70E-01	5.64E+00	9.24E+00	6.51E-01	4.21E+00	1.52E-01	
790	129	54	27	13	117	51	1.30E+01	1.10E+00	1.16E+01	1.39E+01	1.05E+00	8.67E+00	3.19E-01	
790	129	54	27	13	119	52	1.65E+01	1.30E+00	1.29E+01	2.05E+01	1.70E+00	9.67E+00	3.67E-01	
790	129	54	27	13	121	53	2.07E+01	1.70E+00	1.68E+01	2.63E+01	2.42E+00	1.26E+01	4.97E-01	
790	129	54	27	13	123	54	1.54E+01	1.20E+00	9.07E+00	2.03E+01	2.17E+00	6.84E+00	2.84E-01	
790	129	54	27	13	125	55	3.62E+00	3.40E-01	3.19E+00	4.43E+00	6.07E-01	2.42E+00	1.06E-01	
790	129	54	27	13	110	47	8.55E-01	1.00E-01	5.17E-01	1.47E+00	1.06E-01	3.99E-01	1.46E-02	
790	129	54	27	13	112	48	1.94E+00	1.50E-01	1.34E+00	2.42E+00	1.68E-01	1.03E+00	3.69E-02	
790	129	54	27	13	114	49	3.53E+00	2.50E-01	2.02E+00	3.97E+00	2.68E-01	1.54E+00	5.48E-02	
790	129	54	27	13	116	50	5.79E+00	4.00E-01	5.11E+00	6.64E+00	4.57E-01	3.90E+00	1.40E-01	
790	129	54	27	13	118	51	1.09E+01	7.00E-01	6.93E+00	1.14E+01	8.50E-01	5.29E+00	1.93E-01	
790	129	54	27	13	120	52	1.65E+01	1.10E+00	1.49E+01	1.96E+01	1.63E+00	1.14E+01	4.31E-01	
790	129	54	27	13	122	53	1.93E+01	1.60E+00	1.51E+01	2.86E+01	2.73E+00	1.16E+01	4.56E-01	
790	129	54	27	13	124	54	1.98E+01	1.60E+00	1.72E+01	2.35E+01	2.67E+00	1.33E+01	5.47E-01	
790	129	54	27	13	126	55	3.83E+00	3.60E-01	5.26E+00	4.59E+00	6.87E-01	4.08E+00	1.78E-01	
790	129	54	27	13	115	49	1.80E+00	2.60E-01	1.54E+00	2.26E+00	1.53E-01	1.20E+00	4.27E-02	
790	129	54	27	13	117	50	4.44E+00	3.40E-01	2.45E+00	4.24E+00	2.88E-01	1.91E+00	6.82E-02	
790	129	54	27	13	119	51	7.89E+00	5.40E-01	6.72E+00	8.31E+00	6.06E-01	5.25E+00	1.91E-01	
790	129	54	27	13	121	52	1.40E+01	9.00E-01	9.59E+00	1.63E+01	1.35E+00	7.52E+00	2.82E-01	
790	129	54	27	13	123	53	2.43E+01	1.50E+00	2.06E+01	2.67E+01	2.61E+00	1.62E+01	6.34E-01	
790	129	54	27	13	125	54	2.33E+01	1.80E+00	2.18E+01	2.24E+01	2.69E+00	1.72E+01	7.05E-01	
790	129	54	27	13	127	55	4.18E+00	3.00E-01	1.26E+01	3.69E+00	6.15E-01	9.93E+00	4.31E-01	
790	129	54	27	13	122	52	1.07E+01	1.10E+00	9.95E+00	1.19E+01	9.85E-01	7.97E+00	2.98E-01	
790	129	54	27	13	124	53	2.23E+01	1.40E+00	1.73E+01	2.12E+01	2.13E+00	1.39E+01	5.41E-01	
790	129	54	27	13	126	54	3.12E+01	2.40E+00	4.54E+01	1.74E+01	2.24E+00	3.65E+01	1.49E+00	
790	129	54	27	13	128	55	2.29E+00	1.90E-01	1.74E+01	2.25E+00	4.30E-01	1.40E+01	6.04E-01	
790	129	54	27	13	129	55	8.53E-01	8.00E-02	3.74E+01	1.02E+00	2.30E-01	3.03E+01	1.31E+00	
790	129	54	27	13	110	45	5.23E-03	8.20E-04	2.01E-03	8.01E-03	9.03E-04	1.70E-03	6.77E-05	
790	129	54	27	13	112	46	8.87E-03	3.64E-03	8.19E-03	1.77E-02	1.91E-03	6.86E-03	2.61E-04	
790	129	54	27	13	111	45	2.14E-03	3.20E-04	7.78E-04	2.13E-03	2.76E-04	6.67E-04	2.67E-05	
790	129	54	27	13	113	46	4.64E-03	7.10E-04	1.74E-03	4.91E-03	6.16E-04	1.48E-03	5.68E-05	
790	129	54	27	13	115	47	1.87E-02	2.70E-03	9.30E-03	1.14E-02	1.39E-03	7.88E-03	2.92E-04	
790	129	54	27	13	112	45	8.78E-04	2.15E-03	1.55E-04	4.86E-04	7.20E-05	1.35E-04	5.43E-06	
790	129	54	27	13	114	46	1.11E-03	2.00E-04	8.05E-04	1.18E-03	1.70E-04	6.96E-04	2.68E-05	
790	129	54	27	13	116	47	5.30E-03	7.40E-04	2.01E-03	2.88E-03	4.03E-04	1.73E-03	6.47E-05	
790	129	54	27	13	118	48	9.16E-03	1.19E-03	9.66E-03	7.34E-03	9.81E-04	8.29E-03	3.04E-04	
790	129	54	27	13	120	49	2.41E-02	3.20E-03	2.49E-02	2.02E-02	2.50E-03	2.13E-02	7.78E-04	
790	129	54	27	13	122	50	4.98E-02	1.07E-02	1.09E-01	6.17E-02	6.96E-03	9.34E-02	3.43E-03	
790	129	54	27	13	117	47	1.62E-03	3.30E-04	9.10E-04	6.10E-04	9.71E-05	7.95E-04	3.00E-05	
790	129	54	27	13	119	48	2.02E-03	3.10E-04	2.19E-03	1.65E-03	2.50E-04	1.90E-03	7.07E-05	
790	129	54	27	13	121	49	8.86E-03	1.15E-03	1.03E-02	4.86E-03	6.82E-04	8.93E-03	3.30E-04	
790	129	54	27	13	123	50	2.70E-02	3.20E-03	2.69E-02	1.60E-02	2.06E-03	2.33E-02	8.66E-04	
790	129	54	27	13	125	51	1.32E-01	1.60E-02	1.89E-01	5.72E-02	7.15E-03	1.63E-01	6.14E-03	
790	129	54	27	13	127	52	3.67E-01	5.50E-02	1.05E+00	1.82E-01	2.57E-02	8.92E-01	3.46E-02	
790	129	54	27	13	122	49	1.50E-03	2.90E-04	1.94E-03	9.48E-04	1.48E-04	1.70E-03	6.38E-05	
790	129	54	27	13	124	50	4.65E-03	6.50E-04	9.91E-03	3.34E-03	4.84E-04	8.67E-03	3.26E-04	
790	129	54	27	13	126	51	1.72E-02	2.70E-03	4.21E-02	1.25E-02	1.82E-03	3.65E-02	1.40E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	790	129	54	27	13	128	52	1.65E-02	4.90E-03	5.40E-01	3.93E-02	6.71E-03	4.60E-01	1.82E-02
	790	129	54	27	13	127	51	2.46E-04	2.25E-04	1.32E-02	2.08E-03	3.58E-04	1.14E-02	4.47E-04
[12]	650	58	28	9	4	46	26	1.20E-07	5.30E-08	1.25E-08	1.16E-08	2.70E-09	1.50E-08	1.81E-09
	650	58	28	9	4	50	28	6.10E-08	3.30E-08	1.84E-08	5.81E-08	1.78E-08	2.16E-08	2.68E-09
	650	58	28	9	4	39	22	6.00E-07	1.50E-07	7.63E-07	1.26E-07	2.60E-08	1.12E-06	1.31E-07
	650	58	28	9	4	43	24	1.70E-06	3.90E-07	3.69E-07	2.03E-07	3.47E-08	4.86E-07	5.70E-08
	650	58	28	9	4	47	26	2.50E-06	6.10E-07	3.09E-07	5.73E-07	9.40E-08	3.83E-07	4.57E-08
	650	58	28	9	4	51	28	2.20E-06	6.70E-07	3.86E-07	1.95E-06	4.42E-07	4.71E-07	5.80E-08
	650	58	28	9	4	40	22	6.50E-06	1.50E-06	1.30E-05	9.17E-06	1.58E-06	1.95E-05	2.26E-06
	650	58	28	9	4	44	24	2.10E-05	4.60E-06	7.10E-06	1.25E-05	1.69E-06	9.63E-06	1.12E-06
	650	58	28	9	4	46	25	2.10E-05	4.60E-06	3.86E-06	1.77E-05	2.17E-06	5.07E-06	5.92E-07
	650	58	28	9	4	48	26	2.60E-05	6.20E-06	7.59E-06	2.82E-05	3.40E-06	9.75E-06	1.15E-06
	650	58	28	9	4	50	27	2.20E-05	6.10E-06	4.07E-06	4.71E-05	6.43E-06	5.17E-06	6.20E-07
	650	58	28	9	4	52	28	3.20E-05	9.30E-06	9.63E-06	6.68E-05	1.18E-05	1.22E-05	1.50E-06
	650	58	28	9	4	41	22	4.10E-04	9.20E-05	2.50E-04	4.90E-04	7.08E-05	3.85E-04	4.41E-05
	650	58	28	9	4	43	23	2.70E-04	6.00E-05	1.16E-04	5.12E-04	6.40E-05	1.69E-04	1.93E-05
	650	58	28	9	4	45	24	9.20E-04	2.00E-04	1.81E-04	5.98E-04	6.54E-05	2.53E-04	2.90E-05
	650	58	28	9	4	47	25	3.80E-04	9.10E-05	1.07E-04	7.84E-04	7.74E-05	1.45E-04	1.68E-05
	650	58	28	9	4	49	26	7.70E-04	1.80E-04	2.12E-04	1.13E-03	1.11E-04	2.82E-04	3.30E-05
	650	58	28	9	4	51	27	3.90E-04	1.00E-04	1.30E-04	1.66E-03	1.88E-04	1.72E-04	2.04E-05
	650	58	28	9	4	53	28	9.30E-04	2.60E-04	2.85E-04	1.91E-03	2.89E-04	3.77E-04	4.58E-05
	650	58	28	9	4	40	21	5.30E-03	2.20E-03	4.14E-03	1.67E-02	2.60E-03	6.97E-03	7.97E-04
	650	58	28	9	4	42	22	5.90E-03	1.30E-03	5.23E-03	1.56E-02	2.01E-03	8.23E-03	9.33E-04
	650	58	28	9	4	44	23	1.00E-02	2.30E-03	3.04E-03	1.60E-02	1.74E-03	4.54E-03	5.14E-04
	650	58	28	9	4	46	24	1.30E-02	3.00E-03	4.58E-03	1.81E-02	1.71E-03	6.58E-03	7.48E-04
	650	58	28	9	4	48	25	1.00E-02	2.50E-03	3.20E-03	2.25E-02	1.98E-03	4.48E-03	5.14E-04
	650	58	28	9	4	50	26	1.10E-02	2.60E-03	6.15E-03	3.03E-02	2.76E-03	8.47E-03	9.85E-04
	650	58	28	9	4	52	27	9.20E-03	2.30E-03	4.16E-03	3.95E-02	4.34E-03	5.70E-03	6.74E-04
	650	58	28	9	4	54	28	1.20E-02	3.10E-03	8.86E-03	3.70E-02	5.41E-03	1.22E-02	1.48E-03
	650	58	28	9	4	41	21	4.80E-02	1.80E-02	8.86E-02	2.63E-01	4.08E-02	1.52E-01	1.72E-02
	650	58	28	9	4	43	22	2.20E-01	7.80E-02	1.31E-01	2.52E-01	3.15E-02	2.12E-01	2.37E-02
	650	58	28	9	4	45	23	1.50E-01	5.80E-02	7.74E-02	2.60E-01	2.71E-02	1.19E-01	1.33E-02
	650	58	28	9	4	47	24	2.90E-01	1.20E-01	1.32E-01	2.90E-01	2.68E-02	1.95E-01	2.20E-02
	650	58	28	9	4	49	25	1.80E-01	9.40E-02	9.34E-02	3.52E-01	3.17E-02	1.35E-01	1.54E-02
	650	58	28	9	4	51	26	3.20E-01	2.20E-01	1.86E-01	4.48E-01	4.44E-02	2.65E-01	3.06E-02
	650	58	28	9	4	53	27	1.70E-01	6.80E-02	1.32E-01	5.26E-01	6.38E-02	1.87E-01	2.20E-02
	650	58	28	9	4	55	28	3.10E-01	1.30E-01	2.77E-01	3.99E-01	6.37E-02	3.97E-01	4.80E-02
	650	58	28	9	4	42	21	5.00E-01	1.30E-01	1.36E+00	1.84E+00	2.94E-01	2.38E+00	2.67E-01
	650	58	28	9	4	44	22	1.70E+00	3.80E-01	1.83E+00	1.83E+00	2.36E-01	3.02E+00	3.36E-01
	650	58	28	9	4	46	23	1.50E+00	3.40E-01	1.34E+00	1.93E+00	2.09E-01	2.11E+00	2.34E-01
	650	58	28	9	4	48	24	2.00E+00	4.20E-01	2.07E+00	2.18E+00	2.15E-01	3.16E+00	3.53E-01
	650	58	28	9	4	50	25	1.50E+00	3.10E-01	1.68E+00	2.61E+00	2.64E-01	2.50E+00	2.83E-01
	650	58	28	9	4	52	26	2.10E+00	4.40E-01	2.80E+00	3.19E+00	3.70E-01	4.13E+00	4.75E-01
	650	58	28	9	4	54	27	1.80E+00	3.80E-01	2.33E+00	3.37E+00	4.87E-01	3.43E+00	4.03E-01
	650	58	28	9	4	56	28	4.20E+00	8.60E-01	5.23E+00	2.04E+00	3.91E-01	7.79E+00	9.41E-01
	650	58	28	9	4	43	21	6.80E+00	2.10E+00	8.36E+00	5.48E+00	9.04E-01	1.49E+01	1.65E+00
	650	58	28	9	4	45	22	9.20E+00	2.90E+00	1.09E+01	5.73E+00	7.76E-01	1.84E+01	2.03E+00
	650	58	28	9	4	47	23	8.60E+00	2.60E+00	9.12E+00	6.26E+00	7.33E-01	1.47E+01	1.63E+00
	650	58	28	9	4	49	24	1.00E+01	2.90E+00	1.30E+01	7.17E+00	8.00E-01	2.04E+01	2.27E+00
	650	58	28	9	4	51	25	1.00E+01	2.80E+00	1.15E+01	8.54E+00	1.03E+00	1.76E+01	1.98E+00
	650	58	28	9	4	53	26	1.30E+01	3.50E+00	1.75E+01	9.98E+00	1.43E+00	2.66E+01	3.06E+00
	650	58	28	9	4	55	27	1.60E+01	4.10E+00	1.65E+01	9.41E+00	1.70E+00	2.51E+01	2.96E+00
	650	58	28	9	4	57	28	4.50E+01	9.30E+00	5.41E+01	4.42E+00	1.08E+00	8.36E+01	1.01E+01
	650	58	28	9	4	44	21	1.60E+01	8.30E+02	1.90E+01	7.12E+00	1.25E+00	3.44E+01	3.79E+00
	650	58	28	9	4	46	22	2.30E+01	1.20E+02	2.78E+01	7.84E+00	1.18E+00	4.79E+01	5.25E+00
	650	58	28	9	4	48	23	2.20E+01	4.70E+01	2.37E+01	8.86E+00	1.23E+00	3.92E+01	4.31E+00
	650	58	28	9	4	50	24	2.60E+01	3.30E+01	3.42E+01	1.03E+01	1.45E+00	5.49E+01	6.09E+00
	650	58	28	9	4	52	25	2.60E+01	2.10E+01	3.01E+01	1.21E+01	1.90E+00	4.76E+01	5.35E+00
	650	58	28	9	4	54	26	3.10E+01	1.60E+01	4.64E+01	1.34E+01	2.53E+00	7.30E+01	8.38E+00
	650	58	28	9	4	56	27	2.90E+01	9.40E+00	4.95E+01	1.10E+01	2.63E+00	7.83E+01	9.22E+00
[13]	500	86	36	9	4	53	21	1.20E-03	6.00E-04	1.37E-03	6.18E-04	1.20E-04	9.02E-04	1.22E-04
	500	86	36	9	4	54	21	5.40E-05	2.70E-05	1.54E-04	7.01E-05	1.21E-05	1.07E-04	1.41E-05

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	500	86	36	9	4	55	21	5.40E-06	3.78E-06	3.57E-05	7.96E-06	1.30E-06	2.60E-05	3.36E-06
	500	86	36	9	4	56	22	3.20E-04	1.60E-04	5.98E-04	2.21E-04	3.49E-05	3.88E-04	4.80E-05
	500	86	36	9	4	57	22	2.10E-05	1.05E-05	6.13E-05	2.76E-05	3.94E-06	4.18E-05	5.05E-06
	500	86	36	9	4	58	22	2.80E-06	2.24E-06	1.38E-05	3.37E-06	4.78E-07	9.83E-06	1.16E-06
	500	86	36	9	4	59	23	1.60E-04	8.00E-05	2.68E-04	9.67E-05	1.26E-05	1.72E-04	1.94E-05
	500	86	36	9	4	60	23	1.80E-05	9.00E-06	2.51E-05	1.29E-05	1.61E-06	1.69E-05	1.87E-06
	500	86	36	9	4	61	23	5.20E-06	3.64E-06	5.73E-06	1.65E-06	2.14E-07	4.02E-06	4.39E-07
	500	86	36	9	4	61	24	5.00E-04	2.50E-04	4.81E-04	3.38E-04	4.17E-05	2.92E-04	3.08E-05
	500	86	36	9	4	62	24	5.30E-05	2.65E-05	1.23E-04	4.93E-05	5.67E-06	7.81E-05	8.13E-06
	500	86	36	9	4	63	24	7.70E-06	3.85E-06	1.08E-05	6.83E-06	8.05E-07	7.17E-06	7.39E-07
	500	86	36	9	4	64	24	5.20E-07	5.72E-07	2.03E-06	8.81E-07	1.12E-07	1.41E-06	1.44E-07
	500	86	36	9	4	64	25	2.00E-04	1.00E-04	2.31E-04	1.84E-04	2.08E-05	1.40E-04	1.37E-05
	500	86	36	9	4	65	25	3.10E-05	1.55E-05	5.48E-05	2.77E-05	3.16E-06	3.47E-05	3.39E-06
	500	86	36	9	4	66	25	3.10E-06	2.48E-06	5.20E-06	3.85E-06	4.68E-07	3.43E-06	3.35E-07
	500	86	36	9	4	66	26	7.10E-04	3.55E-04	1.02E-03	6.67E-04	7.84E-05	5.91E-04	5.49E-05
	500	86	36	9	4	67	26	7.10E-05	3.55E-05	1.13E-04	1.08E-04	1.28E-05	6.87E-05	6.39E-06
	500	86	36	9	4	68	26	1.40E-05	7.00E-06	2.42E-05	1.62E-05	2.01E-06	1.53E-05	1.44E-06
	500	86	36	9	4	69	26	2.50E-06	2.00E-06	2.17E-06	2.18E-06	2.89E-07	1.43E-06	1.36E-07
	500	86	36	9	4	69	27	4.90E-04	2.45E-04	5.50E-04	4.06E-04	5.29E-05	3.22E-04	2.89E-05
	500	86	36	9	4	70	27	4.20E-05	2.10E-05	6.07E-05	6.54E-05	8.81E-06	3.72E-05	3.39E-06
	500	86	36	9	4	71	27	5.90E-06	2.95E-06	1.34E-05	9.38E-06	1.33E-06	8.51E-06	7.94E-07
	500	86	36	9	4	72	27	7.70E-07	8.47E-07	7.43E-07	1.16E-06	1.78E-07	4.90E-07	4.71E-08
	500	86	36	9	4	72	28	2.40E-04	1.20E-04	2.19E-04	2.50E-04	3.83E-05	1.30E-04	1.17E-05
	500	86	36	9	4	73	28	1.80E-05	9.00E-06	2.55E-05	3.84E-05	6.09E-06	1.58E-05	1.46E-06
	500	86	36	9	4	74	28	2.90E-06	2.03E-06	5.97E-06	5.08E-06	8.51E-07	3.83E-06	3.67E-07
	500	86	36	9	4	75	28	8.10E-07	9.72E-07	5.98E-07	5.62E-07	1.05E-07	3.95E-07	3.94E-08
[14]	500	92	42	9	4	72	31	9.40E-03	0.00E+00	2.17E-02	6.96E-03	1.02E-03	8.00E-03	6.28E-04
	500	92	42	9	4	73	31	2.70E-03	0.00E+00	3.69E-03	1.30E-03	1.88E-04	1.47E-03	1.17E-04
	500	92	42	9	4	73	32	2.70E-02	0.00E+00	2.02E-01	6.61E-02	9.19E-03	6.48E-02	4.82E-03
	500	92	42	9	4	74	32	1.53E-02	0.00E+00	4.50E-02	1.55E-02	2.02E-03	1.57E-02	1.19E-03
	500	92	42	9	4	75	32	5.10E-03	0.00E+00	3.88E-03	3.09E-03	3.94E-04	1.47E-03	1.14E-04
	500	92	42	9	4	76	32	1.20E-03	0.00E+00	5.23E-04	5.31E-04	7.05E-05	2.13E-04	1.71E-05
	500	92	42	9	4	75	33	4.30E-02	0.00E+00	3.94E-01	1.25E-01	1.53E-02	1.21E-01	8.71E-03
	500	92	42	9	4	76	33	1.80E-02	0.00E+00	4.93E-02	3.18E-02	3.62E-03	1.65E-02	1.22E-03
	500	92	42	9	4	77	33	5.30E-03	0.00E+00	9.15E-03	6.76E-03	7.57E-04	3.31E-03	2.53E-04
	500	92	42	9	4	78	33	2.20E-03	0.00E+00	6.95E-04	1.22E-03	1.43E-04	2.72E-04	2.16E-05
	500	92	42	9	4	76	34	9.20E-02	0.00E+00	2.39E+00	6.33E-01	7.30E-02	6.39E-01	4.48E-02
	500	92	42	9	4	77	34	1.21E-01	0.00E+00	4.41E-01	2.17E-01	2.28E-02	1.29E-01	9.21E-03
	500	92	42	9	4	78	34	3.90E-02	0.00E+00	1.10E-01	5.97E-02	5.91E-03	3.52E-02	2.58E-03
	500	92	42	9	4	79	34	8.90E-03	0.00E+00	1.19E-02	1.35E-02	1.34E-03	4.13E-03	3.15E-04
	500	92	42	9	4	80	34	2.90E-03	0.00E+00	1.88E-03	2.53E-03	2.72E-04	7.10E-04	5.67E-05
	500	92	42	9	4	78	35	5.20E-01	0.00E+00	2.55E+00	9.28E-01	8.99E-02	6.52E-01	4.58E-02
	500	92	42	9	4	79	35	2.20E-01	0.00E+00	8.98E-01	3.50E-01	3.14E-02	2.53E-01	1.82E-02
	500	92	42	9	4	80	35	7.00E-02	0.00E+00	1.48E-01	1.04E-01	9.08E-03	4.57E-02	3.39E-03
	500	92	42	9	4	81	35	1.70E-02	0.00E+00	3.21E-02	2.47E-02	2.28E-03	1.08E-02	8.36E-04
	500	92	42	9	4	82	35	4.20E-03	0.00E+00	3.12E-03	4.79E-03	4.97E-04	1.14E-03	9.27E-05
	500	92	42	9	4	79	36	7.70E-01	0.00E+00	1.05E+01	2.29E+00	2.03E-01	2.35E+00	1.67E-01
	500	92	42	9	4	80	36	1.21E+00	0.00E+00	5.05E+00	1.27E+00	1.05E-01	1.25E+00	8.93E-02
	500	92	42	9	4	81	36	5.10E-01	0.00E+00	1.23E+00	5.25E-01	4.20E-02	3.36E-01	2.46E-02
	500	92	42	9	4	82	36	1.40E-01	0.00E+00	3.55E-01	1.67E-01	1.38E-02	1.06E-01	8.07E-03
	500	92	42	9	4	83	36	2.40E-01	0.00E+00	4.90E-02	4.18E-02	3.85E-03	1.60E-02	1.27E-03
	500	92	42	9	4	84	36	4.70E-01	0.00E+00	8.62E-03	8.29E-03	8.93E-04	3.07E-03	2.57E-04
	500	92	42	9	4	75	37	1.20E-02	0.00E+00	1.93E-02	6.08E-03	9.77E-04	2.05E-03	1.79E-04
	500	92	42	9	4	77	37	7.80E-01	0.00E+00	2.03E+00	3.07E-01	3.54E-02	2.77E-01	2.20E-02
	500	92	42	9	4	78	37	1.40E+00	0.00E+00	7.80E+00	1.06E+00	1.06E-01	1.20E+00	9.16E-02
	500	92	42	9	4	79	37	3.00E+00	0.00E+00	1.69E+01	2.24E+00	2.01E-01	2.92E+00	2.17E-01
	500	92	42	9	4	88	39	5.90E-01	0.00E+00	1.67E+00	4.83E-01	5.82E-02	4.71E-01	4.15E-02
	500	92	42	9	4	89	39	1.40E-01	0.00E+00	4.89E-01	1.31E-01	1.98E-02	1.52E-01	1.40E-02
	500	92	42	9	4	79	40	4.00E-02	0.00E+00	9.77E-06	1.43E-06	2.56E-07	6.82E-07	7.65E-08
	500	92	42	9	4	80	40	1.10E-05	0.00E+00	2.30E-04	3.07E-05	4.54E-06	1.86E-05	1.98E-06
	500	92	42	9	4	81	40	3.90E-04	0.00E+00	6.21E-03	5.54E-04	6.77E-05	5.78E-04	5.86E-05
	500	92	42	9	4	82	40	5.20E-03	0.00E+00	1.04E-01	7.37E-03	7.59E-04	1.11E-02	1.08E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
500	92	42	9	4	83	40	5.20E-02	0.00E+00	9.51E-01	6.50E-02	5.98E-03	1.16E-01	1.08E-02	
500	92	42	9	4	84	40	4.80E-01	0.00E+00	4.86E+00	3.57E-01	3.14E-02	6.74E-01	6.11E-02	
500	92	42	9	4	85	40	1.90E+00	0.00E+00	1.47E+01	1.19E+00	1.04E-01	2.32E+00	2.06E-01	
500	92	42	9	4	86	40	3.80E+00	0.00E+00	2.87E+01	2.44E+00	2.17E-01	5.12E+00	4.49E-01	
500	92	42	9	4	87	40	6.90E+00	0.00E+00	3.26E+01	3.13E+00	2.93E-01	6.53E+00	5.74E-01	
500	92	42	9	4	90	40	2.50E+00	0.00E+00	6.20E+00	5.42E-01	8.48E-02	1.73E+00	1.65E-01	
500	92	42	9	4	91	40	4.40E-02	0.00E+00	1.04E+00	1.41E-01	2.81E-02	3.21E-01	3.21E-02	
500	92	42	9	4	82	41	3.90E-06	0.00E+00	7.06E-05	1.04E-05	1.55E-06	5.49E-06	6.23E-07	
500	92	42	9	4	83	41	6.20E-04	0.00E+00	1.74E-03	2.10E-04	2.71E-05	1.56E-04	1.70E-05	
500	92	42	9	4	84	41	3.10E-03	0.00E+00	3.15E-02	3.17E-03	3.69E-04	3.25E-03	3.39E-04	
500	92	42	9	4	85	41	8.60E-03	0.00E+00	3.18E-01	3.21E-02	3.55E-03	3.78E-02	3.80E-03	
500	92	42	9	4	86	41	1.40E-01	0.00E+00	1.99E+00	2.03E-01	2.21E-02	2.70E-01	2.65E-02	
500	92	42	9	4	87	41	4.00E-01	0.00E+00	7.75E+00	7.67E-01	8.45E-02	1.20E+00	1.15E-01	
500	92	42	9	4	88	41	3.30E+00	0.00E+00	1.99E+01	1.73E+00	1.95E-01	3.49E+00	3.34E-01	
500	92	42	9	4	89	41	3.30E+00	0.00E+00	4.19E+01	2.37E+00	2.84E-01	8.32E+00	7.98E-01	
500	92	42	9	4	84	42	2.80E-06	0.00E+00	3.44E-05	2.77E-06	4.65E-07	2.58E-06	3.15E-07	
500	92	42	9	4	85	42	3.30E-05	0.00E+00	7.07E-04	6.04E-05	9.45E-06	6.16E-05	7.21E-06	
500	92	42	9	4	86	42	1.50E-03	0.00E+00	1.33E-02	1.00E-03	1.50E-04	1.34E-03	1.51E-04	
500	92	42	9	4	87	42	4.00E-03	0.00E+00	1.58E-01	1.11E-02	1.62E-03	1.83E-02	2.00E-03	
500	92	42	9	4	88	42	4.10E-01	0.00E+00	1.20E+00	7.56E-02	1.09E-02	1.60E-01	1.71E-02	
500	92	42	9	4	89	42	2.60E-01	0.00E+00	7.18E+00	3.01E-01	4.32E-02	1.10E+00	1.16E-01	
500	92	42	9	4	90	42	1.50E-01	0.00E+00	3.16E+01	6.88E-01	9.95E-02	5.50E+00	5.78E-01	
500	92	42	9	4	91	42	4.90E-01	0.00E+00	8.52E+01	9.05E-01	1.38E-01	1.68E+01	1.78E+00	
500	92	42	9	4	80	37	4.90E+00	0.00E+00	1.83E+01	3.00E+00	2.47E-01	3.53E+00	2.59E-01	
500	92	42	9	4	81	37	4.40E+00	0.00E+00	1.43E+01	2.67E+00	2.06E-01	3.07E+00	2.25E-01	
500	92	42	9	4	82	37	1.50E+00	0.00E+00	5.91E+00	1.65E+00	1.24E-01	1.41E+00	1.05E-01	
500	92	42	9	4	83	37	8.70E-01	0.00E+00	2.48E+00	7.45E-01	5.80E-02	6.55E-01	4.99E-02	
500	92	42	9	4	84	37	2.40E-01	0.00E+00	5.25E-01	2.53E-01	2.18E-02	1.53E-01	1.21E-02	
500	92	42	9	4	85	37	4.40E-02	0.00E+00	1.30E-01	6.58E-02	6.61E-03	4.14E-02	3.42E-03	
500	92	42	9	4	86	37	5.70E-03	0.00E+00	1.20E-02	1.32E-02	1.61E-03	4.20E-03	3.65E-04	
500	92	42	9	4	75	38	1.20E-05	0.00E+00	2.27E-05	1.09E-05	2.19E-06	1.75E-06	1.77E-07	
500	92	42	9	4	76	38	5.10E-05	0.00E+00	6.62E-04	2.00E-04	3.41E-05	5.86E-05	5.61E-06	
500	92	42	9	4	77	38	7.80E-04	0.00E+00	1.87E-02	2.90E-03	4.12E-04	1.90E-03	1.72E-04	
500	92	42	9	4	78	38	2.00E-02	0.00E+00	2.87E-01	2.94E-02	3.46E-03	3.31E-02	2.86E-03	
500	92	42	9	4	79	38	1.90E-01	0.00E+00	2.23E+00	1.92E-01	1.90E-02	2.92E-01	2.41E-02	
500	92	42	9	4	80	38	3.50E-01	0.00E+00	9.02E+00	7.72E-01	6.70E-02	1.33E+00	1.06E-01	
500	92	42	9	4	81	38	2.10E+00	0.00E+00	1.97E+01	1.90E+00	1.51E-01	3.28E+00	2.56E-01	
500	92	42	9	4	82	38	6.10E+00	0.00E+00	2.80E+01	2.94E+00	2.22E-01	5.24E+00	4.03E-01	
500	92	42	9	4	83	38	1.20E+01	0.00E+00	1.96E+01	2.98E+00	2.20E-01	4.10E+00	3.15E-01	
500	92	42	9	4	84	38	4.00E+00	0.00E+00	1.16E+01	2.05E+00	1.56E-01	2.70E+00	2.10E-01	
500	92	42	9	4	85	38	1.20E+00	0.00E+00	3.75E+00	1.01E+00	8.45E-02	9.70E-01	7.75E-02	
500	92	42	9	4	86	38	4.90E-01	0.00E+00	1.24E+00	3.62E-01	3.55E-02	3.54E-01	2.94E-02	
500	92	42	9	4	87	38	7.20E-02	0.00E+00	1.70E-01	9.72E-02	1.16E-02	5.32E-02	4.62E-03	
500	92	42	9	4	88	38	9.20E-03	0.00E+00	2.87E-02	1.95E-02	2.90E-03	9.85E-03	9.02E-04	
500	92	42	9	4	78	39	1.70E-05	0.00E+00	2.91E-04	8.09E-05	1.27E-05	2.46E-05	2.47E-06	
500	92	42	9	4	79	39	1.90E-05	0.00E+00	8.65E-03	1.31E-03	1.68E-04	8.37E-04	7.99E-05	
500	92	42	9	4	80	39	4.00E-04	0.00E+00	1.34E-01	1.52E-02	1.60E-03	1.49E-02	1.35E-03	
500	92	42	9	4	81	39	1.30E-01	0.00E+00	1.11E+00	1.15E-01	1.03E-02	1.40E-01	1.22E-02	
500	92	42	9	4	82	39	6.80E-01	0.00E+00	5.13E+00	5.41E-01	4.41E-02	7.33E-01	6.20E-02	
500	92	42	9	4	83	39	1.80E+00	0.00E+00	1.40E+01	1.56E+00	1.21E-01	2.27E+00	1.87E-01	
500	92	42	9	4	84	39	4.50E+00	0.00E+00	2.17E+01	2.78E+00	2.14E-01	3.96E+00	3.23E-01	
500	92	42	9	4	85	39	1.00E+01	0.00E+00	2.38E+01	3.19E+00	2.51E-01	4.86E+00	3.97E-01	
500	92	42	9	4	87	39	2.50E+00	0.00E+00	6.90E+00	1.29E+00	1.27E-01	1.75E+00	1.49E-01	
[15]	345	48	20	9	4	19	5	3.44E-06	0.00E+00	8.44E-08	2.88E-06	8.38E-07	4.18E-06	1.05E-06
	345	48	20	9	4	19	6	9.05E-04	0.00E+00	3.32E-05	1.17E-03	2.52E-04	8.16E-04	1.83E-04
	345	48	20	9	4	20	6	1.83E-04	0.00E+00	7.68E-06	6.70E-05	1.45E-05	1.83E-04	3.96E-05
	345	48	20	9	4	22	6	2.19E-07	0.00E+00	1.59E-08	2.46E-07	5.82E-08	3.51E-07	7.24E-08
	345	48	20	9	4	22	7	1.88E-04	0.00E+00	6.07E-06	9.16E-05	1.49E-05	7.35E-05	1.35E-05
	345	48	20	9	4	22	8	2.42E-02	0.00E+00	4.48E-03	2.23E-02	2.96E-03	3.00E-02	5.04E-03
	345	48	20	9	4	24	8	1.18E-04	0.00E+00	8.39E-05	1.44E-04	1.78E-05	5.68E-04	9.01E-05
	345	48	20	9	4	21	10	7.04E+01	0.00E+00	6.16E+00	6.22E+01	1.34E+01	1.21E+01	2.13E+00
	345	48	20	9	4	23	10	5.79E+00	0.00E+00	1.65E+00	1.09E+01	1.83E+00	3.66E+00	5.72E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	345	48	20	9	4	29	10	1.25E-04	0.00E+00	3.27E-05	5.81E-05	5.38E-06	9.04E-05	1.20E-05
	345	48	20	9	4	31	10	2.45E-07	0.00E+00	1.43E-07	7.93E-07	8.55E-08	4.02E-07	5.54E-08
	345	48	20	9	4	25	12	7.14E+00	0.00E+00	7.16E+00	2.22E+01	5.30E+00	6.37E+00	1.04E+00
	345	48	20	9	4	27	12	5.84E+00	0.00E+00	4.63E+00	8.93E+00	1.68E+00	4.87E+00	7.09E-01
	345	48	20	9	4	29	12	5.17E-01	0.00E+00	5.27E-01	5.77E-01	8.77E-02	6.38E-01	8.60E-02
	345	48	20	9	4	32	12	9.49E-03	0.00E+00	8.49E-03	2.73E-03	3.11E-04	1.20E-02	1.59E-03
	345	48	20	9	4	33	12	1.44E-03	0.00E+00	5.35E-04	4.32E-04	4.72E-05	7.87E-04	1.05E-04
	345	48	20	9	4	34	12	1.25E-04	0.00E+00	1.53E-04	6.87E-05	7.48E-06	2.32E-04	3.18E-05
	345	48	20	9	4	35	12	5.12E-06	0.00E+00	5.26E-06	1.09E-05	1.21E-06	8.08E-06	1.14E-06
	345	48	20	9	4	36	12	1.76E-06	0.00E+00	1.27E-06	1.67E-06	1.95E-07	1.96E-06	2.87E-07
	345	48	20	9	4	37	12	6.86E-08	0.00E+00	2.63E-08	2.41E-07	3.15E-08	4.02E-08	6.12E-09
	345	48	20	9	4	38	12	2.93E-08	0.00E+00	4.96E-09	3.17E-08	5.20E-09	7.44E-09	1.17E-09
	345	48	20	9	4	34	13	2.12E-02	0.00E+00	1.51E-02	7.17E-03	9.60E-04	1.69E-02	2.32E-03
	345	48	20	9	4	41	13	1.09E-08	0.00E+00	3.25E-09	2.26E-08	5.40E-09	3.70E-09	6.29E-10
	345	48	20	9	4	39	14	1.70E-04	0.00E+00	2.16E-04	1.97E-04	2.96E-05	2.20E-04	3.42E-05
	345	48	20	9	4	40	14	1.23E-04	0.00E+00	5.78E-05	3.85E-05	5.84E-06	5.92E-05	9.48E-06
	345	48	20	9	4	41	14	5.60E-06	0.00E+00	3.22E-06	6.83E-06	1.12E-06	3.25E-06	5.37E-07
	345	48	20	9	4	42	14	3.26E-07	0.00E+00	5.68E-07	1.05E-06	2.09E-07	5.53E-07	9.46E-08
	345	48	20	9	4	40	16	1.46E-01	0.00E+00	9.55E-01	1.93E-01	4.15E-02	6.83E-01	1.11E-01
	345	48	20	9	4	42	16	4.13E-02	0.00E+00	8.49E-02	1.59E-02	3.27E-03	6.53E-02	1.10E-02
	345	48	20	9	4	44	16	1.91E-03	0.00E+00	2.68E-03	9.28E-04	1.95E-04	2.05E-03	3.63E-04
	345	48	20	9	4	24	10	9.90E-01	1.29E-03	7.27E-01	2.15E+00	3.21E-01	1.70E+00	2.51E-01
	345	48	20	9	4	25	10	1.37E-01	3.30E-04	1.00E-01	3.17E-01	4.19E-02	2.45E-01	3.46E-02
	345	48	20	9	4	26	10	3.22E-02	9.35E-05	3.22E-02	3.94E-02	4.60E-03	8.19E-02	1.12E-02
	345	48	20	9	4	27	10	1.38E-03	8.28E-06	2.56E-03	4.53E-03	4.68E-04	6.73E-03	9.00E-04
	345	48	20	9	4	28	10	6.81E-04	3.33E-06	7.19E-04	5.10E-04	4.82E-05	1.95E-03	2.58E-04
	345	48	20	9	4	30	10	8.20E-06	3.61E-08	7.43E-06	6.76E-06	6.60E-07	2.08E-05	2.80E-06
	345	48	20	9	4	32	10	9.51E-08	6.66E-10	3.59E-08	9.21E-08	1.12E-08	1.01E-07	1.43E-08
	345	48	20	9	4	34	10	2.24E-10	2.02E-11	4.28E-11	1.06E-09	1.91E-10	1.15E-10	1.76E-11
	345	48	20	9	4	35	11	3.40E-08	5.00E-10	2.26E-08	4.81E-08	6.27E-09	4.54E-08	6.72E-09
	345	48	20	9	4	37	11	3.96E-10	2.30E-11	1.43E-11	5.89E-10	1.35E-10	2.70E-11	4.32E-12
	345	48	20	9	4	23	9	3.45E-01	4.84E-04	7.60E-02	2.72E-01	3.57E-02	2.93E-01	4.52E-02
	345	48	20	9	4	24	9	3.32E-02	9.29E-05	7.51E-03	2.80E-02	3.29E-03	2.98E-02	4.42E-03
	345	48	20	9	4	25	9	4.23E-03	1.99E-05	2.05E-03	2.69E-03	2.88E-04	8.31E-03	1.20E-03
	345	48	20	9	4	26	9	4.16E-04	2.58E-06	9.10E-05	2.56E-04	2.60E-05	3.75E-04	5.32E-05
	345	48	20	9	4	27	9	3.57E-05	2.86E-07	2.29E-05	2.47E-05	2.57E-06	9.55E-05	1.35E-05
	345	48	20	9	4	29	9	5.27E-07	5.32E-09	1.69E-07	2.47E-07	3.13E-08	7.04E-07	1.01E-07
	345	48	20	9	4	31	9	2.59E-09	8.40E-11	1.56E-10	2.39E-09	3.98E-10	6.30E-10	9.52E-11
[16]	345	78	36	9	4	39	22	6.80E-10	7.30E-10	2.38E-07	4.74E-09	1.21E-09	1.82E-08	4.99E-09
	345	78	36	9	4	40	22	2.60E-08	1.50E-08	3.74E-06	2.77E-07	7.05E-08	3.75E-07	9.91E-08
	345	78	36	9	4	43	24	2.40E-09	1.40E-09	7.71E-08	2.46E-09	4.92E-10	5.00E-09	1.18E-09
	345	78	36	9	4	44	24	2.30E-07	1.30E-07	1.27E-06	1.40E-07	2.88E-08	1.08E-07	2.46E-08
	345	78	36	9	4	46	25	3.30E-07	2.20E-07	4.64E-07	9.80E-08	1.88E-08	3.64E-08	7.67E-09
	345	78	36	9	4	47	26	7.20E-09	3.90E-09	2.88E-08	1.24E-09	2.28E-10	1.60E-09	3.24E-10
	345	78	36	9	4	48	26	4.00E-07	3.60E-07	5.45E-07	6.68E-08	1.24E-08	3.96E-08	7.76E-09
	345	78	36	9	4	51	28	1.90E-09	1.20E-09	1.18E-08	5.63E-10	1.13E-10	5.67E-10	1.00E-10
	345	78	36	9	4	59	32	4.80E-11	1.00E-11	2.07E-09	7.17E-11	1.74E-11	7.65E-11	1.30E-11
	345	78	36	9	4	60	32	1.30E-09	7.00E-10	4.34E-08	2.90E-09	5.95E-10	2.14E-09	3.63E-10
	345	78	36	9	4	63	34	1.30E-11	3.00E-12	5.46E-10	2.01E-11	4.84E-12	1.82E-11	3.54E-12
	345	78	36	9	4	64	34	3.80E-10	2.40E-10	2.34E-08	7.41E-10	1.72E-10	1.04E-09	2.04E-10
	345	78	36	9	4	67	36	3.00E-12	8.00E-13	2.35E-10	4.08E-12	1.23E-12	7.24E-12	1.69E-12
	345	78	36	9	4	68	36	3.30E-11	2.10E-11	6.02E-09	1.36E-10	4.81E-11	2.52E-10	5.91E-11
[17]	345	124	54	9	4	81	42	2.00E-11	5.00E-11	1.40E-10	4.44E-11	1.26E-11	6.56E-11	2.28E-11
	345	124	54	9	4	82	42	6.30E-10	1.30E-10	3.82E-09	1.02E-09	2.98E-10	2.51E-09	8.31E-10
	345	124	54	9	4	85	44	2.00E-11	4.00E-11	3.45E-11	1.63E-11	4.29E-12	7.89E-12	2.25E-12
	345	124	54	9	4	86	44	1.00E-10	7.00E-11	9.59E-10	3.18E-10	6.46E-11	3.08E-10	8.14E-11
	345	124	54	9	4	92	47	3.00E-11	2.00E-11	1.11E-10	4.40E-11	9.35E-12	1.22E-11	2.59E-12
	345	124	54	9	4	93	47	3.30E-09	2.00E-10	2.51E-09	9.74E-10	1.41E-10	3.86E-10	7.23E-11
	345	124	54	9	4	94	48	2.00E-11	3.00E-11	5.32E-11	2.01E-11	4.95E-12	4.15E-12	8.80E-13
	345	124	54	9	4	95	48	1.00E-09	1.00E-10	2.02E-09	4.14E-10	6.50E-11	2.19E-10	4.09E-11
	345	124	54	9	4	97	49	1.30E-10	2.00E-11	6.01E-10	1.59E-10	2.91E-11	4.61E-11	9.08E-12
	345	124	54	9	4	98	49	1.37E-08	3.00E-10	1.99E-08	4.33E-09	5.88E-10	2.10E-09	3.72E-10

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	345	124	54	9	4	99	50	4.20E-11	8.00E-12	4.90E-10	5.44E-11	1.16E-11	2.67E-11	5.80E-12
	345	124	54	9	4	100	50	7.50E-10	5.00E-11	1.39E-08	1.42E-09	2.25E-10	1.04E-09	2.08E-10
	345	124	54	9	4	105	52	1.20E-09	0.00E+00	5.11E-08	3.10E-09	6.45E-10	2.68E-09	7.04E-10
	345	124	54	9	4	106	52	1.30E-07	0.00E+00	1.27E-06	1.20E-07	2.44E-08	8.99E-08	2.38E-08
	345	124	54	9	4	104	51	3.50E-07	0.00E+00	3.67E-06	4.88E-07	7.77E-08	3.60E-07	8.06E-08
	345	124	54	9	4	101	50	4.00E-08	0.00E+00	4.54E-07	4.69E-08	6.37E-09	4.62E-08	8.76E-09
	345	124	54	9	4	102	50	2.20E-06	0.00E+00	1.62E-05	1.68E-06	2.16E-07	2.21E-06	4.20E-07
	345	124	54	9	4	103	50	7.70E-05	0.00E+00	4.80E-04	5.49E-05	7.39E-06	8.69E-05	1.75E-05
	345	124	54	9	4	104	50	1.20E-03	0.00E+00	8.32E-03	1.42E-03	2.17E-04	1.97E-03	4.40E-04
	345	124	54	9	4	105	50	1.70E-02	0.00E+00	8.69E-02	2.56E-02	4.71E-03	2.67E-02	6.72E-03
	345	124	54	9	4	106	50	1.10E-01	0.00E+00	5.59E-01	3.03E-01	6.78E-02	2.20E-01	6.30E-02
	345	124	54	9	4	99	49	2.20E-07	0.00E+00	5.53E-07	1.44E-07	1.71E-08	7.90E-08	1.31E-08
	345	124	54	9	4	100	49	8.60E-06	0.00E+00	2.48E-05	5.00E-06	5.62E-07	4.75E-06	7.87E-07
	345	124	54	9	4	101	49	2.30E-04	0.00E+00	7.48E-04	1.54E-04	1.80E-05	1.89E-04	3.35E-05
	345	124	54	9	4	102	49	4.20E-03	0.00E+00	1.26E-02	3.63E-03	4.96E-04	4.16E-03	8.24E-04
	345	124	54	9	4	98	48	1.80E-05	0.00E+00	7.16E-05	1.32E-05	1.51E-06	1.93E-05	2.95E-06
	345	124	54	9	4	99	48	6.70E-04	0.00E+00	2.02E-03	3.82E-04	4.46E-05	7.17E-04	1.17E-04
	345	124	54	9	4	100	48	7.10E-03	0.00E+00	3.23E-02	8.30E-03	1.11E-03	1.50E-02	2.77E-03
	345	124	54	9	4	96	47	6.50E-05	0.00E+00	1.00E-04	3.15E-05	4.23E-06	3.82E-05	5.89E-06
	345	124	54	9	4	97	47	1.20E-03	0.00E+00	2.57E-03	8.58E-04	1.15E-04	1.29E-03	2.11E-04
	345	124	54	9	4	98	47	1.80E-02	0.00E+00	3.77E-02	1.71E-02	2.52E-03	2.46E-02	4.49E-03
	345	124	54	9	4	94	46	4.10E-05	0.00E+00	2.55E-04	6.89E-05	1.16E-05	1.38E-04	2.31E-05
	345	124	54	9	4	95	46	2.80E-03	0.00E+00	5.85E-03	1.76E-03	2.93E-04	4.16E-03	7.28E-04
	345	124	54	9	4	96	46	3.70E-02	0.00E+00	7.67E-02	3.25E-02	5.66E-03	7.09E-02	1.36E-02
	345	124	54	9	4	94	45	5.20E-02	0.00E+00	8.95E-02	5.70E-02	1.21E-02	1.17E-01	2.46E-02
	345	124	54	9	4	95	45	5.60E-01	0.00E+00	6.33E-01	6.29E-01	1.46E-01	1.06E+00	2.44E-01
	345	124	54	9	4	92	44	3.60E-02	0.00E+00	1.76E-01	9.40E-02	2.44E-02	3.26E-01	7.70E-02
[18]	213	40	18	12	6	18	10	9.00E-02	6.00E-02	2.55E-01	3.11E-01	5.58E-02	3.11E-01	4.32E-02
	213	40	18	12	6	19	10	1.50E+00	7.00E-01	3.09E+00	3.69E+00	4.31E-01	4.66E+00	5.94E-01
	213	40	18	12	6	20	10	5.40E+00	2.20E+00	1.08E+01	1.57E+01	1.46E+00	1.98E+01	2.36E+00
	213	40	18	12	6	21	10	2.40E+01	7.20E+00	1.14E+01	2.59E+01	2.29E+00	2.47E+01	2.80E+00
	213	40	18	12	6	22	10	3.39E+01	8.50E+00	9.53E+00	1.89E+01	1.69E+00	2.39E+01	2.65E+00
	213	40	18	12	6	23	10	2.17E+01	6.50E+00	2.19E+00	7.18E+00	6.62E-01	6.23E+00	6.88E-01
	213	40	18	12	6	24	10	4.90E+00	2.00E+00	8.12E-01	1.65E+00	1.63E-01	2.57E+00	2.89E-01
	213	40	18	12	6	25	10	5.20E-01	2.90E-01	8.96E-02	2.63E-01	2.90E-02	3.08E-01	3.57E-02
	213	40	18	12	6	20	11	7.60E-01	4.20E-01	1.18E-01	1.78E-01	3.02E-02	1.10E-01	1.42E-02
	213	40	18	12	6	21	11	2.20E+00	1.00E+00	1.24E+00	2.46E+00	2.58E-01	1.42E+00	1.69E-01
	213	40	18	12	6	22	11	1.03E+01	4.00E+00	6.59E+00	1.24E+01	9.94E-01	9.12E+00	1.02E+00
	213	40	18	12	6	23	11	2.03E+01	6.00E+00	1.80E+01	2.43E+01	1.89E+00	2.94E+01	3.17E+00
	213	40	18	12	6	24	11	3.89E+01	9.70E+00	9.21E+00	2.11E+01	1.66E+00	1.74E+01	1.85E+00
	213	40	18	12	6	25	11	1.48E+01	5.90E+00	5.31E+00	9.36E+00	7.62E-01	1.14E+01	1.22E+00
	213	40	18	12	6	26	11	2.30E+00	1.00E+00	9.96E-01	2.49E+00	2.18E-01	2.37E+00	2.59E-01
	213	40	18	12	6	27	11	2.70E-01	1.50E-01	3.40E-01	4.52E-01	4.46E-02	8.78E-01	9.95E-02
	213	40	18	12	6	22	12	2.00E-01	1.20E-01	2.04E-01	1.11E-01	1.84E-02	1.54E-01	1.91E-02
	213	40	18	12	6	23	12	3.80E+00	1.70E+00	2.57E+00	1.78E+00	1.77E-01	2.38E+00	2.75E-01
	213	40	18	12	6	24	12	2.30E+01	8.00E+00	1.09E+01	1.05E+01	8.05E-01	1.21E+01	1.33E+00
	213	40	18	12	6	25	12	3.60E+01	9.00E+00	1.61E+01	2.43E+01	1.84E+00	2.12E+01	2.25E+00
	213	40	18	12	6	26	12	3.30E+01	8.30E+00	1.82E+01	2.46E+01	1.89E+00	2.77E+01	2.90E+00
	213	40	18	12	6	27	12	1.15E+01	4.00E+00	5.94E+00	1.27E+01	9.82E-01	1.02E+01	1.08E+00
	213	40	18	12	6	28	12	4.00E+00	1.40E+00	2.82E+00	3.87E+00	3.15E-01	5.37E+00	5.85E-01
	213	40	18	12	6	29	12	6.70E-01	3.40E-01	3.97E-01	7.93E-01	7.19E-02	8.20E-01	9.31E-02
	213	40	18	12	6	30	12	1.10E-01	7.00E-02	1.02E-01	1.21E-01	1.27E-02	2.24E-01	2.68E-02
	213	40	18	12	6	24	13	3.40E-02	2.00E-02	8.74E-02	7.52E-02	1.25E-02	5.63E-02	6.94E-03
	213	40	18	12	6	25	13	2.30E-01	1.20E-01	1.04E+00	1.38E+00	1.44E-01	8.22E-01	9.46E-02
	213	40	18	12	6	26	13	1.70E+00	8.00E-01	6.11E+00	9.45E+00	8.05E-01	5.80E+00	6.35E-01
	213	40	18	12	6	27	13	1.58E+01	5.50E+00	1.98E+01	2.54E+01	2.18E+00	2.22E+01	2.36E+00
	213	40	18	12	6	28	13	4.26E+01	1.07E+01	1.77E+01	3.00E+01	2.57E+00	2.29E+01	2.42E+00
	213	40	18	12	6	29	13	1.53E+01	9.00E+00	1.39E+01	1.78E+01	1.50E+00	2.01E+01	2.17E+00
	213	40	18	12	6	30	13	4.10E+00	1.90E+00	3.36E+00	6.13E+00	5.22E-01	5.40E+00	6.01E-01
	213	40	18	12	6	31	13	1.20E+00	5.00E-01	1.46E+00	1.39E+00	1.28E-01	2.54E+00	2.97E-01
	213	40	18	12	6	32	13	8.00E-02	4.00E-02	1.25E-01	2.30E-01	2.41E-02	2.30E-01	2.84E-02
	213	40	18	12	6	26	14	2.50E-01	1.30E-01	1.23E-01	5.43E-02	9.64E-03	7.09E-02	8.87E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	213	40	18	12	6	27	14	2.50E+00	1.10E+00	1.67E+00	1.13E+00	1.36E-01	1.18E+00	1.39E-01
	213	40	18	12	6	28	14	2.24E+01	6.70E+00	8.97E+00	8.90E+00	9.39E-01	7.61E+00	8.56E-01
	213	40	18	12	6	29	14	4.25E+01	1.06E+01	1.93E+01	2.76E+01	2.95E+00	1.93E+01	2.12E+00
	213	40	18	12	6	30	14	4.95E+01	1.24E+01	3.11E+01	3.75E+01	3.99E+00	3.57E+01	3.94E+00
	213	40	18	12	6	31	14	1.68E+01	5.90E+00	1.43E+01	2.53E+01	2.62E+00	1.85E+01	2.09E+00
	213	40	18	12	6	32	14	8.20E+00	3.20E+00	9.21E+00	9.70E+00	9.97E-01	1.32E+01	1.54E+00
	213	40	18	12	6	33	14	1.30E+00	6.00E-01	1.64E+00	2.40E+00	2.57E-01	2.52E+00	3.11E-01
	213	40	18	12	6	34	14	3.20E-01	1.60E-01	7.51E-01	4.21E-01	4.98E-02	1.21E+00	1.59E-01
	213	40	18	12	6	29	15	1.04E+01	3.50E+00	7.22E-01	9.63E-01	1.41E-01	4.79E-01	5.90E-02
	213	40	18	12	6	30	15	2.70E+01	8.10E+00	5.18E+00	8.62E+00	1.16E+00	4.12E+00	4.91E-01
	213	40	18	12	6	31	15	4.15E+01	1.04E+01	1.95E+01	3.05E+01	4.16E+00	1.82E+01	2.15E+00
	213	40	18	12	6	32	15	3.30E+01	9.00E+00	2.66E+01	4.69E+01	6.41E+00	2.86E+01	3.40E+00
	213	40	18	12	6	33	15	8.70E+00	3.50E+00	3.10E+01	3.53E+01	4.74E+00	3.75E+01	4.59E+00
	213	40	18	12	6	34	15	1.50E+00	7.00E-01	1.04E+01	1.48E+01	1.97E+00	1.38E+01	1.76E+00
	213	40	18	12	6	31	16	9.80E-01	6.00E-01	1.01E+00	8.20E-01	1.45E-01	6.57E-01	8.78E-02
	213	40	18	12	6	32	16	9.00E+00	4.50E+00	6.39E+00	8.21E+00	1.39E+00	4.97E+00	6.50E-01
	213	40	18	12	6	33	16	2.75E+01	1.10E+01	1.88E+00	3.25E+01	5.62E+00	1.72E+01	2.24E+00
	213	40	18	12	6	34	16	5.80E+01	1.74E+01	4.06E+01	5.52E+01	9.64E+00	4.27E+01	5.66E+00
	213	40	18	12	6	35	16	2.73E+01	1.10E+01	2.90E+01	4.49E+01	7.80E+00	3.44E+01	4.72E+00
	213	40	18	12	6	36	16	1.93E+01	8.70E+00	2.92E+01	1.97E+01	3.42E+00	3.80E+01	5.47E+00
	213	40	18	12	6	37	16	9.80E+00	5.00E+00	8.94E+00	5.19E+00	9.25E-01	1.23E+01	1.89E+00
	213	40	18	12	6	38	16	2.10E+00	1.20E+00	3.92E+00	8.91E-01	1.70E-01	5.56E+00	9.16E-01
	213	40	18	12	6	13	8	3.70E-01	1.90E-01	1.47E-02	5.37E-02	1.61E-02	3.14E-02	6.70E-03
	213	40	18	12	6	14	8	1.40E+00	6.00E-01	5.11E-01	1.32E+00	2.76E-01	1.36E+00	2.60E-01
	213	40	18	12	6	15	8	1.06E+01	3.70E+00	4.21E+00	1.11E+01	1.75E+00	1.38E+01	2.37E+00
	213	40	18	12	6	16	8	3.62E+01	9.00E+00	1.07E+01	3.29E+01	4.44E+00	4.22E+01	6.60E+00
	213	40	18	12	6	17	8	2.00E+01	7.00E+00	6.76E+00	3.75E+01	4.75E+00	3.16E+01	4.58E+00
	213	40	18	12	6	18	8	1.19E+01	4.50E+00	4.18E+00	1.91E+01	2.34E+00	2.26E+01	3.11E+00
	213	40	18	12	6	19	8	1.90E+00	8.60E-01	7.15E-01	5.10E+00	6.26E-01	4.40E+00	5.86E-01
	213	40	18	12	6	20	8	4.40E-01	2.50E-01	2.36E-01	8.49E-01	1.07E-01	1.61E+00	2.13E-01
	213	40	18	12	6	17	9	2.40E+00	1.20E+00	1.34E+00	6.06E+00	8.15E-01	2.85E+00	4.09E-01
	213	40	18	12	6	18	9	1.14E+01	4.60E+00	6.05E+00	2.16E+01	2.40E+00	1.56E+01	2.07E+00
	213	40	18	12	6	19	9	2.39E+01	6.00E+00	1.30E+01	2.98E+01	3.13E+00	3.99E+01	4.97E+00
	213	40	18	12	6	20	9	1.78E+01	6.20E+00	4.21E+00	1.82E+01	1.90E+00	1.49E+01	1.80E+00
	213	40	18	12	6	21	9	7.80E+00	3.10E+00	2.01E+00	5.84E+00	6.19E-01	8.10E+00	9.60E-01
	213	40	18	12	6	22	9	1.34E+00	6.00E-01	2.76E-01	1.15E+00	1.28E-01	1.24E+00	1.48E-01
	213	40	18	12	6	23	9	3.80E-01	2.00E-01	6.55E-02	1.59E-01	1.94E-02	3.20E-01	3.90E-02
[19]	168	136	54	12	6	89	40	3.57E+00	3.10E-01	4.29E+00	3.33E+00	6.86E-01	3.83E+00	7.35E-01
	168	136	54	12	6	90	40	3.75E+00	2.60E-01	4.79E+00	3.34E+00	5.70E-01	3.95E+00	7.10E-01
	168	136	54	12	6	91	40	3.03E+00	2.20E-01	2.83E+00	2.71E+00	4.21E-01	2.17E+00	3.73E-01
	168	136	54	12	6	92	40	1.50E+00	1.50E-01	2.27E+00	1.85E+00	2.89E-01	1.63E+00	2.75E-01
	168	136	54	12	6	93	40	5.10E-01	9.00E-02	1.07E+00	1.11E+00	1.84E-01	7.26E-01	1.23E-01
	168	136	54	12	6	94	40	2.70E-01	7.00E-02	7.39E-01	6.04E-01	1.07E-01	4.75E-01	8.35E-02
	168	136	54	12	6	91	41	3.18E+00	3.20E-01	5.09E+00	3.07E+00	5.37E-01	4.21E+00	7.37E-01
	168	136	54	12	6	92	41	3.27E+00	2.50E-01	4.39E+00	3.32E+00	4.70E-01	3.35E+00	5.42E-01
	168	136	54	12	6	93	41	3.12E+00	2.30E-01	4.43E+00	2.87E+00	3.67E-01	3.14E+00	4.81E-01
	168	136	54	12	6	94	41	2.32E+00	1.90E-01	2.46E+00	2.09E+00	2.68E-01	1.63E+00	2.43E-01
	168	136	54	12	6	95	41	1.27E+00	1.50E-01	1.99E+00	1.32E+00	1.80E-01	1.25E+00	1.87E-01
	168	136	54	12	6	96	41	5.40E-01	1.10E-01	8.94E-01	7.55E-01	1.11E-01	5.34E-01	8.28E-02
	168	136	54	12	6	93	42	2.45E+00	3.30E-01	4.10E+00	2.84E+00	4.42E-01	3.22E+00	5.18E-01
	168	136	54	12	6	94	42	3.58E+00	2.90E-01	5.97E+00	3.33E+00	4.08E-01	4.32E+00	6.36E-01
	168	136	54	12	6	95	42	3.80E+00	2.60E-01	4.24E+00	3.10E+00	3.32E-01	2.86E+00	3.93E-01
	168	136	54	12	6	96	42	3.09E+00	2.40E-01	4.19E+00	2.40E+00	2.53E-01	2.65E+00	3.50E-01
	168	136	54	12	6	97	42	1.91E+00	1.70E-01	2.13E+00	1.61E+00	1.79E-01	1.27E+00	1.68E-01
	168	136	54	12	6	98	42	9.40E-01	1.20E-01	1.75E+00	9.69E-01	1.16E-01	9.94E-01	1.36E-01
	168	136	54	12	6	99	42	5.30E-01	9.00E-02	7.35E-01	5.34E-01	6.88E-02	4.03E-01	5.88E-02
	168	136	54	12	6	96	43	3.55E+00	2.90E-01	4.76E+00	3.38E+00	3.77E-01	3.35E+00	4.55E-01
	168	136	54	12	6	97	43	4.85E+00	2.90E-01	6.39E+00	3.38E+00	3.18E-01	4.18E+00	5.23E-01
	168	136	54	12	6	98	43	3.74E+00	2.50E-01	4.02E+00	2.81E+00	2.50E-01	2.47E+00	2.93E-01
	168	136	54	12	6	99	43	2.76E+00	2.10E-01	3.89E+00	2.01E+00	1.83E-01	2.26E+00	2.66E-01
	168	136	54	12	6	100	43	1.49E+00	1.60E-01	1.89E+00	1.28E+00	1.24E-01	1.05E+00	1.28E-01
	168	136	54	12	6	101	43	8.40E-01	1.10E-01	1.57E+00	7.44E-01	7.81E-02	8.42E-01	1.09E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
168	136	54	12	6	102	43	4.20E-01	8.00E-02	6.37E-01	4.05E-01	4.60E-02	3.33E-01	4.71E-02	
168	136	54	12	6	97	44	2.34E+00	4.40E-01	3.23E+00	2.50E+00	3.51E-01	2.45E+00	3.52E-01	
168	136	54	12	6	98	44	3.32E+00	3.10E-01	5.88E+00	3.46E+00	3.74E-01	4.11E+00	5.28E-01	
168	136	54	12	6	99	44	4.77E+00	3.10E-01	5.30E+00	3.75E+00	3.31E-01	3.46E+00	4.03E-01	
168	136	54	12	6	100	44	4.43E+00	2.90E-01	6.42E+00	3.34E+00	2.65E-01	3.93E+00	4.29E-01	
168	136	54	12	6	101	44	3.94E+00	2.50E-01	3.83E+00	2.55E+00	1.99E-01	2.23E+00	2.37E-01	
168	136	54	12	6	102	44	2.18E+00	1.90E-01	3.56E+00	1.73E+00	1.41E-01	1.98E+00	2.16E-01	
168	136	54	12	6	103	44	1.33E+00	1.40E-01	1.67E+00	1.07E+00	9.37E-02	9.00E-01	1.04E-01	
168	136	54	12	6	104	44	5.80E-01	9.00E-02	1.38E+00	6.14E-01	5.90E-02	7.28E-01	9.22E-02	
168	136	54	12	6	105	44	3.00E-01	7.00E-02	5.52E-01	3.34E-01	3.56E-02	2.87E-01	4.02E-02	
168	136	54	12	6	106	44	1.70E-01	6.00E-02	4.03E-01	1.73E-01	2.07E-02	2.09E-01	3.26E-02	
168	136	54	12	6	99	45	1.72E+00	5.00E-01	2.96E+00	2.35E+00	3.33E-01	2.29E+00	3.20E-01	
168	136	54	12	6	100	45	2.64E+00	3.10E-01	4.16E+00	3.57E+00	3.91E-01	2.97E+00	3.69E-01	
168	136	54	12	6	101	45	5.09E+00	3.30E-01	7.01E+00	4.20E+00	3.73E-01	4.68E+00	5.21E-01	
168	136	54	12	6	102	45	6.28E+00	3.30E-01	5.71E+00	4.03E+00	3.11E-01	3.58E+00	3.68E-01	
168	136	54	12	6	103	45	5.16E+00	3.00E-01	6.35E+00	3.30E+00	2.41E-01	3.79E+00	3.74E-01	
168	136	54	12	6	104	45	2.86E+00	2.20E-01	3.60E+00	2.39E+00	1.76E-01	2.07E+00	2.06E-01	
168	136	54	12	6	105	45	1.80E+00	1.70E-01	3.33E+00	1.57E+00	1.23E-01	1.85E+00	1.95E-01	
168	136	54	12	6	106	45	1.04E+00	1.30E-01	1.54E+00	9.58E-01	8.20E-02	8.38E-01	9.56E-02	
168	136	54	12	6	107	45	4.20E-01	1.10E-01	1.26E+00	5.52E-01	5.27E-02	6.82E-01	8.60E-02	
168	136	54	12	6	108	45	2.50E-01	8.00E-02	4.99E-01	3.04E-01	3.27E-02	2.71E-01	3.80E-02	
168	136	54	12	6	102	46	2.67E+00	3.70E-01	4.53E+00	3.67E+00	4.20E-01	3.40E+00	4.19E-01	
168	136	54	12	6	103	46	4.43E+00	3.40E-01	5.23E+00	4.71E+00	4.40E-01	3.67E+00	4.03E-01	
168	136	54	12	6	104	46	6.66E+00	3.60E-01	7.86E+00	4.90E+00	3.95E-01	5.20E+00	5.20E-01	
168	136	54	12	6	105	46	6.69E+00	3.60E-01	5.75E+00	4.32E+00	3.21E-01	3.63E+00	3.43E-01	
168	136	54	12	6	106	46	4.27E+00	2.80E-01	6.30E+00	3.34E+00	2.44E-01	3.83E+00	3.58E-01	
168	136	54	12	6	107	46	2.84E+00	2.20E-01	3.40E+00	2.34E+00	1.77E-01	2.01E+00	1.95E-01	
168	136	54	12	6	108	46	1.76E+00	1.70E-01	3.09E+00	1.53E+00	1.23E-01	1.80E+00	1.87E-01	
168	136	54	12	6	109	46	1.09E+00	1.60E-01	1.42E+00	9.36E-01	8.29E-02	8.23E-01	9.40E-02	
168	136	54	12	6	110	46	5.90E-01	1.20E-01	1.16E+00	5.48E-01	5.43E-02	6.75E-01	8.56E-02	
168	136	54	12	6	104	47	1.14E+00	3.40E-01	2.82E+00	3.73E+00	4.47E-01	2.29E+00	2.85E-01	
168	136	54	12	6	105	47	4.60E+00	3.60E-01	5.89E+00	5.23E+00	5.22E-01	4.47E+00	4.97E-01	
168	136	54	12	6	106	47	6.08E+00	4.00E-01	6.10E+00	5.91E+00	5.13E-01	4.38E+00	4.40E-01	
168	136	54	12	6	107	47	8.27E+00	4.10E-01	8.68E+00	5.62E+00	4.46E-01	5.95E+00	5.56E-01	
168	136	54	12	6	108	47	5.88E+00	3.60E-01	5.82E+00	4.68E+00	3.56E-01	3.86E+00	3.49E-01	
168	136	54	12	6	109	47	3.75E+00	2.90E-01	6.09E+00	3.52E+00	2.67E-01	3.95E+00	3.61E-01	
168	136	54	12	6	110	47	3.10E+00	2.40E-01	3.31E+00	2.45E+00	1.92E-01	2.12E+00	2.05E-01	
168	136	54	12	6	111	47	2.11E+00	2.00E-01	2.99E+00	1.61E+00	1.35E-01	1.92E+00	2.01E-01	
168	136	54	12	6	112	47	9.60E-01	1.50E-01	1.41E+00	1.00E+00	9.25E-02	9.19E-01	1.06E-01	
168	136	54	12	6	113	47	6.00E-01	1.20E-01	1.20E+00	6.03E-01	6.25E-02	7.95E-01	1.02E-01	
168	136	54	12	6	114	47	2.10E-01	8.00E-02	5.00E-01	3.50E-01	4.14E-02	3.45E-01	4.92E-02	
168	136	54	12	6	107	48	3.81E+00	4.00E-01	4.11E+00	5.65E+00	5.96E-01	3.48E+00	3.99E-01	
168	136	54	12	6	108	48	6.73E+00	4.30E-01	7.55E+00	6.96E+00	6.44E-01	6.06E+00	6.27E-01	
168	136	54	12	6	109	48	8.87E+00	4.50E-01	6.96E+00	7.18E+00	6.06E-01	5.35E+00	5.09E-01	
168	136	54	12	6	110	48	7.55E+00	4.30E-01	9.08E+00	6.45E+00	5.13E-01	6.78E+00	6.11E-01	
168	136	54	12	6	111	48	6.38E+00	3.60E-01	5.98E+00	5.22E+00	4.02E-01	4.39E+00	3.90E-01	
168	136	54	12	6	112	48	3.92E+00	3.20E-01	6.11E+00	3.90E+00	3.00E-01	4.45E+00	4.08E-01	
168	136	54	12	6	113	48	3.47E+00	2.70E-01	3.39E+00	2.75E+00	2.18E-01	2.48E+00	2.42E-01	
168	136	54	12	6	114	48	1.83E+00	1.50E-01	3.19E+00	1.84E+00	1.57E-01	2.38E+00	2.52E-01	
168	136	54	12	6	115	48	1.35E+00	1.70E-01	1.56E+00	1.19E+00	1.13E-01	1.20E+00	1.40E-01	
168	136	54	12	6	116	48	5.80E-01	1.20E-01	1.40E+00	7.43E-01	8.07E-02	1.12E+00	1.45E-01	
168	136	54	12	6	109	49	2.97E+00	3.80E-01	3.61E+00	5.77E+00	6.35E-01	3.51E+00	4.23E-01	
168	136	54	12	6	110	49	5.19E+00	4.20E-01	4.98E+00	7.78E+00	7.56E-01	4.61E+00	5.00E-01	
168	136	54	12	6	111	49	9.61E+00	4.80E-01	8.47E+00	8.75E+00	7.72E-01	7.55E+00	7.48E-01	
168	136	54	12	6	112	49	9.61E+00	5.10E-01	7.51E+00	8.54E+00	6.99E-01	6.53E+00	6.04E-01	
168	136	54	12	6	113	49	8.82E+00	4.50E-01	9.53E+00	7.48E+00	5.79E-01	8.17E+00	7.28E-01	
168	136	54	12	6	114	49	6.11E+00	4.10E-01	6.36E+00	6.04E+00	4.52E-01	5.45E+00	4.86E-01	
168	136	54	12	6	115	49	4.84E+00	3.50E-01	6.74E+00	4.59E+00	3.44E-01	5.84E+00	5.42E-01	
168	136	54	12	6	116	49	3.38E+00	2.10E-01	3.80E+00	3.33E+00	2.63E-01	3.37E+00	3.35E-01	
168	136	54	12	6	117	49	2.12E+00	2.30E-01	3.82E+00	2.33E+00	2.03E-01	3.51E+00	3.81E-01	
168	136	54	12	6	118	49	1.48E+00	2.10E-01	1.97E+00	1.58E+00	1.57E-01	1.88E+00	2.26E-01	
168	136	54	12	6	119	49	6.70E-01	1.50E-01	1.88E+00	1.04E+00	1.20E-01	1.89E+00	2.52E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
168	136	54	12	6	111	50	1.78E+00	4.10E-01	2.40E+00	5.37E+00	6.10E-01	2.77E+00	3.55E-01	
168	136	54	12	6	112	50	4.56E+00	4.10E-01	5.22E+00	7.99E+00	8.03E-01	5.77E+00	6.67E-01	
168	136	54	12	6	113	50	9.61E+00	5.10E-01	6.29E+00	9.85E+00	8.96E-01	6.73E+00	7.07E-01	
168	136	54	12	6	114	50	1.24E+01	5.40E-01	9.90E+00	1.05E+01	8.76E-01	1.04E+01	1.01E+00	
168	136	54	12	6	115	50	1.13E+01	5.20E-01	8.24E+00	1.00E+01	7.76E-01	8.56E+00	7.87E-01	
168	136	54	12	6	116	50	9.86E+00	5.00E-01	1.06E+01	8.84E+00	6.45E-01	1.10E+01	9.94E-01	
168	136	54	12	6	117	50	8.31E+00	4.70E-01	7.05E+00	7.33E+00	5.21E-01	7.47E+00	6.82E-01	
168	136	54	12	6	118	50	6.13E+00	2.90E-01	7.95E+00	5.82E+00	4.25E-01	8.66E+00	8.29E-01	
168	136	54	12	6	119	50	4.35E+00	2.50E-01	4.68E+00	4.46E+00	3.56E-01	5.28E+00	5.45E-01	
168	136	54	12	6	120	50	2.43E+00	3.10E-01	4.95E+00	3.32E+00	3.02E-01	5.85E+00	6.61E-01	
168	136	54	12	6	121	50	2.22E+00	2.70E-01	2.70E+00	2.42E+00	2.54E-01	3.35E+00	4.19E-01	
168	136	54	12	6	122	50	1.55E+00	2.20E-01	2.71E+00	1.71E+00	2.08E-01	3.53E+00	4.88E-01	
168	136	54	12	6	113	51	1.38E+00	4.40E-01	1.44E+00	4.37E+00	5.10E-01	2.04E+00	2.81E-01	
168	136	54	12	6	114	51	3.63E+00	3.80E-01	2.64E+00	7.21E+00	7.46E-01	3.60E+00	4.48E-01	
168	136	54	12	6	115	51	8.73E+00	4.90E-01	5.51E+00	9.82E+00	9.17E-01	7.31E+00	8.30E-01	
168	136	54	12	6	116	51	1.17E+01	5.80E-01	6.42E+00	1.16E+01	9.82E-01	8.39E+00	8.77E-01	
168	136	54	12	6	117	51	1.31E+01	7.50E-01	1.04E+01	1.22E+01	9.50E-01	1.36E+01	1.34E+00	
168	136	54	12	6	118	51	1.31E+01	6.10E-01	8.85E+00	1.18E+01	8.58E-01	1.16E+01	1.10E+00	
168	136	54	12	6	119	51	1.18E+01	5.70E-01	1.21E+01	1.08E+01	7.54E-01	1.62E+01	1.52E+00	
168	136	54	12	6	120	51	1.01E+01	4.00E-01	8.31E+00	9.52E+00	6.70E-01	1.15E+01	1.11E+00	
168	136	54	12	6	121	51	9.22E+00	3.70E-01	9.89E+00	8.11E+00	6.13E-01	1.42E+01	1.44E+00	
168	136	54	12	6	122	51	7.66E+00	3.30E-01	6.28E+00	6.75E+00	5.72E-01	9.37E+00	1.03E+00	
168	136	54	12	6	123	51	5.32E+00	3.80E-01	7.02E+00	5.51E+00	5.32E-01	1.09E+01	1.31E+00	
168	136	54	12	6	124	51	3.45E+00	3.50E-01	4.09E+00	4.40E+00	4.83E-01	6.58E+00	8.61E-01	
168	136	54	12	6	125	51	3.37E+00	3.00E-01	4.24E+00	3.43E+00	4.23E-01	6.97E+00	9.95E-01	
168	136	54	12	6	116	52	2.62E+00	3.60E-01	1.90E+00	5.38E+00	5.78E-01	3.33E+00	4.51E-01	
168	136	54	12	6	117	52	4.69E+00	4.40E-01	3.09E+00	8.20E+00	7.93E-01	5.29E+00	6.58E-01	
168	136	54	12	6	118	52	1.12E+01	5.70E-01	6.09E+00	1.08E+01	9.48E-01	1.03E+01	1.19E+00	
168	136	54	12	6	119	52	1.33E+01	8.30E-01	6.75E+00	1.27E+01	1.03E+00	1.14E+01	1.24E+00	
168	136	54	12	6	120	52	1.45E+01	6.90E-01	1.08E+01	1.38E+01	1.04E+00	1.86E+01	1.92E+00	
168	136	54	12	6	121	52	1.55E+01	7.20E-01	9.46E+00	1.41E+01	1.03E+00	1.66E+01	1.69E+00	
168	136	54	12	6	122	52	1.61E+01	7.20E-01	1.35E+01	1.40E+01	1.02E+00	2.44E+01	2.50E+00	
168	136	54	12	6	123	52	1.49E+01	5.30E-01	1.02E+01	1.35E+01	1.03E+00	1.89E+01	2.00E+00	
168	136	54	12	6	124	52	1.38E+01	5.10E-01	1.29E+01	1.27E+01	1.05E+00	2.47E+01	2.75E+00	
168	136	54	12	6	125	52	1.13E+01	6.00E-01	8.88E+00	1.18E+01	1.08E+00	1.74E+01	2.06E+00	
168	136	54	12	6	126	52	1.07E+01	6.00E-01	1.05E+01	1.09E+01	1.08E+00	2.08E+01	2.63E+00	
168	136	54	12	6	127	52	1.05E+01	5.40E-01	6.64E+00	9.77E+00	1.06E+00	1.28E+01	1.72E+00	
168	136	54	12	6	128	52	9.30E+00	4.90E-01	7.20E+00	8.55E+00	1.00E+00	1.29E+01	1.85E+00	
168	136	54	12	6	129	52	4.94E+00	8.20E-01	3.94E+00	7.22E+00	9.15E-01	6.16E+00	9.42E-01	
168	136	54	12	6	130	52	3.76E+00	7.40E-01	3.70E+00	5.81E+00	8.01E-01	4.61E+00	7.64E-01	
168	136	54	12	6	132	52	1.17E+00	5.60E-01	1.58E+00	3.05E+00	5.42E-01	9.40E-01	2.01E-01	
168	136	54	12	6	133	52	3.01E+00	4.50E-01	4.86E-01	1.91E+00	4.08E-01	2.12E-01	5.43E-02	
168	136	54	12	6	118	53	8.00E-01	2.70E-01	6.09E-01	3.06E+00	3.50E-01	1.42E+00	2.12E-01	
168	136	54	12	6	119	53	3.99E+00	4.00E-01	1.57E+00	5.28E+00	5.45E-01	3.60E+00	4.98E-01	
168	136	54	12	6	120	53	8.15E+00	5.50E-01	2.54E+00	7.84E+00	7.43E-01	5.77E+00	7.48E-01	
168	136	54	12	6	121	53	1.17E+01	6.50E-01	5.13E+00	1.04E+01	9.24E-01	1.17E+01	1.43E+00	
168	136	54	12	6	122	53	1.43E+01	7.40E-01	6.01E+00	1.29E+01	1.09E+00	1.39E+01	1.64E+00	
168	136	54	12	6	123	53	1.67E+01	8.30E-01	1.02E+01	1.50E+01	1.24E+00	2.42E+01	2.79E+00	
168	136	54	12	6	124	53	1.84E+01	9.00E-01	9.59E+00	1.69E+01	1.40E+00	2.32E+01	2.66E+00	
168	136	54	12	6	125	53	2.12E+01	7.10E-01	1.46E+01	1.87E+01	1.59E+00	3.59E+01	4.19E+00	
168	136	54	12	6	126	53	2.26E+01	7.40E-01	1.22E+01	2.03E+01	1.79E+00	3.04E+01	3.62E+00	
168	136	54	12	6	127	53	2.32E+01	7.40E-01	1.72E+01	2.17E+01	2.00E+00	4.21E+01	5.16E+00	
168	136	54	12	6	128	53	2.30E+01	9.90E-01	1.34E+01	2.30E+01	2.20E+00	3.12E+01	3.93E+00	
168	136	54	12	6	129	53	2.32E+01	1.01E+00	1.75E+01	2.39E+01	2.37E+00	3.68E+01	4.78E+00	
168	136	54	12	6	130	53	2.41E+01	9.40E-01	1.30E+01	2.41E+01	2.50E+00	2.29E+01	3.10E+00	
168	136	54	12	6	131	53	2.50E+01	1.08E+00	1.81E+01	2.33E+01	2.59E+00	2.43E+01	3.54E+00	
168	136	54	12	6	132	53	1.90E+01	1.78E+00	1.46E+01	2.14E+01	2.67E+00	1.31E+01	2.19E+00	
168	136	54	12	6	133	53	2.16E+01	1.65E+00	1.88E+01	1.82E+01	2.69E+00	1.02E+01	2.11E+00	
168	136	54	12	6	134	53	1.65E+01	1.82E+00	1.04E+01	1.40E+01	2.58E+00	3.69E+00	9.79E-01	
168	136	54	12	6	135	53	1.96E+01	1.39E+00	1.05E+01	9.48E+00	2.24E+00	6.07E+00	2.68E+00	
168	136	54	12	6	121	54	2.08E+00	3.20E-01	4.94E-01	2.31E+00	2.75E-01	1.56E+00	2.46E-01	
168	136	54	12	6	122	54	4.88E+00	4.40E-01	1.18E+00	3.91E+00	4.36E-01	3.73E+00	5.55E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
168	136	54	12	6	123	54	8.73E+00	6.40E-01	1.80E+00	5.94E+00	6.34E-01	5.72E+00	8.14E-01	
168	136	54	12	6	124	54	1.14E+01	7.60E-01	3.61E+00	8.34E+00	8.71E-01	1.16E+01	1.60E+00	
168	136	54	12	6	125	54	1.44E+01	9.10E-01	4.26E+00	1.11E+01	1.15E+00	1.38E+01	1.87E+00	
168	136	54	12	6	126	54	1.81E+01	1.05E+00	7.72E+00	1.43E+01	1.48E+00	2.52E+01	3.39E+00	
168	136	54	12	6	127	54	2.14E+01	8.50E-01	7.93E+00	1.79E+01	1.87E+00	2.57E+01	3.45E+00	
168	136	54	12	6	128	54	2.76E+01	9.20E-01	1.29E+01	2.20E+01	2.30E+00	4.05E+01	5.43E+00	
168	136	54	12	6	129	54	3.15E+01	9.90E-01	1.21E+01	2.67E+01	2.77E+00	3.54E+01	4.72E+00	
168	136	54	12	6	130	54	3.52E+01	1.39E+00	1.99E+01	3.17E+01	3.24E+00	5.06E+01	6.73E+00	
168	136	54	12	6	131	54	3.82E+01	1.45E+00	2.12E+01	3.65E+01	3.69E+00	4.33E+01	5.83E+00	
168	136	54	12	6	132	54	4.03E+01	1.53E+00	4.08E+01	4.03E+01	4.19E+00	5.96E+01	8.58E+00	
168	136	54	12	6	133	54	4.35E+01	1.46E+00	4.71E+01	4.19E+01	4.81E+00	4.27E+01	7.28E+00	
168	136	54	12	6	134	54	5.91E+01	3.29E+00	9.08E+01	4.02E+01	5.58E+00	4.50E+01	9.92E+00	
168	136	54	12	6	135	54	1.06E+02	4.23E+00	8.74E+01	3.47E+01	6.20E+00	2.48E+01	7.37E+00	
168	136	54	12	6	123	55	1.52E+00	1.00E+00	9.20E-02	5.49E-01	8.62E-02	4.18E-01	7.54E-02	
168	136	54	12	6	124	55	1.44E+00	5.40E-01	1.87E-01	1.05E+00	1.57E-01	8.47E-01	1.47E-01	
168	136	54	12	6	125	55	2.73E+00	5.10E-01	4.46E-01	1.79E+00	2.60E-01	2.02E+00	3.40E-01	
168	136	54	12	6	126	55	4.93E+00	5.20E-01	6.62E-01	2.81E+00	4.01E-01	3.00E+00	4.95E-01	
168	136	54	12	6	127	55	7.22E+00	6.20E-01	1.36E+00	4.13E+00	5.84E-01	6.14E+00	9.98E-01	
168	136	54	12	6	128	55	8.11E+00	6.70E-01	1.60E+00	5.82E+00	8.13E-01	7.03E+00	1.13E+00	
168	136	54	12	6	129	55	9.36E+00	5.30E-01	2.91E+00	7.90E+00	1.08E+00	1.21E+01	1.93E+00	
168	136	54	12	6	130	55	1.06E+01	5.70E-01	3.19E+00	1.04E+01	1.39E+00	1.20E+01	1.88E+00	
168	136	54	12	6	131	55	1.27E+01	6.10E-01	6.13E+00	1.31E+01	1.71E+00	1.94E+01	2.99E+00	
168	136	54	12	6	132	55	1.31E+01	5.80E-01	7.31E+00	1.59E+01	2.03E+00	1.77E+01	2.72E+00	
168	136	54	12	6	133	55	1.22E+01	8.10E-01	1.43E+01	1.81E+01	2.38E+00	2.31E+01	3.80E+00	
168	136	54	12	6	134	55	8.92E+00	6.90E-01	1.61E+01	1.91E+01	2.78E+00	1.49E+01	2.91E+00	
168	136	54	12	6	135	55	6.30E+00	5.50E-01	2.72E+01	1.83E+01	3.22E+00	1.23E+01	3.15E+00	
168	136	54	12	6	136	55	2.93E+00	1.24E+00	2.17E+01	1.53E+01	3.46E+00	4.84E+00	1.69E+00	
[20]	140	40	18	9	4	10	4	4.10E+00	1.70E+00	7.67E-01	2.93E+00	4.16E-01	3.22E+00	5.92E-01
	140	40	18	9	4	11	4	2.00E-01	2.00E-02	3.91E-02	4.99E-01	6.15E-02	1.92E-01	3.07E-02
	140	40	18	9	4	12	4	3.70E-02	4.00E-03	2.29E-02	5.10E-02	5.77E-03	1.27E-01	1.82E-02
	140	40	18	9	4	12	5	1.80E+00	2.00E-01	4.39E-01	2.72E+00	3.07E-01	1.03E+00	1.41E-01
	140	40	18	9	4	13	5	7.00E-01	5.00E-02	2.85E-01	5.49E-01	5.35E-02	7.81E-01	9.34E-02
	140	40	18	9	4	14	5	3.20E-02	3.00E-03	1.59E-02	6.55E-02	5.85E-03	4.90E-02	5.33E-03
	140	40	18	9	4	15	5	7.80E-03	1.00E-03	4.97E-03	5.39E-03	4.71E-04	1.67E-02	1.73E-03
	140	40	18	9	4	14	6	3.30E+00	4.00E-01	1.92E+00	2.79E+00	2.62E-01	2.87E+00	3.08E-01
	140	40	18	9	4	15	6	5.00E-01	4.00E-02	1.81E-01	6.64E-01	5.36E-02	3.13E-01	3.00E-02
	140	40	18	9	4	16	6	1.00E-01	1.00E-02	6.33E-02	9.21E-02	6.82E-03	1.22E-01	1.10E-02
	140	40	18	9	4	17	6	1.01E-02	7.00E-04	3.26E-03	8.70E-03	6.27E-04	6.74E-03	5.98E-04
	140	40	18	9	4	17	6	1.70E-03	2.00E-04	7.61E-04	6.30E-04	4.61E-05	1.62E-03	1.48E-04
	140	40	18	9	4	19	6	2.70E-05	4.00E-06	2.44E-05	3.83E-05	3.00E-06	5.17E-05	5.03E-06
	140	40	18	9	4	16	7	9.00E-01	1.00E-01	1.47E+00	3.14E+00	2.59E-01	1.56E+00	1.44E-01
	140	40	18	9	4	17	7	8.00E-01	8.00E-02	6.16E-01	8.74E-01	6.24E-02	7.42E-01	6.33E-02
	140	40	18	9	4	18	7	1.00E-01	1.00E-02	6.39E-02	1.40E-01	9.17E-03	8.43E-02	6.94E-03
	140	40	18	9	4	19	7	3.50E-02	3.00E-03	1.35E-02	1.51E-02	9.49E-04	1.89E-02	1.56E-03
	140	40	18	9	4	20	7	2.30E-03	2.00E-04	7.62E-04	1.23E-03	7.69E-05	1.08E-03	9.21E-05
	140	40	18	9	4	21	7	2.90E-04	4.00E-05	1.19E-04	8.29E-05	5.51E-06	1.64E-04	1.49E-05
	140	40	18	9	4	22	7	6.10E-06	1.00E-06	2.60E-06	4.88E-06	3.82E-07	3.35E-06	3.35E-07
	140	40	18	9	4	19	8	7.00E-01	9.00E-02	6.16E-01	1.23E+00	8.24E-02	5.60E-01	4.61E-02
	140	40	18	9	4	20	8	3.00E-01	3.00E-02	2.05E-01	2.27E-01	1.38E-02	2.01E-01	1.61E-02
	140	40	18	9	4	21	8	3.10E-02	2.00E-03	1.58E-02	2.76E-02	1.60E-03	1.60E-02	1.28E-03
	140	40	18	9	4	22	8	4.30E-03	4.00E-04	2.98E-03	2.52E-03	1.43E-04	3.00E-03	2.47E-04
	140	40	18	9	4	23	8	1.19E-04	5.00E-05	1.33E-04	1.87E-04	1.14E-05	1.28E-04	1.12E-05
	140	40	18	9	4	24	8	7.70E-06	6.00E-06	2.77E-05	1.20E-05	8.76E-07	2.45E-05	2.33E-06
	140	40	18	9	4	21	9	1.10E+00	2.00E-01	1.77E+00	1.83E+00	1.19E-01	1.30E+00	1.07E-01
	140	40	18	9	4	22	9	3.00E-01	4.00E-02	2.45E-01	3.83E-01	2.25E-02	1.90E-01	1.51E-02
	140	40	18	9	4	23	9	6.90E-02	5.00E-03	5.87E-02	5.25E-02	2.90E-03	4.60E-02	3.62E-03
	140	40	18	9	4	24	9	6.00E-03	5.00E-04	4.35E-03	5.29E-03	2.90E-04	3.32E-03	2.65E-04
	140	40	18	9	4	25	9	5.10E-04	5.00E-05	8.27E-04	4.30E-04	2.58E-05	5.91E-04	4.94E-05
	140	40	18	9	4	26	9	3.10E-05	4.00E-06	2.37E-05	2.97E-05	2.19E-06	1.52E-05	1.38E-06
	140	40	18	9	4	27	9	1.80E-06	3.00E-07	3.54E-06	1.80E-06	1.70E-07	1.97E-06	2.01E-07
	140	40	18	9	4	24	10	4.00E-01	7.00E-02	7.36E-01	6.64E-01	3.88E-02	4.74E-01	3.77E-02
	140	40	18	9	4	25	10	5.20E-02	5.00E-03	8.20E-02	1.01E-01	5.59E-03	5.24E-02	4.08E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	40	18	9	4	26	10	1.06E-02	8.00E-04	1.65E-02	1.12E-02	6.29E-04	1.01E-02	7.85E-04
	140	40	18	9	4	27	10	3.90E-04	6.00E-05	8.73E-04	9.84E-04	6.22E-05	4.88E-04	3.94E-05
	140	40	18	9	4	28	10	1.07E-04	1.30E-05	1.50E-04	7.25E-05	5.65E-06	7.39E-05	6.46E-06
	140	40	18	9	4	29	10	3.60E-06	6.00E-07	3.83E-06	4.60E-06	4.54E-07	1.59E-06	1.57E-07
	140	40	18	9	4	30	10	2.90E-07	6.00E-08	4.40E-07	2.53E-07	3.10E-08	1.48E-07	1.71E-08
	140	40	18	9	4	26	11	5.00E-01	7.00E-02	9.20E-01	1.16E+00	7.04E-02	5.18E-01	4.13E-02
	140	40	18	9	4	27	11	1.00E-01	2.00E-02	3.17E-01	1.95E-01	1.13E-02	1.73E-01	1.34E-02
	140	40	18	9	4	28	11	1.70E-02	2.00E-03	2.38E-02	2.34E-02	1.42E-03	1.21E-02	9.32E-04
	140	40	18	9	4	29	11	3.60E-03	3.00E-04	5.06E-03	2.20E-03	1.52E-04	2.31E-03	1.82E-04
	140	40	18	9	4	30	11	2.60E-04	3.00E-05	1.91E-04	1.70E-04	1.44E-05	7.54E-05	6.41E-06
	140	40	18	9	4	31	11	3.50E-05	5.00E-06	2.74E-05	1.12E-05	1.16E-06	8.88E-06	8.58E-07
	140	40	18	9	4	32	11	1.10E-06	2.00E-07	5.39E-07	6.20E-07	7.79E-08	1.38E-07	1.58E-08
	140	40	18	9	4	33	11	9.00E-08	4.00E-08	6.78E-08	2.88E-08	4.21E-09	1.30E-08	1.81E-09
	140	40	18	9	4	28	12	7.00E-01	1.00E-01	2.66E+00	2.00E+00	1.31E-01	1.36E+00	1.09E-01
	140	40	18	9	4	29	12	1.00E-01	2.00E-02	3.79E-01	3.68E-01	2.34E-02	1.84E-01	1.43E-02
	140	40	18	9	4	30	12	3.60E-02	5.00E-03	9.86E-02	4.77E-02	3.19E-03	4.38E-02	3.35E-03
	140	40	18	9	4	31	12	3.40E-03	4.00E-04	5.95E-03	4.72E-03	3.61E-04	2.32E-03	1.81E-04
	140	40	18	9	4	32	12	7.70E-04	8.00E-05	1.23E-03	3.77E-04	3.46E-05	4.05E-04	3.40E-05
	140	40	18	9	4	33	12	3.20E-05	5.00E-06	3.98E-05	2.49E-05	2.75E-06	1.05E-05	1.01E-06
	140	40	18	9	4	31	13	3.00E-01	6.00E-02	1.42E+00	6.76E-01	4.76E-02	6.39E-01	5.07E-02
	140	40	18	9	4	32	13	5.30E-02	8.00E-03	1.23E-01	9.28E-02	6.92E-03	4.95E-02	3.84E-03
	140	40	18	9	4	33	13	1.39E-02	1.30E-03	3.83E-02	9.53E-03	8.05E-04	1.32E-02	1.04E-03
	140	40	18	9	4	34	13	1.40E-03	2.00E-04	2.08E-03	7.71E-04	7.64E-05	5.88E-04	5.02E-05
	140	40	18	9	4	35	13	2.00E-04	2.00E-05	3.82E-04	5.01E-05	5.83E-06	8.41E-05	8.38E-06
	140	40	18	9	4	36	13	6.00E-06	1.40E-06	1.08E-05	2.61E-06	3.48E-07	1.77E-06	2.18E-07
	140	40	18	9	4	33	14	3.00E-01	6.00E-02	1.62E+00	1.19E+00	9.25E-02	6.95E-01	5.76E-02
	140	40	18	9	4	34	14	1.00E-01	8.00E-02	7.52E-01	1.70E-01	1.40E-02	2.82E-01	2.28E-02
	140	40	18	9	4	35	14	1.05E-02	1.40E-03	5.98E-02	1.77E-02	1.64E-03	1.88E-02	1.56E-03
	140	40	18	9	4	36	14	2.60E-03	3.00E-04	1.40E-02	1.41E-03	1.51E-04	3.48E-03	3.20E-04
	140	40	18	9	4	37	14	7.00E-05	1.00E-05	5.65E-04	8.67E-05	1.07E-05	1.06E-04	1.17E-05
	140	40	18	9	4	35	15	1.10E+00	2.00E-01	6.66E+00	1.93E+00	1.66E-01	2.80E+00	2.51E-01
	140	40	18	9	4	36	15	2.00E-01	3.00E-02	1.14E+00	2.80E-01	2.56E-02	4.09E-01	3.64E-02
	140	40	18	9	4	37	15	7.00E-02	2.00E-02	2.99E-01	2.86E-02	2.92E-03	8.69E-02	8.18E-03
	140	40	18	9	4	38	15	3.70E-03	5.00E-04	1.61E-02	2.13E-03	2.50E-04	3.58E-03	3.89E-04
[20]	140	40	18	181	73	10	4	1.00E+01	1.00E+00	3.01E+00	7.29E+00	9.83E-01	7.44E+00	1.51E+00
	140	40	18	181	73	11	4	6.00E-01	7.00E-02	1.47E-01	1.27E+00	1.56E-01	4.47E-01	8.21E-02
	140	40	18	181	73	12	4	2.00E-01	5.00E-02	8.31E-02	1.40E-01	1.69E-02	3.08E-01	5.89E-02
	140	40	18	181	73	12	5	4.90E+00	5.00E-01	1.59E+00	7.31E+00	8.00E-01	2.92E+00	4.71E-01
	140	40	18	181	73	13	5	2.00E+00	2.00E-01	9.94E-01	1.47E+00	1.42E-01	2.13E+00	3.17E-01
	140	40	18	181	73	14	5	1.00E-01	1.00E-02	5.33E-02	1.86E-01	1.70E-02	1.34E-01	2.08E-02
	140	40	18	181	73	15	5	3.10E-02	7.00E-03	1.60E-02	1.71E-02	1.61E-03	4.73E-02	8.24E-03
	140	40	18	181	73	14	6	9.90E+00	1.20E+00	6.45E+00	7.73E+00	7.98E-01	8.41E+00	1.12E+00
	140	40	18	181	73	15	6	1.30E+00	2.00E-01	5.85E-01	1.79E+00	1.61E-01	8.58E-01	1.08E-01
	140	40	18	181	73	16	6	3.00E-01	4.00E-02	1.96E-01	2.58E-01	2.10E-02	3.27E-01	4.28E-02
	140	40	18	181	73	17	6	2.80E-02	2.00E-03	9.74E-03	2.67E-02	2.11E-03	1.86E-02	2.69E-03
	140	40	18	181	73	18	6	7.40E-03	1.00E-03	2.18E-03	2.23E-03	1.97E-04	4.86E-03	7.92E-04
	140	40	18	181	73	19	6	1.80E-04	2.00E-05	6.74E-05	1.63E-04	1.86E-05	1.77E-04	3.25E-05
	140	40	18	181	73	17	7	1.90E+00	2.00E-01	1.84E+00	2.27E+00	2.13E-01	1.83E+00	2.03E-01
	140	40	18	181	73	18	7	4.00E-01	3.00E-02	1.83E-01	3.71E-01	3.09E-02	2.04E-01	2.33E-02
	140	40	18	181	73	19	7	9.10E-02	7.00E-03	3.74E-02	4.31E-02	3.28E-03	4.72E-02	5.83E-03
	140	40	18	181	73	20	7	7.80E-03	7.00E-04	2.02E-03	4.00E-03	3.13E-04	2.97E-03	4.04E-04
	140	40	18	181	73	21	7	1.17E-03	1.40E-04	3.03E-04	3.21E-04	3.14E-05	5.29E-04	7.99E-05
	140	40	18	181	73	22	7	3.60E-05	5.00E-06	6.38E-06	2.36E-05	3.17E-06	1.36E-05	2.27E-06
	140	40	18	181	73	19	8	1.60E+00	2.00E-01	1.70E+00	2.94E+00	2.98E-01	1.15E+00	1.19E-01
	140	40	18	181	73	20	8	6.00E-01	7.00E-02	5.45E-01	5.45E-01	4.87E-02	4.13E-01	4.33E-02
	140	40	18	181	73	21	8	6.80E-02	5.00E-03	4.04E-02	7.09E-02	5.58E-03	3.50E-02	3.88E-03
	140	40	18	181	73	22	8	1.06E-02	9.00E-04	7.32E-03	7.28E-03	5.45E-04	7.47E-03	8.91E-04
	140	40	18	181	73	23	8	3.10E-04	3.00E-05	3.15E-04	6.40E-04	5.59E-05	3.90E-04	5.05E-05
	140	40	18	181	73	24	8	2.80E-05	4.00E-06	6.31E-05	5.09E-05	6.07E-06	9.75E-05	1.37E-05
	140	40	18	181	73	21	9	3.80E+00	4.00E-01	4.51E+00	3.89E+00	4.20E-01	2.15E+00	2.16E-01
	140	40	18	181	73	22	9	7.00E-01	8.00E-02	6.03E-01	8.12E-01	7.72E-02	3.26E-01	3.33E-02
	140	40	18	181	73	23	9	2.00E-01	1.20E-02	1.39E-01	1.18E-01	9.74E-03	8.80E-02	9.39E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	40	18	181	73	24	9	1.36E-02	1.10E-03	9.89E-03	1.34E-02	9.96E-04	7.59E-03	8.60E-04
	140	40	18	181	73	25	9	1.39E-03	1.40E-04	1.81E-03	1.28E-03	1.04E-04	1.74E-03	2.10E-04
	140	40	18	181	73	26	9	1.20E-04	2.00E-05	4.99E-05	1.10E-04	1.18E-05	6.19E-05	7.90E-06
	140	40	18	181	73	27	9	8.90E-06	1.50E-06	7.17E-06	8.67E-06	1.31E-06	1.17E-05	1.59E-06
	140	40	18	181	73	24	10	1.00E+00	1.00E-01	1.67E+00	1.22E+00	1.22E-01	6.92E-01	7.34E-02
	140	40	18	181	73	25	10	1.00E-01	1.00E-02	1.79E-01	1.97E-01	1.71E-02	9.02E-02	1.01E-02
	140	40	18	181	73	26	10	2.30E-02	2.00E-03	3.47E-02	2.45E-02	1.87E-03	2.21E-02	2.60E-03
	140	40	18	181	73	27	10	8.30E-04	1.00E-04	1.77E-03	2.55E-03	1.99E-04	1.46E-03	1.80E-04
	140	40	18	181	73	28	10	3.20E-04	7.00E-05	2.92E-04	2.34E-04	2.34E-05	3.24E-04	4.09E-05
	140	40	18	181	73	29	10	1.10E-05	2.00E-06	7.16E-06	1.95E-05	2.75E-06	1.07E-05	1.38E-06
	140	40	18	181	73	30	10	1.70E-06	5.00E-07	7.93E-07	1.51E-06	2.96E-07	1.59E-06	2.09E-07
	140	40	18	181	73	26	11	1.20E+00	1.00E-01	1.94E+00	1.84E+00	1.94E-01	6.71E-01	7.82E-02
	140	40	18	181	73	27	11	3.00E-01	3.00E-02	6.42E-01	3.29E-01	3.04E-02	2.84E-01	3.52E-02
	140	40	18	181	73	28	11	3.50E-02	3.00E-03	4.64E-02	4.48E-02	3.63E-03	2.71E-02	3.52E-03
	140	40	18	181	73	29	11	7.20E-03	7.00E-04	9.46E-03	5.03E-03	4.00E-04	7.52E-03	9.96E-04
	140	40	18	181	73	30	11	7.00E-04	8.00E-05	3.45E-04	4.92E-04	4.80E-05	3.75E-04	4.93E-05
	140	40	18	181	73	31	11	1.20E-04	3.00E-05	4.74E-05	4.31E-05	5.83E-06	6.98E-05	8.96E-06
	140	40	18	181	73	29	12	3.00E-01	3.00E-02	7.09E-01	5.51E-01	5.50E-02	3.09E-01	4.33E-02
	140	40	18	181	73	30	12	7.10E-02	7.00E-03	1.77E-01	8.18E-02	7.25E-03	1.07E-01	1.54E-02
	140	40	18	181	73	31	12	7.80E-03	8.00E-04	1.03E-02	9.88E-03	8.47E-04	8.66E-03	1.24E-03
	140	40	18	181	73	32	12	1.60E-03	2.00E-04	2.05E-03	1.02E-03	1.03E-04	2.36E-03	3.23E-04
	140	40	18	181	73	33	12	1.30E-04	2.00E-05	6.38E-05	9.29E-05	1.26E-05	9.47E-05	1.23E-05
	140	40	18	181	73	31	13	7.00E-01	8.00E-02	2.47E+00	9.26E-01	1.01E-01	1.18E+00	1.87E-01
	140	40	18	181	73	32	13	1.00E-01	9.00E-03	2.05E-01	1.50E-01	1.48E-02	1.40E-01	2.21E-02
	140	40	18	181	73	33	13	2.70E-02	3.00E-03	6.13E-02	1.93E-02	1.87E-03	5.78E-02	8.74E-03
	140	40	18	181	73	34	13	3.10E-03	5.00E-04	3.21E-03	2.09E-03	2.31E-04	3.90E-03	5.48E-04
	140	40	18	181	73	35	13	5.90E-04	8.00E-05	5.66E-04	1.95E-04	2.82E-05	7.84E-04	1.04E-04
	140	40	18	181	73	36	13	3.30E-05	5.00E-06	1.55E-05	1.58E-05	3.09E-06	2.05E-05	2.90E-06
	140	40	18	181	73	33	14	8.00E-01	8.00E-02	2.60E+00	1.56E+00	1.87E-01	1.50E+00	2.63E-01
	140	40	18	181	73	34	14	2.00E-01	2.00E-02	1.16E+00	2.73E-01	3.06E-02	9.37E-01	1.58E-01
	140	40	18	181	73	35	14	1.90E-02	3.00E-03	8.87E-02	3.73E-02	4.18E-03	9.20E-02	1.43E-02
	140	40	18	181	73	36	14	4.20E-03	8.00E-04	2.00E-02	4.17E-03	5.31E-04	2.29E-02	3.27E-03
	140	40	18	181	73	36	15	4.00E-01	4.00E-02	1.63E+00	4.80E-01	6.13E-02	1.49E+00	2.61E-01
	140	40	18	181	73	37	15	1.00E-01	1.00E-02	4.10E-01	6.78E-02	8.99E-03	4.01E-01	6.38E-02
	140	40	18	181	73	38	15	4.90E-03	7.00E-04	2.12E-02	7.57E-03	1.15E-03	1.71E-02	2.57E-03
[21]	140	40	20	9	4	18	10	1.25E-01	3.95E-02	2.16E-01	2.00E-01	2.65E-02	1.31E-01	1.45E-02
	140	40	20	9	4	20	11	9.44E-02	1.75E-02	1.05E-01	2.00E-01	2.41E-02	6.35E-02	6.99E-03
	140	40	20	9	4	22	12	1.76E-01	5.21E-02	1.96E-01	2.11E-01	2.29E-02	1.23E-01	1.35E-02
	140	40	20	9	4	24	13	1.43E-01	2.86E-02	9.41E-02	2.32E-01	2.29E-02	6.33E-02	6.94E-03
	140	40	20	9	4	26	14	2.11E-01	4.53E-02	1.58E-01	2.61E-01	2.47E-02	1.17E-01	1.27E-02
	140	40	20	9	4	28	15	1.28E-01	2.70E-02	9.05E-02	2.99E-01	2.84E-02	7.50E-02	8.06E-03
	140	40	20	9	4	30	16	2.07E-01	3.57E-02	1.74E-01	3.48E-01	3.43E-02	1.65E-01	1.77E-02
	140	40	20	9	4	32	17	1.53E-01	2.63E-02	1.27E-01	4.11E-01	4.27E-02	1.40E-01	1.52E-02
	140	40	20	9	4	34	18	2.96E-01	1.43E-02	3.72E-01	4.81E-01	5.41E-02	4.87E-01	5.59E-02
	140	40	20	9	4	36	19	2.62E-01	1.20E-02	3.95E-01	5.06E-01	6.52E-02	6.32E-01	7.96E-02
	140	40	20	9	4	38	20	1.29E+00	4.18E-02	2.08E+00	3.65E-01	5.69E-02	4.20E+00	6.09E-01
	140	40	20	9	4	11	6	5.10E+00	8.27E-01	3.43E+00	3.81E+00	5.13E-01	5.58E+00	9.02E-01
	140	40	20	9	4	13	7	1.43E+00	2.29E-01	9.57E-01	2.99E+00	3.57E-01	1.12E+00	1.47E-01
	140	40	20	9	4	15	8	3.70E+00	9.27E-01	3.92E+00	2.60E+00	2.83E-01	3.67E+00	4.18E-01
	140	40	20	9	4	17	9	1.57E+00	2.59E-01	1.29E+00	2.46E+00	2.49E-01	1.05E+00	1.12E-01
	140	40	20	9	4	19	10	1.90E+00	2.74E-01	3.13E+00	2.51E+00	2.35E-01	2.36E+00	2.48E-01
	140	40	20	9	4	21	11	1.67E+00	2.23E-01	1.34E+00	2.70E+00	2.36E-01	9.86E-01	1.04E-01
	140	40	20	9	4	23	12	3.17E+00	3.81E-01	3.03E+00	2.99E+00	2.53E-01	2.27E+00	2.40E-01
	140	40	20	9	4	25	13	1.80E+00	1.52E-01	1.39E+00	3.38E+00	2.91E-01	1.10E+00	1.15E-01
	140	40	20	9	4	27	14	3.71E+00	1.91E-01	2.70E+00	3.83E+00	3.51E-01	2.29E+00	2.38E-01
	140	40	20	9	4	29	15	2.06E+00	8.31E-02	1.56E+00	4.32E+00	4.24E-01	1.45E+00	1.49E-01
	140	40	20	9	4	31	16	4.00E+00	1.20E-01	3.38E+00	4.85E+00	5.01E-01	3.53E+00	3.62E-01
	140	40	20	9	4	33	17	2.23E+00	5.98E-02	2.43E+00	5.39E+00	5.71E-01	2.92E+00	3.04E-01
	140	40	20	9	4	35	18	5.84E+00	1.55E-01	7.64E+00	5.76E+00	6.28E-01	1.08E+01	1.18E+00
	140	40	20	9	4	37	19	5.49E+00	1.32E-01	7.06E+00	5.24E+00	6.23E-01	1.21E+01	1.47E+00
	140	40	20	9	4	39	20	4.00E+01	6.53E+00	4.50E+01	2.93E+00	4.15E-01	9.76E+01	1.37E+01
	140	40	20	9	4	41	21	2.10E-01	3.39E-02	2.52E+02	5.04E-01	9.54E-02	7.17E+02	1.24E+02

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	40	20	9	4	10	5	7.52E+00	6.43E-01	3.68E+00	1.11E+01	1.50E+00	1.21E+01	2.20E+00	
140	40	20	9	4	12	6	2.39E+01	1.61E+00	7.88E+00	9.07E+00	1.02E+00	1.63E+01	2.33E+00	
140	40	20	9	4	14	7	1.21E+01	8.00E-01	4.98E+00	8.21E+00	8.08E-01	7.37E+00	8.72E-01	
140	40	20	9	4	16	8	2.43E+01	1.47E+00	1.08E+01	8.13E+00	7.27E-01	1.26E+01	1.34E+00	
140	40	20	9	4	18	9	7.34E+00	4.23E-01	6.42E+00	8.66E+00	7.22E-01	6.41E+00	6.53E-01	
140	40	20	9	4	20	10	1.49E+01	7.74E-01	1.22E+01	9.72E+00	7.72E-01	1.11E+01	1.13E+00	
140	40	20	9	4	22	11	1.20E+01	5.73E-01	7.92E+00	1.13E+01	8.85E-01	6.89E+00	7.08E-01	
140	40	20	9	4	24	12	2.75E+01	1.17E+00	1.43E+01	1.33E+01	1.08E+00	1.24E+01	1.28E+00	
140	40	20	9	4	26	13	1.71E+01	6.52E-01	9.08E+00	1.56E+01	1.38E+00	8.06E+00	8.28E-01	
140	40	20	9	4	28	14	4.29E+01	1.41E+00	1.59E+01	1.79E+01	1.74E+00	1.49E+01	1.51E+00	
140	40	20	9	4	30	15	1.92E+01	5.53E-01	1.18E+01	2.01E+01	2.10E+00	1.20E+01	1.20E+00	
140	40	20	9	4	32	16	3.72E+01	9.28E-01	2.13E+01	2.19E+01	2.36E+00	2.38E+01	2.36E+00	
140	40	20	9	4	34	17	2.26E+01	5.66E-01	1.93E+01	2.31E+01	2.47E+00	2.45E+01	2.46E+00	
140	40	20	9	4	36	18	4.33E+01	1.19E+00	4.08E+01	2.26E+01	2.39E+00	6.07E+01	6.40E+00	
140	40	20	9	4	38	19	4.36E+01	1.50E+00	4.43E+01	1.77E+01	1.98E+00	8.00E+01	9.37E+00	
140	40	20	9	4	11	5	1.24E+01	8.19E-01	4.31E+00	7.48E+00	9.04E-01	1.74E+01	2.85E+00	
140	40	20	9	4	13	6	1.20E+01	7.51E-01	2.55E+00	7.12E+00	7.20E-01	6.50E+00	8.46E-01	
140	40	20	9	4	15	7	1.74E+01	1.02E+00	7.80E+00	7.44E+00	6.60E-01	1.41E+01	1.56E+00	
140	40	20	9	4	17	8	9.23E+00	5.16E-01	5.99E+00	8.38E+00	6.79E-01	8.43E+00	8.61E-01	
140	40	20	9	4	19	9	8.98E+00	4.66E-01	1.20E+01	1.00E+01	7.59E-01	1.42E+01	1.43E+00	
140	40	20	9	4	21	10	1.64E+01	7.79E-01	1.11E+01	1.24E+01	9.02E-01	1.18E+01	1.18E+00	
140	40	20	9	4	23	11	2.17E+01	9.37E-01	1.92E+01	1.55E+01	1.13E+00	1.90E+01	1.93E+00	
140	40	20	9	4	25	12	2.89E+01	1.12E+00	1.90E+01	1.94E+01	1.50E+00	1.83E+01	1.86E+00	
140	40	20	9	4	27	13	3.85E+01	1.31E+00	2.58E+01	2.35E+01	2.00E+00	2.49E+01	2.52E+00	
140	40	20	9	4	29	14	4.88E+01	1.44E+00	2.86E+01	2.75E+01	2.56E+00	2.86E+01	2.85E+00	
140	40	20	9	4	31	15	4.56E+01	1.15E+00	3.46E+01	3.06E+01	3.03E+00	3.68E+01	3.60E+00	
140	40	20	9	4	33	16	5.95E+01	1.48E+00	4.26E+01	3.25E+01	3.24E+00	4.95E+01	4.79E+00	
140	40	20	9	4	35	17	5.81E+01	1.40E+00	5.10E+01	3.25E+01	3.13E+00	6.67E+01	6.50E+00	
140	40	20	9	4	37	18	8.22E+01	2.11E+00	6.23E+01	2.89E+01	2.74E+00	9.48E+01	9.73E+00	
140	40	20	9	4	39	19	9.56E+01	2.42E+00	7.29E+01	1.91E+01	2.02E+00	1.34E+02	1.55E+01	
140	40	20	9	4	12	5	9.03E-01	1.54E-01	3.88E-01	1.94E+00	2.22E-01	1.87E+00	2.81E-01	
140	40	20	9	4	14	6	2.66E+00	1.66E-01	1.65E+00	2.14E+00	2.09E-01	4.99E+00	6.10E-01	
140	40	20	9	4	16	7	1.14E+00	1.12E-01	1.23E+00	2.56E+00	2.24E-01	2.61E+00	2.80E-01	
140	40	20	9	4	18	8	2.96E+00	1.60E-01	2.91E+00	3.26E+00	2.63E-01	4.76E+00	4.81E-01	
140	40	20	9	4	20	9	3.39E+00	1.69E-01	2.96E+00	4.33E+00	3.26E-01	3.99E+00	3.99E-01	
140	40	20	9	4	22	10	8.05E+00	3.65E-01	6.77E+00	5.85E+00	4.16E-01	7.98E+00	8.03E-01	
140	40	20	9	4	24	11	6.62E+00	2.72E-01	6.65E+00	7.89E+00	5.45E-01	7.19E+00	7.27E-01	
140	40	20	9	4	26	12	1.53E+01	5.56E-01	1.34E+01	1.03E+01	7.32E-01	1.39E+01	1.40E+00	
140	40	20	9	4	28	13	1.30E+01	4.14E-01	1.34E+01	1.29E+01	9.77E-01	1.37E+01	1.36E+00	
140	40	20	9	4	30	14	3.16E+01	8.60E-01	2.43E+01	1.52E+01	1.23E+00	2.52E+01	2.47E+00	
140	40	20	9	4	32	15	2.25E+01	5.14E-01	2.19E+01	1.67E+01	1.40E+00	2.37E+01	2.27E+00	
140	40	20	9	4	34	16	4.85E+01	1.12E+00	3.51E+01	1.71E+01	1.42E+00	4.11E+01	3.88E+00	
140	40	20	9	4	36	17	2.99E+01	8.42E-01	2.58E+01	1.60E+01	1.29E+00	3.37E+01	3.20E+00	
140	40	20	9	4	38	18	5.71E+01	1.47E+00	2.96E+01	1.27E+01	1.12E+00	4.46E+01	4.49E+00	
140	40	20	9	4	40	19	2.84E+00	1.18E-01	9.35E+00	6.86E+00	8.04E-01	1.69E+01	1.97E+00	
140	40	20	9	4	15	6	1.23E-01	1.73E-02	1.19E-01	2.93E-01	3.03E-02	4.14E-01	4.90E-02	
140	40	20	9	4	17	7	2.70E-01	2.93E-02	3.79E-01	3.96E-01	3.78E-02	9.17E-01	9.75E-02	
140	40	20	9	4	19	8	3.40E-01	1.94E-02	3.57E-01	5.63E-01	5.05E-02	6.54E-01	6.65E-02	
140	40	20	9	4	21	9	7.57E-01	3.71E-02	9.70E-01	8.21E-01	6.91E-02	1.44E+00	1.45E-01	
140	40	20	9	4	23	10	7.82E-01	3.56E-02	1.02E+00	1.20E+00	9.42E-02	1.30E+00	1.31E-01	
140	40	20	9	4	25	11	1.55E+00	6.19E-02	2.38E+00	1.71E+00	1.26E-01	2.72E+00	2.74E-01	
140	40	20	9	4	27	12	1.73E+00	6.21E-02	2.53E+00	2.33E+00	1.66E-01	2.71E+00	2.71E-01	
140	40	20	9	4	29	13	2.90E+00	8.99E-02	5.48E+00	2.96E+00	2.11E-01	5.67E+00	5.59E-01	
140	40	20	9	4	31	14	3.36E+00	9.00E-02	5.02E+00	3.47E+00	2.51E-01	5.19E+00	5.01E-01	
140	40	20	9	4	33	15	4.83E+00	1.25E-01	8.96E+00	3.70E+00	2.71E-01	9.57E+00	9.02E-01	
140	40	20	9	4	35	16	5.54E+00	1.46E-01	6.31E+00	3.58E+00	2.68E-01	7.21E+00	6.66E-01	
140	40	20	9	4	37	17	7.38E+00	1.80E-01	7.36E+00	3.06E+00	2.59E-01	9.29E+00	8.66E-01	
140	40	20	9	4	39	18	2.40E+00	6.01E-02	1.74E+00	2.11E+00	2.37E-01	2.52E+00	2.54E-01	
140	40	20	9	4	41	19	1.17E-01	1.44E-02	1.05E-02	8.91E-01	1.47E-01	1.80E-02	2.18E-03	
140	40	20	9	4	20	8	5.50E-02	9.36E-03	7.61E-02	5.11E-02	5.29E-03	1.50E-01	1.55E-02	
140	40	20	9	4	22	9	6.30E-02	7.51E-03	8.16E-02	8.06E-02	7.97E-03	1.28E-01	1.30E-02	
140	40	20	9	4	24	10	1.12E-01	1.42E-02	2.18E-01	1.25E-01	1.17E-02	2.88E-01	2.91E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	40	20	9	4	26	11	1.36E-01	5.50E-03	2.39E-01	1.86E-01	1.64E-02	2.78E-01	2.79E-02
	140	40	20	9	4	28	12	2.25E-01	8.17E-03	5.85E-01	2.58E-01	2.16E-02	6.23E-01	6.18E-02
	140	40	20	9	4	30	13	2.25E-01	7.22E-03	5.66E-01	3.27E-01	2.66E-02	5.74E-01	5.58E-02
	140	40	20	9	4	32	14	3.45E-01	9.64E-03	1.13E+00	3.73E-01	3.02E-02	1.13E+00	1.07E-01
	140	40	20	9	4	34	15	3.48E-01	8.46E-03	7.91E-01	3.78E-01	3.21E-02	8.06E-01	7.44E-02
	140	40	20	9	4	36	16	6.39E-01	2.62E-02	1.05E+00	3.38E-01	3.29E-02	1.13E+00	1.03E-01
	140	40	20	9	4	38	17	2.58E-01	6.54E-03	2.43E-01	2.57E-01	3.22E-02	2.86E-01	2.65E-02
	140	40	20	9	4	40	18	2.09E-02	9.02E-04	8.41E-03	1.47E-01	2.56E-02	1.12E-02	1.17E-03
	140	40	20	9	4	42	19	5.18E-03	5.93E-04	1.12E-11	4.62E-02	1.15E-02	1.74E-11	2.29E-12
	140	40	20	9	4	23	9	8.06E-03	3.42E-03	1.21E-02	4.74E-03	5.40E-04	1.93E-02	1.99E-03
	140	40	20	9	4	27	11	1.22E-02	1.96E-03	3.67E-02	1.17E-02	1.24E-03	4.18E-02	4.18E-03
	140	40	20	9	4	29	12	9.28E-03	9.58E-04	3.26E-02	1.62E-02	1.66E-03	3.35E-02	3.29E-03
	140	40	20	9	4	31	13	2.31E-02	1.01E-03	8.11E-02	2.00E-02	2.04E-03	7.81E-02	7.49E-03
	140	40	20	9	4	33	14	1.41E-02	6.18E-04	5.05E-02	2.17E-02	2.29E-03	4.72E-02	4.41E-03
	140	40	20	9	4	35	15	2.40E-02	3.25E-03	8.51E-02	2.03E-02	2.40E-03	8.01E-02	7.28E-03
	140	40	20	9	4	37	16	1.48E-02	4.64E-04	2.46E-02	1.63E-02	2.37E-03	2.42E-02	2.18E-03
	140	40	20	9	4	39	17	3.41E-03	3.79E-04	1.92E-03	1.06E-02	2.04E-03	2.04E-03	1.94E-04
	140	40	20	9	4	30	12	9.42E-04	2.71E-04	3.07E-03	6.43E-04	7.93E-05	2.94E-03	2.88E-04
	140	40	20	9	4	32	13	8.50E-04	1.60E-04	1.94E-03	7.56E-04	9.59E-05	1.71E-03	1.64E-04
	140	40	20	9	4	34	14	7.79E-04	1.00E-04	3.86E-03	7.59E-04	1.05E-04	3.25E-03	3.03E-04
	140	40	20	9	4	36	15	6.02E-04	5.10E-05	1.33E-03	6.40E-04	1.04E-04	1.11E-03	1.02E-04
	140	40	20	9	4	38	16	1.81E-04	3.49E-05	2.25E-04	4.44E-04	9.22E-05	1.94E-04	1.80E-05
[21]	140	40	20	181	73	28	15	2.59E-01	5.47E-02	1.67E-01	5.64E-01	8.93E-02	4.70E-02	1.01E-02
	140	40	20	181	73	30	16	3.58E-01	7.47E-02	2.98E-01	5.65E-01	8.28E-02	8.24E-02	1.65E-02
	140	40	20	181	73	32	17	2.77E-01	3.93E-02	2.01E-01	5.96E-01	8.14E-02	6.28E-02	1.12E-02
	140	40	20	181	73	34	18	5.53E-01	3.03E-02	5.45E-01	6.44E-01	8.51E-02	2.28E-01	3.65E-02
	140	40	20	181	73	36	19	5.14E-01	1.92E-02	5.35E-01	6.31E-01	9.06E-02	3.62E-01	5.84E-02
	140	40	20	181	73	38	20	2.34E+00	7.35E-02	2.61E+00	4.08E-01	7.36E-02	3.46E+00	6.87E-01
	140	40	20	181	73	40	21	2.14E-01	9.04E-03	1.16E+01	8.73E-02	2.10E-02	3.60E+01	9.60E+00
	140	40	20	181	73	11	6	2.25E+01	2.60E+00	1.23E+01	2.00E+01	3.20E+00	3.33E+01	7.56E+00
	140	40	20	181	73	15	8	1.07E+01	2.13E+00	1.20E+01	1.27E+01	1.90E+00	1.95E+01	2.78E+00
	140	40	20	181	73	17	9	3.24E+00	5.25E-01	3.67E+00	1.08E+01	1.55E+00	4.38E+00	6.23E-01
	140	40	20	181	73	19	10	4.31E+00	1.15E+00	8.21E+00	9.42E+00	1.29E+00	7.17E+00	1.11E+00
	140	40	20	181	73	21	11	3.03E+00	4.80E-01	3.24E+00	8.42E+00	1.08E+00	2.08E+00	3.52E-01
	140	40	20	181	73	23	12	5.52E+00	4.05E-01	6.79E+00	7.67E+00	9.15E-01	3.30E+00	5.96E-01
	140	40	20	181	73	25	13	3.11E+00	1.72E-01	2.89E+00	7.12E+00	7.93E-01	1.11E+00	2.08E-01
	140	40	20	181	73	27	14	5.91E+00	2.98E-01	5.19E+00	6.75E+00	7.08E-01	1.72E+00	3.17E-01
	140	40	20	181	73	29	15	3.09E+00	1.72E-01	2.77E+00	6.59E+00	6.59E-01	8.69E-01	1.52E-01
	140	40	20	181	73	31	16	5.73E+00	1.80E-01	5.56E+00	6.67E+00	6.49E-01	1.89E+00	3.00E-01
	140	40	20	181	73	33	17	3.08E+00	9.61E-02	3.70E+00	7.02E+00	6.93E-01	1.60E+00	2.25E-01
	140	40	20	181	73	35	18	8.21E+00	2.23E-01	1.08E+01	7.37E+00	8.15E-01	7.05E+00	9.47E-01
	140	40	20	181	73	37	19	7.28E+00	2.07E-01	9.19E+00	6.67E+00	9.37E-01	1.10E+01	1.71E+00
	140	40	20	181	73	39	20	6.54E+01	1.96E+00	5.42E+01	3.57E+00	6.80E-01	1.41E+02	2.89E+01
	140	40	20	181	73	41	21	2.22E-01	4.74E-02	2.81E+02	5.15E-01	1.31E-01	1.80E+03	4.92E+02
	140	40	20	181	73	10	5	2.52E+01	2.03E+00	1.37E+01	4.38E+01	6.22E+00	4.95E+01	1.17E+01
	140	40	20	181	73	12	6	6.13E+01	5.52E+00	2.71E+01	3.71E+01	4.47E+00	7.73E+01	1.37E+01
	140	40	20	181	73	14	7	2.97E+01	2.38E+00	1.59E+01	3.29E+01	3.62E+00	3.41E+01	4.85E+00
	140	40	20	181	73	16	8	5.08E+01	3.49E+00	3.19E+01	3.03E+01	3.14E+00	5.02E+01	6.53E+00
	140	40	20	181	73	18	9	1.48E+01	9.98E-01	1.75E+01	2.86E+01	2.81E+00	2.00E+01	2.65E+00
	140	40	20	181	73	20	10	2.69E+01	1.65E+00	3.07E+01	2.75E+01	2.54E+00	2.54E+01	3.59E+00
	140	40	20	181	73	22	11	2.09E+01	1.18E+00	1.85E+01	2.68E+01	2.31E+00	1.14E+01	1.71E+00
	140	40	20	181	73	24	12	4.29E+01	2.16E+00	3.09E+01	2.63E+01	2.14E+00	1.47E+01	2.30E+00
	140	40	20	181	73	26	13	2.50E+01	1.12E+00	1.81E+01	2.60E+01	2.05E+00	7.20E+00	1.12E+00
	140	40	20	181	73	28	14	5.67E+01	2.18E+00	2.93E+01	2.59E+01	2.04E+00	1.07E+01	1.60E+00
	140	40	20	181	73	30	15	2.45E+01	8.04E-01	2.02E+01	2.61E+01	2.11E+00	7.63E+00	1.06E+00
	140	40	20	181	73	32	16	4.50E+01	1.20E+00	3.37E+01	2.71E+01	2.29E+00	1.53E+01	1.91E+00
	140	40	20	181	73	34	17	2.65E+01	6.77E-01	2.82E+01	2.86E+01	2.68E+00	1.82E+01	2.13E+00
	140	40	20	181	73	36	18	5.18E+01	1.19E+00	5.52E+01	2.93E+01	3.31E+00	6.08E+01	7.69E+00
	140	40	20	181	73	38	19	3.75E+01	9.00E-01	5.55E+01	2.43E+01	3.62E+00	1.24E+02	1.97E+01
	140	40	20	181	73	11	5	4.43E+01	3.47E+00	1.54E+01	2.47E+01	3.17E+00	6.14E+01	1.14E+01
	140	40	20	181	73	13	6	3.57E+01	2.66E+00	8.45E+00	2.40E+01	2.51E+00	2.52E+01	3.75E+00
	140	40	20	181	73	15	7	4.08E+01	2.90E+00	2.39E+01	2.43E+01	2.24E+00	5.18E+01	6.71E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	40	20	181	73	17	8	2.01E+01	1.33E+00	1.70E+01	2.52E+01	2.15E+00	2.63E+01	3.26E+00	
140	40	20	181	73	19	9	1.77E+01	1.10E+00	3.16E+01	2.66E+01	2.13E+00	3.49E+01	4.38E+00	
140	40	20	181	73	21	10	2.92E+01	1.66E+00	2.70E+01	2.83E+01	2.13E+00	2.17E+01	2.81E+00	
140	40	20	181	73	23	11	3.56E+01	1.84E+00	4.32E+01	3.01E+01	2.16E+00	2.62E+01	3.47E+00	
140	40	20	181	73	25	12	4.25E+01	1.96E+00	3.95E+01	3.19E+01	2.24E+00	1.94E+01	2.56E+00	
140	40	20	181	73	27	13	5.27E+01	2.09E+00	4.95E+01	3.35E+01	2.39E+00	2.14E+01	2.75E+00	
140	40	20	181	73	29	14	6.25E+01	2.10E+00	5.09E+01	3.50E+01	2.60E+00	2.17E+01	2.63E+00	
140	40	20	181	73	31	15	5.73E+01	1.58E+00	5.69E+01	3.68E+01	2.86E+00	2.76E+01	3.09E+00	
140	40	20	181	73	33	16	7.33E+01	1.72E+00	6.48E+01	3.90E+01	3.21E+00	4.21E+01	4.45E+00	
140	40	20	181	73	35	17	6.76E+01	1.63E+00	7.18E+01	4.14E+01	3.79E+00	7.42E+01	8.17E+00	
140	40	20	181	73	37	18	8.75E+01	2.19E+00	8.12E+01	4.10E+01	4.58E+00	1.58E+02	2.06E+01	
140	40	20	181	73	39	19	1.18E+02	3.46E+00	8.79E+01	3.06E+01	4.53E+00	3.72E+02	6.09E+01	
140	40	20	181	73	41	20	2.17E+00	3.10E-01	4.66E+01	1.03E+01	2.06E+00	4.54E+02	9.47E+01	
140	40	20	181	73	12	5	4.29E+00	3.37E-01	1.34E+00	5.74E+00	7.12E-01	5.81E+00	9.59E-01	
140	40	20	181	73	14	6	7.12E+00	5.18E-01	5.24E+00	6.39E+00	6.39E-01	1.64E+01	2.30E+00	
140	40	20	181	73	16	7	3.35E+00	2.33E-01	3.62E+00	7.31E+00	6.41E-01	7.96E+00	1.02E+00	
140	40	20	181	73	18	8	7.25E+00	4.66E-01	7.94E+00	8.52E+00	6.91E-01	1.22E+01	1.50E+00	
140	40	20	181	73	20	9	7.68E+00	4.54E-01	7.46E+00	1.00E+01	7.65E-01	8.15E+00	9.78E-01	
140	40	20	181	73	22	10	1.54E+01	8.29E-01	1.58E+01	1.17E+01	8.51E-01	1.27E+01	1.50E+00	
140	40	20	181	73	24	11	1.14E+01	5.51E-01	1.44E+01	1.35E+01	9.51E-01	8.97E+00	1.04E+00	
140	40	20	181	73	26	12	2.34E+01	9.95E-01	2.68E+01	1.54E+01	1.08E+00	1.42E+01	1.59E+00	
140	40	20	181	73	28	13	1.80E+01	6.59E-01	2.48E+01	1.71E+01	1.22E+00	1.23E+01	1.32E+00	
140	40	20	181	73	30	14	4.11E+01	1.25E+00	4.16E+01	1.87E+01	1.37E+00	2.22E+01	2.27E+00	
140	40	20	181	73	32	15	2.61E+01	6.38E-01	3.46E+01	2.03E+01	1.52E+00	2.31E+01	2.30E+00	
140	40	20	181	73	34	16	5.25E+01	1.23E+00	5.14E+01	2.18E+01	1.69E+00	5.10E+01	5.26E+00	
140	40	20	181	73	36	17	3.26E+01	7.85E-01	3.49E+01	2.29E+01	1.94E+00	6.08E+01	7.03E+00	
140	40	20	181	73	38	18	5.85E+01	1.36E+00	3.70E+01	2.16E+01	2.23E+00	1.31E+02	1.79E+01	
140	40	20	181	73	40	19	4.11E+00	1.56E-01	1.08E+01	1.40E+01	1.95E+00	8.41E+01	1.39E+01	
140	40	20	181	73	13	5	6.06E-01	6.10E-02	6.63E-01	6.64E-01	8.42E-02	3.15E+00	5.30E-01	
140	40	20	181	73	15	6	4.83E-01	3.51E-02	3.64E-01	8.36E-01	8.60E-02	1.19E+00	1.76E-01	
140	40	20	181	73	17	7	9.51E-01	6.48E-02	1.07E+00	1.07E+00	9.69E-02	2.41E+00	3.22E-01	
140	40	20	181	73	19	8	9.29E-01	5.99E-02	9.37E-01	1.39E+00	1.16E-01	1.46E+00	1.80E-01	
140	40	20	181	73	21	9	1.84E+00	1.07E-01	2.35E+00	1.80E+00	1.42E-01	2.60E+00	3.02E-01	
140	40	20	181	73	23	10	1.64E+00	8.67E-02	2.29E+00	2.29E+00	1.74E-01	1.90E+00	2.07E-01	
140	40	20	181	73	25	11	2.87E+00	1.31E-01	4.95E+00	2.85E+00	2.12E-01	3.32E+00	3.42E-01	
140	40	20	181	73	27	12	2.85E+00	1.14E-01	4.87E+00	3.43E+00	2.55E-01	2.92E+00	2.86E-01	
140	40	20	181	73	29	13	4.34E+00	1.46E-01	9.75E+00	4.00E+00	3.00E-01	5.92E+00	5.64E-01	
140	40	20	181	73	31	14	4.62E+00	1.28E-01	8.25E+00	4.52E+00	3.41E-01	5.88E+00	5.65E-01	
140	40	20	181	73	33	15	6.16E+00	1.44E-01	1.36E+01	4.97E+00	3.74E-01	1.34E+01	1.36E+00	
140	40	20	181	73	35	16	6.50E+00	1.57E-01	8.89E+00	5.34E+00	4.05E-01	1.42E+01	1.59E+00	
140	40	20	181	73	37	17	8.05E+00	2.00E-01	9.58E+00	5.46E+00	4.49E-01	2.90E+01	3.64E+00	
140	40	20	181	73	39	18	2.98E+00	8.85E-02	2.10E+00	4.74E+00	4.75E-01	1.32E+01	1.88E+00	
140	40	20	181	73	41	19	5.69E-01	1.64E-02	1.17E-02	2.55E+00	3.48E-01	1.52E-01	2.51E-02	
140	40	20	181	73	16	6	6.85E-02	1.11E-02	8.61E-02	6.40E-02	7.30E-03	2.98E-01	4.80E-02	
140	40	20	181	73	18	7	6.77E-02	1.02E-02	7.20E-02	9.11E-02	9.06E-03	1.67E-01	2.38E-02	
140	40	20	181	73	20	8	1.47E-01	9.30E-03	1.92E-01	1.30E-01	1.18E-02	3.06E-01	3.89E-02	
140	40	20	181	73	22	9	1.82E-01	1.08E-02	1.90E-01	1.82E-01	1.57E-02	2.19E-01	2.49E-02	
140	40	20	181	73	24	10	2.64E-01	1.40E-02	4.71E-01	2.48E-01	2.08E-02	4.18E-01	4.30E-02	
140	40	20	181	73	26	11	2.84E-01	1.37E-02	4.77E-01	3.27E-01	2.70E-02	3.59E-01	3.43E-02	
140	40	20	181	73	28	12	4.17E-01	1.58E-02	1.08E+00	4.13E-01	3.41E-02	7.76E-01	7.17E-02	
140	40	20	181	73	30	13	3.87E-01	1.23E-02	9.68E-01	4.95E-01	4.12E-02	7.62E-01	7.22E-02	
140	40	20	181	73	32	14	5.35E-01	2.06E-02	1.79E+00	5.67E-01	4.73E-02	1.81E+00	1.84E-01	
140	40	20	181	73	34	15	5.09E-01	1.29E-02	1.16E+00	6.22E-01	5.22E-02	1.76E+00	1.98E-01	
140	40	20	181	73	36	16	8.52E-01	2.25E-02	1.42E+00	6.53E-01	5.71E-02	3.79E+00	4.74E-01	
140	40	20	181	73	38	17	3.61E-01	1.28E-02	3.04E-01	6.30E-01	6.19E-02	1.58E+00	2.18E-01	
140	40	20	181	73	40	18	2.26E-01	6.78E-03	9.75E-03	4.85E-01	5.83E-02	1.01E-01	1.55E-02	
140	40	20	181	73	42	19	3.66E-02	1.64E-03	1.20E-11	2.05E-01	3.27E-02	2.16E-10	3.85E-11	
140	40	20	181	73	19	7	1.14E-02	2.09E-03	1.06E-02	5.19E-03	6.08E-04	2.57E-02	3.92E-03	
140	40	20	181	73	21	8	1.25E-02	2.05E-03	9.52E-03	7.98E-03	8.44E-04	1.60E-02	2.10E-03	
140	40	20	181	73	23	9	2.22E-02	1.45E-03	2.71E-02	1.20E-02	1.18E-03	3.35E-02	3.80E-03	
140	40	20	181	73	25	10	1.64E-02	1.43E-03	2.48E-02	1.73E-02	1.64E-03	2.46E-02	2.47E-03	
140	40	20	181	73	27	11	3.35E-02	2.03E-03	7.05E-02	2.37E-02	2.22E-03	6.25E-02	5.89E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	40	20	181	73	29	12	2.26E-02	2.22E-03	5.79E-02	3.07E-02	2.88E-03	5.25E-02	5.02E-03
	140	40	20	181	73	31	13	4.60E-02	2.05E-03	1.33E-01	3.72E-02	3.54E-03	1.44E-01	1.49E-02
	140	40	20	181	73	33	14	2.79E-02	8.67E-04	7.68E-02	4.23E-02	4.10E-03	1.15E-01	1.33E-02
	140	40	20	181	73	35	15	4.68E-02	1.92E-03	1.20E-01	4.51E-02	4.59E-03	2.91E-01	3.74E-02
	140	40	20	181	73	37	16	3.24E-02	1.58E-03	3.21E-02	4.49E-02	5.07E-03	1.42E-01	2.02E-02
	140	40	20	181	73	39	17	2.22E-02	8.48E-04	2.31E-03	3.94E-02	5.27E-03	1.96E-02	3.09E-03
	140	40	20	181	73	41	18	1.07E-02	5.18E-04	1.28E-08	2.57E-02	4.25E-03	1.90E-07	3.43E-08
	140	40	20	181	73	26	10	1.71E-03	5.57E-04	2.43E-03	8.66E-04	9.66E-05	2.80E-03	2.86E-04
	140	40	20	181	73	30	12	2.60E-03	5.58E-04	5.25E-03	1.58E-03	1.71E-04	6.32E-03	6.66E-04
	140	40	20	181	73	32	13	2.43E-03	4.66E-04	3.07E-03	1.89E-03	2.07E-04	4.75E-03	5.58E-04
	140	40	20	181	73	34	14	2.01E-03	3.76E-04	5.64E-03	2.08E-03	2.38E-04	1.30E-02	1.72E-03
	140	40	20	181	73	36	15	1.84E-03	1.61E-04	1.80E-03	2.09E-03	2.63E-04	7.04E-03	1.04E-03
	140	40	20	181	73	38	16	1.12E-03	2.36E-04	2.82E-04	1.91E-03	2.81E-04	2.00E-03	3.36E-04
	140	40	20	181	73	40	17	8.45E-04	1.42E-04	9.52E-08	1.47E-03	2.65E-04	1.17E-06	2.29E-07
[21]	140	48	20	9	4	26	14	3.50E-03	1.73E-03	1.88E-02	2.66E-03	2.74E-04	1.33E-02	1.65E-03
	140	48	20	9	4	28	15	1.08E-03	4.07E-04	6.58E-03	1.66E-03	1.77E-04	5.20E-03	6.08E-04
	140	48	20	9	4	30	16	7.85E-04	3.02E-04	6.44E-03	9.75E-04	1.09E-04	5.75E-03	6.44E-04
	140	48	20	9	4	32	17	4.04E-04	1.53E-04	1.81E-03	5.34E-04	6.37E-05	1.84E-03	2.03E-04
	140	48	20	9	4	17	9	1.56E-01	2.98E-02	4.75E-01	4.14E-01	4.47E-02	3.68E-01	5.46E-02
	140	48	20	9	4	19	10	1.16E-01	3.35E-02	9.98E-01	3.00E-01	3.02E-02	7.29E-01	1.01E-01
	140	48	20	9	4	21	11	1.24E-01	1.83E-02	3.56E-01	2.24E-01	2.19E-02	2.57E-01	3.31E-02
	140	48	20	9	4	23	12	1.75E-01	3.09E-02	6.43E-01	1.70E-01	1.66E-02	4.75E-01	5.68E-02
	140	48	20	9	4	25	13	7.75E-02	1.65E-02	2.20E-01	1.28E-01	1.28E-02	1.71E-01	1.90E-02
	140	48	20	9	4	27	14	1.31E-01	1.81E-02	2.88E-01	9.40E-02	9.71E-03	2.41E-01	2.48E-02
	140	48	20	9	4	29	15	3.89E-02	1.14E-02	9.75E-02	6.63E-02	7.00E-03	8.88E-02	8.63E-03
	140	48	20	9	4	31	16	4.95E-02	1.53E-02	1.02E-01	4.43E-02	4.70E-03	1.02E-01	9.59E-03
	140	48	20	9	4	33	17	1.30E-02	2.50E-03	2.68E-02	2.77E-02	2.91E-03	3.02E-02	2.81E-03
	140	48	20	9	4	35	18	1.50E-02	2.28E-03	2.31E-02	1.59E-02	1.66E-03	2.96E-02	2.86E-03
	140	48	20	9	4	37	19	4.51E-03	1.21E-03	4.30E-03	7.92E-03	8.65E-04	6.35E-03	6.54E-04
	140	48	20	9	4	39	20	3.29E-03	5.61E-04	2.92E-03	3.04E-03	3.65E-04	5.07E-03	5.72E-04
	140	48	20	9	4	41	21	3.99E-04	1.09E-04	3.93E-04	6.62E-04	9.25E-05	8.21E-04	1.03E-04
	140	48	20	9	4	12	6	8.31E+00	1.30E+00	4.15E+00	5.44E+00	7.19E-01	7.86E+00	1.32E+00
	140	48	20	9	4	14	7	3.53E+00	6.57E-01	2.43E+00	3.89E+00	4.43E-01	3.40E+00	5.12E-01
	140	48	20	9	4	16	8	6.86E+00	9.44E-01	4.83E+00	3.00E+00	3.05E-01	5.47E+00	7.53E-01
	140	48	20	9	4	18	9	1.56E+00	1.69E-01	2.57E+00	2.45E+00	2.33E-01	2.54E+00	3.24E-01
	140	48	20	9	4	20	10	3.19E+00	4.17E-01	4.26E+00	2.10E+00	1.94E-01	3.89E+00	4.61E-01
	140	48	20	9	4	22	11	2.10E+00	3.67E-01	2.35E+00	1.84E+00	1.71E-01	2.08E+00	2.28E-01
	140	48	20	9	4	24	12	4.87E+00	4.80E-01	3.45E+00	1.63E+00	1.57E-01	3.04E+00	3.08E-01
	140	48	20	9	4	26	13	2.21E+00	1.92E-01	1.67E+00	1.42E+00	1.43E-01	1.51E+00	1.42E-01
	140	48	20	9	4	28	14	5.00E+00	6.27E-01	2.04E+00	1.21E+00	1.26E-01	1.94E+00	1.69E-01
	140	48	20	9	4	30	15	1.17E+00	8.11E-02	9.41E-01	9.91E-01	1.05E-01	9.55E-01	7.91E-02
	140	48	20	9	4	32	16	1.88E+00	1.21E-01	8.83E-01	7.71E-01	8.05E-02	9.71E-01	7.88E-02
	140	48	20	9	4	34	17	5.91E-01	3.52E-02	3.41E-01	5.64E-01	5.63E-02	4.13E-01	3.43E-02
	140	48	20	9	4	36	18	8.15E-01	5.03E-02	2.47E-01	3.81E-01	3.57E-02	3.35E-01	2.94E-02
	140	48	20	9	4	38	19	2.28E-01	1.54E-02	6.87E-02	2.24E-01	2.04E-02	1.06E-01	1.02E-02
	140	48	20	9	4	40	20	2.56E-01	1.74E-02	3.59E-02	9.98E-02	9.54E-03	6.48E-02	6.88E-03
	140	48	20	9	4	42	21	3.67E-02	4.56E-03	5.06E-03	2.36E-02	2.64E-03	1.09E-02	1.30E-03
	140	48	20	9	4	44	22	5.41E-03	4.37E-04	6.24E-04	1.49E-03	2.14E-04	1.65E-03	2.23E-04
	140	48	20	9	4	11	5	1.45E+01	9.95E-01	2.71E+00	8.74E+00	1.14E+00	1.01E+01	1.69E+00
	140	48	20	9	4	13	6	8.58E+00	6.27E-01	1.62E+00	6.91E+00	7.48E-01	3.94E+00	5.72E-01
	140	48	20	9	4	15	7	1.16E+01	8.40E-01	4.91E+00	5.94E+00	5.53E-01	8.73E+00	1.14E+00
	140	48	20	9	4	17	8	4.93E+00	3.55E-01	3.67E+00	5.48E+00	4.61E-01	5.21E+00	6.22E-01
	140	48	20	9	4	19	9	5.02E+00	3.48E-01	6.93E+00	5.34E+00	4.28E-01	8.42E+00	9.31E-01
	140	48	20	9	4	21	10	6.82E+00	4.52E-01	5.56E+00	5.41E+00	4.33E-01	6.11E+00	6.27E-01
	140	48	20	9	4	23	11	9.40E+00	5.95E-01	8.11E+00	5.60E+00	4.62E-01	8.42E+00	7.99E-01
	140	48	20	9	4	25	12	9.74E+00	5.88E-01	6.64E+00	5.82E+00	5.06E-01	6.74E+00	5.90E-01
	140	48	20	9	4	27	13	1.28E+01	7.33E-01	7.22E+00	5.97E+00	5.48E-01	7.36E+00	5.98E-01
	140	48	20	9	4	29	14	1.27E+01	7.00E-01	6.02E+00	5.97E+00	5.73E-01	6.30E+00	4.81E-01
	140	48	20	9	4	31	15	1.13E+01	5.93E-01	4.99E+00	5.74E+00	5.64E-01	5.46E+00	4.05E-01
	140	48	20	9	4	33	16	9.31E+00	4.74E-01	3.77E+00	5.28E+00	5.12E-01	4.39E+00	3.29E-01
	140	48	20	9	4	35	17	7.85E+00	3.88E-01	2.44E+00	4.60E+00	4.25E-01	3.08E+00	2.43E-01
	140	48	20	9	4	37	18	5.57E+00	2.88E-01	1.42E+00	3.73E+00	3.20E-01	1.99E+00	1.69E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	48	20	9	4	39	19	3.83E+00	2.12E-01	6.56E-01	2.65E+00	2.15E-01	1.03E+00	9.66E-02	
140	48	20	9	4	41	20	2.40E+00	1.49E-01	2.79E-01	1.38E+00	1.18E-01	5.08E-01	5.25E-02	
140	48	20	9	4	43	21	5.82E-01	3.70E-02	4.76E-02	3.51E-01	3.55E-02	1.03E-01	1.18E-02	
140	48	20	9	4	45	22	3.56E-02	2.18E-03	2.78E-03	2.00E-02	2.63E-03	7.23E-03	9.51E-04	
140	48	20	9	4	12	5	2.51E+00	1.77E-01	2.69E-01	3.92E+00	4.42E-01	1.25E+00	1.83E-01	
140	48	20	9	4	14	6	4.40E+00	3.08E-01	1.22E+00	3.72E+00	3.46E-01	3.70E+00	4.72E-01	
140	48	20	9	4	16	7	1.96E+00	1.24E-01	9.64E-01	3.83E+00	3.05E-01	2.11E+00	2.42E-01	
140	48	20	9	4	18	8	4.14E+00	2.63E-01	2.39E+00	4.21E+00	3.04E-01	4.11E+00	4.34E-01	
140	48	20	9	4	20	9	4.55E+00	2.81E-01	2.49E+00	4.88E+00	3.34E-01	3.60E+00	3.52E-01	
140	48	20	9	4	22	10	7.78E+00	4.53E-01	5.75E+00	5.86E+00	3.96E-01	7.35E+00	6.68E-01	
140	48	20	9	4	24	11	7.18E+00	4.01E-01	5.59E+00	7.16E+00	4.94E-01	6.60E+00	5.55E-01	
140	48	20	9	4	26	12	1.26E+01	6.62E-01	1.07E+01	8.77E+00	6.33E-01	1.21E+01	9.43E-01	
140	48	20	9	4	28	13	1.17E+01	5.98E-01	9.38E+00	1.06E+01	8.10E-01	1.04E+01	7.65E-01	
140	48	20	9	4	30	14	2.02E+01	9.82E-01	1.40E+01	1.25E+01	1.01E+00	1.56E+01	1.11E+00	
140	48	20	9	4	32	15	1.60E+01	7.64E-01	1.00E+01	1.42E+01	1.19E+00	1.15E+01	8.16E-01	
140	48	20	9	4	34	16	2.08E+01	9.87E-01	1.24E+01	1.56E+01	1.30E+00	1.48E+01	1.10E+00	
140	48	20	9	4	36	17	1.65E+01	7.91E-01	6.86E+00	1.64E+01	1.32E+00	8.76E+00	6.97E-01	
140	48	20	9	4	38	18	1.68E+01	8.95E-01	6.87E+00	1.61E+01	1.23E+00	9.58E+00	8.28E-01	
140	48	20	9	4	40	19	1.15E+01	6.80E-01	2.85E+00	1.38E+01	1.04E+00	4.44E+00	4.18E-01	
140	48	20	9	4	42	20	9.32E+00	5.28E-01	1.58E+00	8.37E+00	6.89E-01	2.81E+00	2.89E-01	
140	48	20	9	4	44	21	2.58E+00	1.68E-01	2.39E-01	2.25E+00	2.23E-01	4.95E-01	5.62E-02	
140	48	20	9	4	46	22	1.05E-01	6.43E-03	8.03E-03	1.10E-01	1.43E-02	1.96E-02	2.55E-03	
140	48	20	9	4	13	5	7.75E-01	7.01E-02	1.68E-01	9.01E-01	9.87E-02	9.44E-01	1.24E-01	
140	48	20	9	4	15	6	4.73E-01	3.67E-02	1.14E-01	1.02E+00	9.41E-02	4.17E-01	4.80E-02	
140	48	20	9	4	17	7	1.10E+00	7.36E-02	4.14E-01	1.24E+00	1.01E-01	1.08E+00	1.12E-01	
140	48	20	9	4	19	8	1.15E+00	7.03E-02	4.38E-01	1.62E+00	1.20E-01	8.80E-01	8.48E-02	
140	48	20	9	4	21	9	2.31E+00	1.31E-01	1.32E+00	2.22E+00	1.53E-01	2.18E+00	1.95E-01	
140	48	20	9	4	23	10	2.39E+00	1.35E-01	1.51E+00	3.13E+00	2.04E-01	2.17E+00	1.80E-01	
140	48	20	9	4	25	11	4.56E+00	2.45E-01	3.82E+00	4.50E+00	2.82E-01	4.94E+00	3.83E-01	
140	48	20	9	4	27	12	5.16E+00	2.67E-01	4.35E+00	6.47E+00	4.00E-01	5.27E+00	3.85E-01	
140	48	20	9	4	29	13	8.63E+00	4.23E-01	1.00E+01	9.19E+00	5.78E-01	1.17E+01	8.23E-01	
140	48	20	9	4	31	14	1.02E+01	4.88E-01	9.86E+00	1.28E+01	8.38E-01	1.13E+01	7.94E-01	
140	48	20	9	4	33	15	1.51E+01	6.90E-01	1.92E+01	1.73E+01	1.18E+00	2.21E+01	1.61E+00	
140	48	20	9	4	35	16	1.69E+01	7.71E-01	1.41E+01	2.27E+01	1.59E+00	1.67E+01	1.29E+00	
140	48	20	9	4	37	17	2.14E+01	1.04E+00	2.07E+01	2.88E+01	2.00E+00	2.59E+01	2.15E+00	
140	48	20	9	4	39	18	2.13E+01	1.13E+00	1.27E+01	3.45E+01	2.37E+00	1.71E+01	1.53E+00	
140	48	20	9	4	41	19	2.01E+01	1.15E+00	1.07E+01	3.55E+01	2.54E+00	1.60E+01	1.53E+00	
140	48	20	9	4	43	20	1.67E+01	1.09E+00	4.54E+00	2.46E+01	2.03E+00	7.60E+00	7.81E-01	
140	48	20	9	4	45	21	5.53E+00	4.39E-01	9.62E-01	6.72E+00	6.68E-01	1.83E+00	2.06E-01	
140	48	20	9	4	47	22	1.08E-01	6.53E-03	1.46E-02	2.64E-01	3.51E-02	3.17E-02	4.17E-03	
140	48	20	9	4	14	5	4.01E-02	3.43E-03	9.22E-03	1.27E-01	1.49E-02	6.10E-02	7.48E-03	
140	48	20	9	4	16	6	1.77E-01	1.34E-02	4.09E-02	1.68E-01	1.75E-02	1.73E-01	1.88E-02	
140	48	20	9	4	18	7	2.31E-01	3.47E-02	4.57E-02	2.42E-01	2.29E-02	1.36E-01	1.34E-02	
140	48	20	9	4	20	8	4.23E-01	7.19E-02	1.61E-01	3.69E-01	3.25E-02	3.64E-01	3.31E-02	
140	48	20	9	4	22	9	5.37E-01	3.31E-02	2.08E-01	5.91E-01	4.83E-02	3.81E-01	3.22E-02	
140	48	20	9	4	24	10	9.09E-01	5.38E-02	6.69E-01	9.76E-01	7.35E-02	1.04E+00	8.20E-02	
140	48	20	9	4	26	11	1.23E+00	6.89E-02	8.82E-01	1.64E+00	1.13E-01	1.21E+00	8.99E-02	
140	48	20	9	4	28	12	2.26E+00	1.20E-01	2.64E+00	2.75E+00	1.73E-01	3.30E+00	2.36E-01	
140	48	20	9	4	30	13	2.72E+00	1.36E-01	3.23E+00	4.57E+00	2.72E-01	3.81E+00	2.69E-01	
140	48	20	9	4	32	14	4.98E+00	2.45E-01	8.83E+00	7.46E+00	4.39E-01	1.01E+01	7.29E-01	
140	48	20	9	4	34	15	6.90E+00	3.31E-01	9.19E+00	1.19E+01	7.20E-01	1.04E+01	7.90E-01	
140	48	20	9	4	36	16	1.16E+01	5.47E-01	2.15E+01	1.87E+01	1.17E+00	2.46E+01	2.00E+00	
140	48	20	9	4	38	17	1.39E+01	7.33E-01	1.87E+01	2.87E+01	1.84E+00	2.22E+01	1.93E+00	
140	48	20	9	4	40	18	2.07E+01	1.18E+00	2.77E+01	4.14E+01	2.75E+00	3.50E+01	3.23E+00	
140	48	20	9	4	42	19	2.31E+01	1.41E+00	1.75E+01	5.06E+01	3.64E+00	2.39E+01	2.32E+00	
140	48	20	9	4	44	20	2.39E+01	1.98E+00	1.32E+01	3.91E+01	3.28E+00	1.99E+01	2.04E+00	
140	48	20	9	4	46	21	6.38E+00	3.15E-01	2.05E+00	1.02E+01	1.03E+00	3.40E+00	3.84E-01	
140	48	20	9	4	48	22	7.18E-02	4.41E-03	2.55E-02	2.96E-01	4.20E-02	4.56E-02	6.31E-03	
140	48	20	9	4	17	6	1.41E-02	1.45E-03	2.68E-03	1.97E-02	2.31E-03	1.28E-02	1.35E-03	
140	48	20	9	4	19	7	6.45E-02	7.56E-03	1.27E-02	3.28E-02	3.60E-03	4.20E-02	4.05E-03	
140	48	20	9	4	21	8	5.95E-02	4.91E-03	1.68E-02	5.81E-02	6.01E-03	4.13E-02	3.68E-03	
140	48	20	9	4	23	9	1.56E-01	1.26E-02	6.94E-02	1.08E-01	1.04E-02	1.35E-01	1.12E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	48	20	9	4	25	10	1.44E-01	1.17E-02	9.28E-02	2.06E-01	1.84E-02	1.50E-01	1.17E-02	
140	48	20	9	4	27	11	3.82E-01	2.33E-02	3.92E-01	4.00E-01	3.23E-02	5.49E-01	4.06E-02	
140	48	20	9	4	29	12	3.84E-01	2.23E-02	5.02E-01	7.78E-01	5.62E-02	6.29E-01	4.55E-02	
140	48	20	9	4	31	13	1.14E+00	5.74E-02	1.97E+00	1.50E+00	9.83E-02	2.28E+00	1.66E-01	
140	48	20	9	4	33	14	1.37E+00	7.28E-02	2.25E+00	2.87E+00	1.77E-01	2.47E+00	1.87E-01	
140	48	20	9	4	35	15	3.79E+00	1.87E-01	8.16E+00	5.40E+00	3.30E-01	8.71E+00	7.01E-01	
140	48	20	9	4	37	16	5.62E+00	2.79E-01	9.27E+00	1.01E+01	6.30E-01	9.87E+00	8.45E-01	
140	48	20	9	4	39	17	1.10E+01	5.70E-01	2.25E+01	1.84E+01	1.20E+00	2.45E+01	2.22E+00	
140	48	20	9	4	41	18	1.71E+01	9.62E-01	2.27E+01	3.18E+01	2.16E+00	2.58E+01	2.43E+00	
140	48	20	9	4	43	19	2.82E+01	1.88E+00	3.45E+01	4.50E+01	3.34E+00	4.16E+01	4.02E+00	
140	48	20	9	4	45	20	3.06E+01	2.04E+00	1.89E+01	3.71E+01	3.19E+00	2.43E+01	2.46E+00	
140	48	20	9	4	47	21	8.38E+00	4.76E-01	6.61E+00	8.69E+00	9.05E-01	8.91E+00	1.03E+00	
140	48	20	9	4	20	7	6.22E-03	1.12E-03	8.82E-04	3.52E-03	4.27E-04	3.11E-03	3.03E-04	
140	48	20	9	4	22	8	1.10E-02	1.79E-03	4.07E-03	7.16E-03	8.24E-04	1.05E-02	9.43E-04	
140	48	20	9	4	24	9	1.69E-02	2.43E-03	6.91E-03	1.52E-02	1.65E-03	1.38E-02	1.15E-03	
140	48	20	9	4	26	10	3.15E-02	2.44E-03	3.00E-02	3.33E-02	3.35E-03	4.89E-02	3.83E-03	
140	48	20	9	4	28	11	5.96E-02	5.22E-03	4.87E-02	7.42E-02	6.76E-03	6.71E-02	5.06E-03	
140	48	20	9	4	30	12	1.37E-01	9.59E-03	2.21E-01	1.66E-01	1.35E-02	2.68E-01	2.00E-02	
140	48	20	9	4	32	13	2.24E-01	1.35E-02	2.96E-01	3.70E-01	2.70E-02	3.24E-01	2.48E-02	
140	48	20	9	4	34	14	5.67E-01	3.06E-02	1.53E+00	8.20E-01	5.52E-02	1.56E+00	1.24E-01	
140	48	20	9	4	36	15	1.19E+00	6.11E-02	2.02E+00	1.81E+00	1.18E-01	1.97E+00	1.66E-01	
140	48	20	9	4	38	16	2.96E+00	1.57E-01	6.98E+00	3.96E+00	2.61E-01	6.69E+00	5.93E-01	
140	48	20	9	4	40	17	5.98E+00	3.38E-01	1.00E+01	8.58E+00	5.79E-01	9.64E+00	8.87E-01	
140	48	20	9	4	42	18	1.42E+01	8.77E-01	2.57E+01	1.73E+01	1.21E+00	2.53E+01	2.37E+00	
140	48	20	9	4	44	19	2.46E+01	2.07E+00	2.96E+01	2.76E+01	2.10E+00	2.99E+01	2.84E+00	
140	48	20	9	4	46	20	4.57E+01	3.28E+00	4.18E+01	2.30E+01	2.03E+00	4.30E+01	4.36E+00	
140	48	20	9	4	48	21	5.26E+00	5.68E-01	1.07E+01	4.43E+00	4.93E-01	1.08E+01	1.36E+00	
140	48	20	9	4	23	8	3.04E-04	6.58E-05	2.50E-04	7.56E-04	9.25E-05	6.53E-04	6.03E-05	
140	48	20	9	4	25	9	1.66E-03	2.83E-04	1.90E-03	1.83E-03	2.11E-04	3.76E-03	3.22E-04	
140	48	20	9	4	27	10	1.42E-03	1.91E-04	2.40E-03	4.55E-03	4.87E-04	3.79E-03	3.06E-04	
140	48	20	9	4	29	11	1.57E-02	1.87E-03	1.63E-02	1.15E-02	1.12E-03	2.14E-02	1.67E-03	
140	48	20	9	4	31	12	2.30E-02	2.61E-03	2.20E-02	2.94E-02	2.57E-03	2.48E-02	1.93E-03	
140	48	20	9	4	33	13	8.89E-02	6.36E-03	1.55E-01	7.52E-02	5.88E-03	1.55E-01	1.23E-02	
140	48	20	9	4	35	14	1.19E-01	9.81E-03	2.24E-01	1.92E-01	1.38E-02	2.05E-01	1.71E-02	
140	48	20	9	4	37	15	5.04E-01	2.76E-02	1.11E+00	4.90E-01	3.36E-02	9.57E-01	8.33E-02	
140	48	20	9	4	39	16	1.08E+00	5.37E-02	1.92E+00	1.25E+00	8.54E-02	1.59E+00	1.43E-01	
140	48	20	9	4	41	17	3.78E+00	2.01E-01	7.39E+00	3.15E+00	2.17E-01	6.02E+00	5.52E-01	
140	48	20	9	4	43	18	8.61E+00	5.03E-01	1.28E+01	7.27E+00	5.14E-01	1.04E+01	9.48E-01	
140	48	20	9	4	45	19	2.61E+01	1.78E+00	3.69E+01	1.25E+01	9.66E-01	2.94E+01	2.74E+00	
140	48	20	9	4	47	20	7.59E+01	6.11E+00	5.77E+01	9.88E+00	9.19E-01	4.40E+01	4.68E+00	
140	48	20	9	4	49	21	1.14E+00	2.17E-01	2.41E+01	1.42E+00	1.79E-01	1.67E+01	2.48E+00	
140	48	20	9	4	26	9	1.29E-04	5.10E-05	8.49E-05	1.98E-04	2.38E-05	1.61E-04	1.43E-05	
140	48	20	9	4	28	10	5.88E-04	7.81E-05	6.80E-04	5.56E-04	6.21E-05	1.00E-03	8.42E-05	
140	48	20	9	4	30	11	1.84E-03	1.83E-04	1.07E-03	1.59E-03	1.62E-04	1.28E-03	1.04E-04	
140	48	20	9	4	32	12	6.20E-03	5.07E-04	8.26E-03	4.61E-03	4.21E-04	8.36E-03	6.80E-04	
140	48	20	9	4	34	13	1.28E-02	9.53E-04	1.49E-02	1.34E-02	1.10E-03	1.31E-02	1.09E-03	
140	48	20	9	4	36	14	4.28E-02	2.90E-03	9.51E-02	3.91E-02	2.92E-03	7.54E-02	6.48E-03	
140	48	20	9	4	38	15	1.34E-01	9.08E-03	1.96E-01	1.15E-01	8.12E-03	1.43E-01	1.27E-02	
140	48	20	9	4	40	16	4.89E-01	3.07E-02	9.81E-01	3.37E-01	2.33E-02	6.75E-01	6.08E-02	
140	48	20	9	4	42	17	1.54E+00	9.02E-02	2.36E+00	9.68E-01	6.67E-02	1.55E+00	1.39E-01	
140	48	20	9	4	44	18	5.60E+00	3.81E-01	1.01E+01	2.47E+00	1.75E-01	6.33E+00	5.62E-01	
140	48	20	9	4	46	19	2.19E+01	9.44E-01	1.97E+01	4.36E+00	3.51E-01	1.15E+01	1.09E+00	
140	48	20	9	4	29	10	3.94E-05	1.32E-05	3.12E-05	6.33E-05	7.42E-06	4.15E-05	3.66E-06	
140	48	20	9	4	31	11	3.05E-04	5.07E-05	2.91E-04	2.04E-04	2.19E-05	3.09E-04	2.65E-05	
140	48	20	9	4	33	12	4.98E-04	8.35E-05	5.24E-04	6.65E-04	6.43E-05	4.60E-04	3.93E-05	
140	48	20	9	4	35	13	3.78E-03	2.51E-04	5.07E-03	2.18E-03	1.89E-04	3.81E-03	3.29E-04	
140	48	20	9	4	37	14	6.19E-03	4.20E-04	1.05E-02	7.22E-03	5.69E-04	6.95E-03	6.13E-04	
140	48	20	9	4	39	15	4.11E-02	2.43E-03	7.35E-02	2.40E-02	1.77E-03	4.38E-02	3.91E-03	
140	48	20	9	4	41	16	1.04E-01	6.78E-03	2.00E-01	7.98E-02	5.65E-03	1.09E-01	9.68E-03	
140	48	20	9	4	43	17	6.53E-01	4.36E-02	1.33E+00	2.55E-01	1.78E-02	6.68E-01	5.83E-02	
140	48	20	9	4	45	18	2.30E+00	1.01E-01	3.01E+00	6.96E-01	5.11E-02	1.37E+00	1.22E-01	
140	48	20	9	4	47	19	1.91E+01	4.30E+00	2.06E+01	1.19E+00	1.06E-01	8.29E+00	8.84E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	48	20	9	4	49	20	7.68E-01	7.71E-02	1.95E+02	6.64E-01	8.14E-02	7.04E+01	1.10E+01
	140	48	20	9	4	34	12	8.06E-05	1.42E-05	1.51E-04	8.93E-05	9.57E-06	1.11E-04	1.00E-05
	140	48	20	9	4	36	13	3.18E-04	3.96E-05	3.30E-04	3.29E-04	3.17E-05	2.03E-04	1.83E-05
	140	48	20	9	4	38	14	1.57E-03	9.83E-05	3.14E-03	1.22E-03	1.06E-04	1.66E-03	1.51E-04
	140	48	20	9	4	40	15	6.12E-03	3.45E-04	9.13E-03	4.55E-03	3.63E-04	4.23E-03	3.82E-04
	140	48	20	9	4	42	16	2.76E-02	1.56E-03	8.84E-02	1.68E-02	1.26E-03	3.62E-02	3.21E-03
	140	48	20	9	4	44	17	1.56E-01	9.20E-03	2.51E-01	5.80E-02	4.27E-03	9.04E-02	8.00E-03
	140	48	20	9	4	46	18	1.08E+00	6.61E-02	1.34E+00	1.61E-01	1.31E-02	4.17E-01	4.12E-02
	140	48	20	9	4	48	19	3.50E-01	3.55E-02	6.22E+00	2.48E-01	2.63E-02	1.73E+00	2.33E-01
	140	48	20	9	4	50	20	1.40E-02	2.13E-03	1.78E+02	1.01E-01	1.54E-02	5.99E+01	1.23E+01
	140	48	20	9	4	37	13	7.33E-05	1.92E-05	9.01E-05	4.59E-05	5.17E-06	4.34E-05	4.18E-06
	140	48	20	9	4	39	14	1.18E-04	1.63E-05	2.20E-04	1.89E-04	1.90E-05	8.88E-05	8.46E-06
	140	48	20	9	4	41	15	1.25E-03	7.36E-05	3.09E-03	7.77E-04	7.01E-05	1.06E-03	9.91E-05
	140	48	20	9	4	43	16	2.78E-03	1.43E-04	1.15E-02	3.10E-03	2.58E-04	3.33E-03	3.09E-04
	140	48	20	9	4	45	17	3.43E-02	1.70E-03	7.71E-02	1.11E-02	9.22E-04	1.90E-02	1.87E-03
	140	48	20	9	4	47	18	1.45E-02	3.40E-03	1.66E-01	2.98E-02	2.88E-03	3.60E-02	4.42E-03
	140	48	20	9	4	49	19	1.59E-02	1.02E-02	5.10E-01	3.83E-02	5.06E-03	1.36E-01	2.40E-02
	140	48	20	9	4	51	20	1.02E-03	1.82E-04	5.29E+00	1.01E-02	1.97E-03	7.71E+00	2.34E+00
	140	48	20	9	4	38	13	2.64E-06	9.27E-07	3.42E-06	5.82E-06	8.03E-07	1.24E-06	1.30E-07
	140	48	20	9	4	40	14	2.79E-05	4.06E-06	5.94E-05	2.63E-05	3.20E-06	1.75E-05	1.81E-06
	140	48	20	9	4	42	15	1.19E-04	1.08E-05	2.79E-04	1.16E-04	1.25E-05	6.71E-05	6.87E-06
	140	48	20	9	4	44	16	5.14E-04	3.43E-05	2.83E-03	4.86E-04	4.76E-05	5.60E-04	5.92E-05
	140	48	20	9	4	46	17	9.16E-04	4.79E-05	4.95E-03	1.74E-03	1.74E-04	8.53E-04	1.03E-04
	140	48	20	9	4	48	18	1.06E-03	8.83E-05	5.89E-03	4.20E-03	5.11E-04	1.25E-03	1.99E-04
	140	48	20	9	4	50	19	1.13E-02	8.88E-04	1.09E-04	4.11E-03	6.97E-04	1.33E-04	3.60E-05
	140	48	20	9	4	41	14	1.84E-06	8.25E-07	3.33E-06	3.18E-06	4.86E-07	6.78E-07	7.99E-08
	140	48	20	9	4	43	15	1.26E-05	2.21E-06	5.85E-05	1.48E-05	1.99E-06	9.47E-06	1.13E-06
	140	48	20	9	4	45	16	1.42E-05	2.97E-06	1.41E-04	6.24E-05	7.72E-06	1.95E-05	2.51E-06
	140	48	20	9	4	47	17	2.95E-05	6.25E-06	1.73E-04	2.10E-04	2.72E-05	2.97E-05	4.54E-06
	140	48	20	9	4	49	18	3.01E-04	5.42E-05	7.12E-07	4.26E-04	6.82E-05	7.16E-07	1.81E-07
[21]	140	48	20	181	73	17	9	3.54E-01	1.10E-01	1.72E+00	2.02E+00	2.38E-01	2.66E+00	4.87E-01
	140	48	20	181	73	19	10	5.22E-01	1.09E-01	3.36E+00	1.39E+00	1.57E-01	4.02E+00	5.79E-01
	140	48	20	181	73	21	11	4.06E-01	8.69E-02	1.12E+00	9.68E-01	1.04E-01	1.03E+00	1.28E-01
	140	48	20	181	73	23	12	5.92E-01	9.72E-02	1.87E+00	6.75E-01	6.94E-02	1.34E+00	1.66E-01
	140	48	20	181	73	25	13	2.59E-01	6.31E-02	5.95E-01	4.68E-01	4.65E-02	3.42E-01	4.61E-02
	140	48	20	181	73	27	14	3.31E-01	6.30E-02	7.25E-01	3.21E-01	3.13E-02	3.47E-01	5.19E-02
	140	48	20	181	73	29	15	1.00E-01	2.33E-02	2.28E-01	2.15E-01	2.11E-02	9.68E-02	1.57E-02
	140	48	20	181	73	31	16	1.07E-01	2.19E-02	2.21E-01	1.39E-01	1.42E-02	9.00E-02	1.52E-02
	140	48	20	181	73	33	17	2.59E-02	6.38E-03	5.41E-02	8.48E-02	9.51E-03	2.32E-02	3.95E-03
	140	48	20	181	73	35	18	2.89E-02	4.54E-03	4.35E-02	4.74E-02	6.01E-03	2.21E-02	3.67E-03
	140	48	20	181	73	37	19	7.48E-03	1.18E-03	7.51E-03	2.25E-02	3.23E-03	5.11E-03	8.14E-04
	140	48	20	181	73	12	6	4.75E+01	7.93E+00	1.80E+01	1.91E+01	2.29E+00	5.91E+01	1.71E+01
	140	48	20	181	73	14	7	1.56E+01	1.56E+00	9.82E+00	1.45E+01	1.56E+00	2.58E+01	6.06E+00
	140	48	20	181	73	16	8	2.59E+01	1.79E+00	1.81E+01	1.13E+01	1.15E+00	3.68E+01	6.96E+00
	140	48	20	181	73	18	9	5.61E+00	6.66E-01	8.98E+00	8.99E+00	8.70E-01	1.39E+01	2.09E+00
	140	48	20	181	73	20	10	9.65E+00	1.10E+00	1.38E+01	7.24E+00	6.74E-01	1.61E+01	2.00E+00
	140	48	20	181	73	22	11	6.15E+00	4.43E-01	7.11E+00	5.88E+00	5.30E-01	6.31E+00	6.94E-01
	140	48	20	181	73	24	12	1.21E+01	9.82E-01	9.67E+00	4.78E+00	4.23E-01	6.68E+00	7.30E-01
	140	48	20	181	73	26	13	5.26E+00	4.30E-01	4.35E+00	3.86E+00	3.41E-01	2.44E+00	2.83E-01
	140	48	20	181	73	28	14	1.03E+01	7.64E-01	4.95E+00	3.09E+00	2.74E-01	2.37E+00	2.99E-01
	140	48	20	181	73	30	15	2.40E+00	1.64E-01	2.12E+00	2.42E+00	2.16E-01	9.42E-01	1.26E-01
	140	48	20	181	73	32	16	3.42E+00	2.13E-01	1.85E+00	1.83E+00	1.64E-01	8.33E-01	1.15E-01
	140	48	20	181	73	34	17	1.06E+00	5.00E-02	6.65E-01	1.33E+00	1.21E-01	3.39E-01	4.66E-02
	140	48	20	181	73	36	18	1.34E+00	8.14E-02	4.47E-01	8.80E-01	8.53E-02	2.91E-01	3.92E-02
	140	48	20	181	73	38	19	3.53E-01	5.06E-02	1.16E-01	4.96E-01	5.25E-02	1.09E-01	1.44E-02
	140	48	20	181	73	40	20	3.69E-01	2.80E-02	5.63E-02	1.97E-01	2.26E-02	8.70E-02	1.16E-02
	140	48	20	181	73	42	21	4.99E-02	3.96E-03	7.37E-03	3.68E-02	4.55E-03	2.03E-02	2.96E-03
	140	48	20	181	73	44	22	6.05E-03	1.87E-03	8.46E-04	1.50E-03	2.15E-04	4.22E-03	7.40E-04
	140	48	20	181	73	11	5	7.47E+01	4.18E+00	1.22E+01	2.33E+01	2.77E+00	5.72E+01	1.49E+01
	140	48	20	181	73	13	6	4.28E+01	3.17E+00	6.77E+00	2.02E+01	2.04E+00	2.50E+01	5.47E+00
	140	48	20	181	73	15	7	4.75E+01	3.08E+00	1.91E+01	1.82E+01	1.66E+00	5.36E+01	9.81E+00
	140	48	20	181	73	17	8	1.83E+01	1.19E+00	1.33E+01	1.67E+01	1.44E+00	2.78E+01	4.22E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	48	20	181	73	19	9	1.71E+01	1.33E+00	2.33E+01	1.56E+01	1.29E+00	3.59E+01	4.56E+00	
140	48	20	181	73	21	10	2.11E+01	1.15E+00	1.74E+01	1.48E+01	1.19E+00	1.99E+01	2.16E+00	
140	48	20	181	73	23	11	2.53E+01	1.54E+00	2.36E+01	1.41E+01	1.13E+00	2.04E+01	2.01E+00	
140	48	20	181	73	25	12	2.42E+01	1.19E+00	1.80E+01	1.35E+01	1.10E+00	1.22E+01	1.17E+00	
140	48	20	181	73	27	13	2.81E+01	1.38E+00	1.82E+01	1.29E+01	1.10E+00	1.02E+01	1.01E+00	
140	48	20	181	73	29	14	2.58E+01	1.24E+00	1.41E+01	1.21E+01	1.08E+00	7.00E+00	7.29E-01	
140	48	20	181	73	31	15	2.04E+01	1.54E+00	1.09E+01	1.13E+01	1.02E+00	5.25E+00	5.70E-01	
140	48	20	181	73	33	16	1.56E+01	9.32E-01	7.62E+00	1.02E+01	9.15E-01	3.97E+00	4.42E-01	
140	48	20	181	73	35	17	1.27E+01	7.23E-01	4.58E+00	8.82E+00	7.77E-01	2.91E+00	3.25E-01	
140	48	20	181	73	37	18	8.64E+00	4.89E-01	2.49E+00	7.08E+00	6.24E-01	2.18E+00	2.43E-01	
140	48	20	181	73	39	19	5.49E+00	3.35E-01	1.07E+00	4.82E+00	4.43E-01	1.45E+00	1.64E-01	
140	48	20	181	73	41	20	3.52E+00	2.31E-01	4.21E-01	2.24E+00	2.22E-01	9.79E-01	1.18E-01	
140	48	20	181	73	43	21	8.31E-01	6.45E-02	6.70E-02	4.52E-01	4.95E-02	2.75E-01	3.88E-02	
140	48	20	181	73	45	22	6.01E-02	2.36E-02	3.64E-03	1.67E-02	2.20E-03	2.44E-02	4.40E-03	
140	48	20	181	73	12	5	1.48E+01	8.19E-01	1.17E+00	9.50E+00	1.02E+00	6.39E+00	1.23E+00	
140	48	20	181	73	14	6	2.11E+01	1.22E+00	4.93E+00	9.76E+00	8.96E-01	2.02E+01	3.35E+00	
140	48	20	181	73	16	7	8.80E+00	4.64E-01	3.62E+00	1.03E+01	8.63E-01	1.08E+01	1.56E+00	
140	48	20	181	73	18	8	1.54E+01	8.37E-01	8.34E+00	1.12E+01	8.72E-01	1.79E+01	2.25E+00	
140	48	20	181	73	20	9	1.54E+01	8.39E-01	8.09E+00	1.23E+01	9.03E-01	1.25E+01	1.37E+00	
140	48	20	181	73	22	10	2.29E+01	1.21E+00	1.74E+01	1.37E+01	9.63E-01	1.96E+01	1.92E+00	
140	48	20	181	73	24	11	1.87E+01	9.59E-01	1.57E+01	1.54E+01	1.08E+00	1.34E+01	1.20E+00	
140	48	20	181	73	26	12	2.87E+01	1.47E+00	2.79E+01	1.74E+01	1.27E+00	1.89E+01	1.62E+00	
140	48	20	181	73	28	13	2.48E+01	1.14E+00	2.28E+01	1.95E+01	1.54E+00	1.31E+01	1.12E+00	
140	48	20	181	73	30	14	3.84E+01	1.70E+00	3.15E+01	2.18E+01	1.84E+00	1.69E+01	1.47E+00	
140	48	20	181	73	32	15	2.92E+01	1.27E+00	2.10E+01	2.41E+01	2.11E+00	1.15E+01	1.04E+00	
140	48	20	181	73	34	16	3.58E+01	1.63E+00	2.42E+01	2.61E+01	2.28E+00	1.53E+01	1.42E+00	
140	48	20	181	73	36	17	2.76E+01	1.29E+00	1.24E+01	2.74E+01	2.33E+00	1.03E+01	9.73E-01	
140	48	20	181	73	38	18	2.61E+01	9.80E-01	1.16E+01	2.68E+01	2.25E+00	1.41E+01	1.37E+00	
140	48	20	181	73	40	19	1.61E+01	6.35E-01	4.47E+00	2.22E+01	1.93E+00	8.85E+00	9.04E-01	
140	48	20	181	73	42	20	9.42E+00	8.17E-01	2.31E+00	1.21E+01	1.15E+00	7.81E+00	9.00E-01	
140	48	20	181	73	44	21	1.87E+00	2.13E-01	3.24E-01	2.58E+00	2.77E-01	1.79E+00	2.56E-01	
140	48	20	181	73	46	22	9.29E-02	1.13E-02	1.01E-02	8.22E-02	1.08E-02	7.34E-02	1.41E-02	
140	48	20	181	73	13	5	3.59E+00	2.10E-01	7.02E-01	2.13E+00	2.30E-01	4.45E+00	6.68E-01	
140	48	20	181	73	15	6	2.38E+00	1.44E-01	4.45E-01	2.56E+00	2.42E-01	2.00E+00	2.67E-01	
140	48	20	181	73	17	7	4.51E+00	2.49E-01	1.50E+00	3.18E+00	2.72E-01	4.71E+00	5.71E-01	
140	48	20	181	73	19	8	4.36E+00	2.12E-01	1.47E+00	4.03E+00	3.14E-01	3.23E+00	3.58E-01	
140	48	20	181	73	21	9	7.79E+00	4.00E-01	4.12E+00	5.19E+00	3.66E-01	6.37E+00	6.44E-01	
140	48	20	181	73	23	10	7.13E+00	3.56E-01	4.40E+00	6.77E+00	4.35E-01	4.96E+00	4.57E-01	
140	48	20	181	73	25	11	1.16E+01	5.53E-01	1.03E+01	8.90E+00	5.49E-01	8.87E+00	7.50E-01	
140	48	20	181	73	27	12	1.20E+01	5.67E-01	1.09E+01	1.18E+01	7.55E-01	7.63E+00	6.06E-01	
140	48	20	181	73	29	13	1.82E+01	8.14E-01	2.35E+01	1.56E+01	1.09E+00	1.44E+01	1.11E+00	
140	48	20	181	73	31	14	2.03E+01	7.15E-01	2.15E+01	2.06E+01	1.57E+00	1.28E+01	9.99E-01	
140	48	20	181	73	33	15	2.82E+01	1.05E+00	3.88E+01	2.71E+01	2.17E+00	2.53E+01	2.03E+00	
140	48	20	181	73	35	16	3.05E+01	1.31E+00	2.64E+01	3.53E+01	2.84E+00	2.12E+01	1.77E+00	
140	48	20	181	73	37	17	3.88E+01	1.73E+00	3.61E+01	4.50E+01	3.54E+00	4.02E+01	3.47E+00	
140	48	20	181	73	39	18	3.68E+01	1.74E+00	2.06E+01	5.38E+01	4.24E+00	3.54E+01	3.17E+00	
140	48	20	181	73	41	19	3.51E+01	1.97E+00	1.62E+01	5.37E+01	4.50E+00	4.58E+01	4.45E+00	
140	48	20	181	73	43	20	2.90E+01	1.64E+00	6.39E+00	3.38E+01	3.17E+00	2.90E+01	3.35E+00	
140	48	20	181	73	45	21	6.43E+00	8.04E-01	1.26E+00	7.36E+00	7.94E-01	7.79E+00	1.18E+00	
140	48	20	181	73	47	22	1.45E-01	2.93E-02	1.78E-02	1.91E-01	2.59E-02	9.93E-02	2.09E-02	
140	48	20	181	73	14	5	2.11E-01	2.48E-02	3.72E-02	3.11E-01	3.66E-02	2.69E-01	3.72E-02	
140	48	20	181	73	16	6	7.57E-01	3.69E-02	1.54E-01	4.34E-01	4.53E-02	7.52E-01	9.32E-02	
140	48	20	181	73	18	7	8.64E-01	5.04E-02	1.59E-01	6.25E-01	5.89E-02	5.26E-01	6.02E-02	
140	48	20	181	73	20	8	1.48E+00	8.27E-02	5.22E-01	9.18E-01	7.77E-02	1.17E+00	1.25E-01	
140	48	20	181	73	22	9	1.73E+00	9.44E-02	6.29E-01	1.37E+00	1.02E-01	9.85E-01	9.72E-02	
140	48	20	181	73	24	10	2.67E+00	1.27E-01	1.88E+00	2.08E+00	1.35E-01	2.14E+00	1.95E-01	
140	48	20	181	73	26	11	3.22E+00	1.50E-01	2.30E+00	3.18E+00	1.86E-01	2.03E+00	1.70E-01	
140	48	20	181	73	28	12	5.41E+00	2.66E-01	6.39E+00	4.90E+00	2.85E-01	4.71E+00	3.72E-01	
140	48	20	181	73	30	13	6.09E+00	2.62E-01	7.28E+00	7.61E+00	4.75E-01	4.93E+00	3.79E-01	
140	48	20	181	73	32	14	1.03E+01	5.14E-01	1.85E+01	1.19E+01	8.05E-01	1.28E+01	9.97E-01	
140	48	20	181	73	34	15	1.36E+01	5.85E-01	1.79E+01	1.85E+01	1.32E+00	1.44E+01	1.15E+00	
140	48	20	181	73	36	16	2.29E+01	9.95E-01	3.89E+01	2.89E+01	2.08E+00	4.07E+01	3.34E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	48	20	181	73	38	17	2.64E+01	1.18E+00	3.15E+01	4.46E+01	3.19E+00	4.79E+01	4.00E+00	
140	48	20	181	73	40	18	3.89E+01	1.83E+00	4.35E+01	6.47E+01	4.78E+00	1.04E+02	8.99E+00	
140	48	20	181	73	42	19	4.14E+01	2.08E+00	2.55E+01	7.73E+01	6.28E+00	9.58E+01	9.28E+00	
140	48	20	181	73	44	20	4.67E+01	2.93E+00	1.80E+01	5.47E+01	5.11E+00	9.39E+01	1.14E+01	
140	48	20	181	73	46	21	4.80E+00	9.36E-01	2.59E+00	1.16E+01	1.26E+00	1.34E+01	2.21E+00	
140	48	20	181	73	48	22	9.01E-02	1.89E-02	2.99E-02	2.26E-01	3.28E-02	7.81E-02	1.82E-02	
140	48	20	181	73	17	6	5.99E-02	7.25E-03	9.70E-03	5.48E-02	6.32E-03	5.13E-02	6.87E-03	
140	48	20	181	73	19	7	2.45E-01	1.76E-02	4.28E-02	9.04E-02	9.43E-03	1.48E-01	1.79E-02	
140	48	20	181	73	21	8	1.91E-01	8.66E-03	5.24E-02	1.53E-01	1.42E-02	1.21E-01	1.34E-02	
140	48	20	181	73	23	9	4.94E-01	3.25E-02	2.02E-01	2.62E-01	2.13E-02	3.23E-01	3.29E-02	
140	48	20	181	73	25	10	4.13E-01	2.10E-02	2.51E-01	4.57E-01	3.18E-02	2.95E-01	2.77E-02	
140	48	20	181	73	27	11	1.04E+00	4.72E-02	9.87E-01	8.07E-01	4.89E-02	9.15E-01	8.05E-02	
140	48	20	181	73	29	12	9.66E-01	4.50E-02	1.17E+00	1.44E+00	8.23E-02	9.41E-01	7.93E-02	
140	48	20	181	73	31	13	2.66E+00	1.21E-01	4.28E+00	2.60E+00	1.53E-01	3.30E+00	2.75E-01	
140	48	20	181	73	33	14	2.88E+00	1.35E-01	4.55E+00	4.74E+00	2.97E-01	3.79E+00	3.18E-01	
140	48	20	181	73	35	15	7.63E+00	3.43E-01	1.53E+01	8.74E+00	5.70E-01	1.56E+01	1.32E+00	
140	48	20	181	73	37	16	1.04E+01	4.73E-01	1.62E+01	1.63E+01	1.07E+00	2.25E+01	1.89E+00	
140	48	20	181	73	39	17	1.91E+01	7.76E-01	3.66E+01	3.01E+01	2.02E+00	7.57E+01	6.28E+00	
140	48	20	181	73	41	18	2.93E+01	1.52E+00	3.43E+01	5.26E+01	3.76E+00	1.08E+02	9.34E+00	
140	48	20	181	73	43	19	5.00E+01	2.66E+00	4.84E+01	7.38E+01	5.96E+00	2.13E+02	2.18E+01	
140	48	20	181	73	45	20	4.93E+01	3.58E+00	2.47E+01	5.67E+01	5.35E+00	1.16E+02	1.56E+01	
140	48	20	181	73	47	21	7.93E+00	7.14E-01	8.04E+00	1.10E+01	1.21E+00	2.26E+01	4.13E+00	
140	48	20	181	73	49	22	3.53E-01	5.47E-02	2.74E-02	1.47E-01	2.38E-02	1.66E-02	4.31E-03	
140	48	20	181	73	20	7	2.07E-02	2.86E-03	2.86E-03	1.08E-02	1.22E-03	1.04E-02	1.40E-03	
140	48	20	181	73	22	8	3.52E-02	3.46E-03	1.23E-02	2.07E-02	2.10E-03	2.92E-02	3.54E-03	
140	48	20	181	73	24	9	4.79E-02	1.99E-03	1.94E-02	4.04E-02	3.59E-03	3.21E-02	3.51E-03	
140	48	20	181	73	26	10	9.17E-02	4.21E-03	7.84E-02	8.04E-02	6.13E-03	9.64E-02	9.75E-03	
140	48	20	181	73	28	11	1.54E-01	8.32E-03	1.18E-01	1.63E-01	1.07E-02	1.18E-01	1.13E-02	
140	48	20	181	73	30	12	3.41E-01	1.61E-02	5.00E-01	3.33E-01	2.01E-02	4.49E-01	4.20E-02	
140	48	20	181	73	32	13	5.73E-01	2.54E-02	6.21E-01	6.95E-01	4.15E-02	5.63E-01	5.24E-02	
140	48	20	181	73	34	14	1.30E+00	5.72E-02	2.98E+00	1.47E+00	9.09E-02	3.07E+00	2.83E-01	
140	48	20	181	73	36	15	2.49E+00	1.17E-01	3.66E+00	3.18E+00	2.02E-01	4.81E+00	4.33E-01	
140	48	20	181	73	38	16	6.08E+00	3.16E-01	1.18E+01	6.98E+00	4.50E-01	2.17E+01	1.85E+00	
140	48	20	181	73	40	17	1.14E+01	5.69E-01	1.57E+01	1.54E+01	1.03E+00	4.23E+01	3.52E+00	
140	48	20	181	73	42	18	2.46E+01	1.43E+00	3.75E+01	3.19E+01	2.31E+00	1.40E+02	1.28E+01	
140	48	20	181	73	44	19	3.85E+01	2.77E+00	4.01E+01	5.12E+01	4.25E+00	1.67E+02	1.94E+01	
140	48	20	181	73	46	20	7.64E+01	6.79E+00	5.27E+01	4.08E+01	3.96E+00	1.51E+02	2.33E+01	
140	48	20	181	73	48	21	3.23E+00	2.10E-01	1.26E+01	6.77E+00	7.74E-01	1.04E+01	2.12E+00	
140	48	20	181	73	50	22	4.39E-02	4.25E-03	5.00E-02	5.57E-02	1.05E-02	2.90E-03	8.46E-04	
140	48	20	181	73	23	8	1.17E-03	1.80E-04	7.29E-04	2.47E-03	2.70E-04	1.81E-03	2.44E-04	
140	48	20	181	73	25	9	5.37E-03	7.51E-04	5.14E-03	5.46E-03	5.25E-04	8.92E-03	1.07E-03	
140	48	20	181	73	27	10	4.82E-03	5.79E-04	6.04E-03	1.23E-02	1.02E-03	7.97E-03	8.83E-04	
140	48	20	181	73	29	11	3.73E-02	1.42E-03	3.82E-02	2.82E-02	2.03E-03	4.22E-02	4.48E-03	
140	48	20	181	73	31	12	5.34E-02	4.13E-03	4.78E-02	6.58E-02	4.32E-03	4.95E-02	5.17E-03	
140	48	20	181	73	33	13	2.00E-01	8.46E-03	3.13E-01	1.57E-01	1.00E-02	3.42E-01	3.52E-02	
140	48	20	181	73	35	14	2.56E-01	1.27E-02	4.21E-01	3.83E-01	2.47E-02	5.47E-01	5.44E-02	
140	48	20	181	73	37	15	1.08E+00	4.81E-02	1.94E+00	9.61E-01	6.31E-02	3.31E+00	3.08E-01	
140	48	20	181	73	39	16	2.13E+00	1.29E-01	3.11E+00	2.47E+00	1.66E-01	7.36E+00	6.34E-01	
140	48	20	181	73	41	17	7.08E+00	3.97E-01	1.12E+01	6.41E+00	4.49E-01	3.58E+01	3.14E+00	
140	48	20	181	73	43	18	1.55E+01	1.07E+00	1.80E+01	1.54E+01	1.18E+00	6.61E+01	7.05E+00	
140	48	20	181	73	45	19	4.21E+01	3.30E+00	4.83E+01	2.75E+01	2.40E+00	1.37E+02	1.90E+01	
140	48	20	181	73	47	20	1.34E+02	9.62E+00	7.01E+01	2.16E+01	2.18E+00	7.28E+01	1.29E+01	
140	48	20	181	73	49	21	4.10E-01	7.73E-02	2.72E+01	2.80E+00	3.42E-01	3.07E+00	6.95E-01	
140	48	20	181	73	51	22	4.04E-02	6.54E-03	6.90E-02	1.26E-02	2.86E-03	1.58E-04	5.40E-05	
140	48	20	181	73	28	10	1.74E-03	1.96E-04	1.65E-03	1.71E-03	1.56E-04	2.38E-03	2.91E-04	
140	48	20	181	73	30	11	5.25E-03	2.88E-04	2.41E-03	4.42E-03	3.51E-04	3.02E-03	3.55E-04	
140	48	20	181	73	32	12	1.54E-02	6.25E-04	1.73E-02	1.17E-02	8.39E-04	2.12E-02	2.43E-03	
140	48	20	181	73	34	13	2.97E-02	1.94E-03	2.90E-02	3.17E-02	2.18E-03	3.90E-02	4.32E-03	
140	48	20	181	73	36	14	9.48E-02	4.17E-03	1.72E-01	8.84E-02	6.08E-03	2.83E-01	2.93E-02	
140	48	20	181	73	38	15	2.88E-01	1.23E-02	3.31E-01	2.55E-01	1.79E-02	7.10E-01	6.67E-02	
140	48	20	181	73	40	16	9.91E-01	4.42E-02	1.54E+00	7.61E-01	5.47E-02	4.32E+00	3.88E-01	
140	48	20	181	73	42	17	2.77E+00	1.99E-01	3.44E+00	2.28E+00	1.73E-01	1.12E+01	1.15E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	48	20	181	73	44	18	9.31E+00	6.30E-01	1.37E+01	6.24E+00	5.15E-01	3.73E+01	4.98E+00	
140	48	20	181	73	46	19	2.89E+01	2.09E+00	2.49E+01	1.18E+01	1.10E+00	3.03E+01	5.14E+00	
140	48	20	181	73	50	21	2.56E-02	6.21E-03	2.69E+01	7.88E-01	1.07E-01	2.01E-01	5.01E-02	
140	48	20	181	73	31	11	1.03E-03	1.93E-04	6.33E-04	6.47E-04	5.67E-05	9.20E-04	1.18E-04	
140	48	20	181	73	33	12	1.61E-03	2.20E-04	1.06E-03	1.92E-03	1.51E-04	1.56E-03	1.92E-04	
140	48	20	181	73	35	13	9.18E-03	3.46E-04	9.54E-03	5.87E-03	4.36E-04	1.58E-02	1.84E-03	
140	48	20	181	73	37	14	1.47E-02	7.65E-04	1.84E-02	1.86E-02	1.37E-03	3.74E-02	3.93E-03	
140	48	20	181	73	39	15	8.44E-02	3.04E-03	1.20E-01	6.11E-02	4.60E-03	3.04E-01	2.94E-02	
140	48	20	181	73	41	16	2.09E-01	8.58E-03	3.02E-01	2.08E-01	1.62E-02	8.81E-01	9.16E-02	
140	48	20	181	73	43	17	1.31E+00	5.47E-02	1.87E+00	7.12E-01	5.84E-02	4.85E+00	6.42E-01	
140	48	20	181	73	45	18	4.07E+00	1.83E-01	3.93E+00	2.15E+00	1.90E-01	5.35E+00	9.12E-01	
140	48	20	181	73	47	19	4.25E+01	2.28E+00	2.50E+01	4.15E+00	4.08E-01	7.49E+00	1.50E+00	
140	48	20	181	73	34	12	1.82E-04	4.22E-05	2.95E-04	2.95E-04	2.56E-05	5.25E-04	6.82E-05	
140	48	20	181	73	36	13	9.41E-04	5.51E-05	5.98E-04	1.01E-03	8.14E-05	1.21E-03	1.44E-04	
140	48	20	181	73	38	14	3.86E-03	1.79E-04	5.30E-03	3.59E-03	2.85E-04	1.27E-02	1.36E-03	
140	48	20	181	73	40	15	1.36E-02	4.80E-04	1.43E-02	1.33E-02	1.08E-03	3.84E-02	4.19E-03	
140	48	20	181	73	42	16	5.14E-02	1.63E-03	1.29E-01	5.13E-02	4.33E-03	3.17E-01	4.23E-02	
140	48	20	181	73	44	17	2.63E-01	8.60E-03	3.40E-01	1.95E-01	1.73E-02	4.99E-01	8.67E-02	
140	48	20	181	73	46	18	1.63E+00	6.56E-02	1.68E+00	6.26E-01	5.93E-02	7.12E-01	1.50E-01	
140	48	20	181	73	48	19	9.87E-01	5.86E-02	7.29E+00	1.16E+00	1.21E-01	3.39E-01	7.60E-02	
140	48	20	181	73	37	13	1.58E-04	4.34E-05	1.57E-04	1.61E-04	1.45E-05	3.71E-04	4.55E-05	
140	48	20	181	73	39	14	4.43E-04	7.66E-05	3.58E-04	6.38E-04	5.57E-05	9.13E-04	1.08E-04	
140	48	20	181	73	41	15	3.08E-03	1.88E-04	4.68E-03	2.64E-03	2.34E-04	1.11E-02	1.52E-03	
140	48	20	181	73	43	16	6.36E-03	2.70E-04	1.61E-02	1.12E-02	1.04E-03	2.50E-02	4.43E-03	
140	48	20	181	73	45	17	5.30E-02	1.91E-03	1.01E-01	4.61E-02	4.43E-03	5.63E-02	1.24E-02	
140	48	20	181	73	47	18	4.50E-02	1.74E-03	2.01E-01	1.51E-01	1.53E-02	1.88E-02	4.60E-03	
140	48	20	181	73	49	19	2.23E-01	1.08E-02	5.76E-01	2.52E-01	2.78E-02	7.33E-03	1.65E-03	
140	48	20	181	73	51	20	1.04E+00	1.58E-01	5.56E+00	8.68E-02	1.19E-02	3.58E-01	1.23E-01	
140	48	20	181	73	40	14	9.01E-05	2.20E-05	9.32E-05	1.03E-04	1.04E-05	2.18E-04	3.16E-05	
140	48	20	181	73	42	15	3.98E-04	7.33E-05	4.07E-04	4.65E-04	4.74E-05	6.66E-04	1.21E-04	
140	48	20	181	73	44	16	1.30E-03	6.32E-05	3.84E-03	2.14E-03	2.24E-04	2.70E-03	6.20E-04	
140	48	20	181	73	46	17	3.83E-03	2.05E-04	6.24E-03	9.21E-03	9.84E-04	1.04E-03	2.78E-04	
140	48	20	181	73	48	18	1.39E-02	7.47E-04	6.91E-03	2.94E-02	3.23E-03	2.91E-04	7.63E-05	
140	48	20	181	73	50	19	1.56E-01	6.28E-03	1.19E-04	4.07E-02	4.95E-03	6.54E-05	1.58E-05	
140	48	20	181	73	52	20	4.99E-03	4.25E-04	2.79E-06	8.85E-03	1.48E-03	1.40E+04	1.51E+04	
140	48	20	181	73	43	15	2.54E-05	1.07E-05	8.23E-05	7.15E-05	8.88E-06	7.06E-05	1.67E-05	
140	48	20	181	73	45	16	9.64E-05	2.79E-05	1.84E-04	3.47E-04	4.32E-05	5.05E-05	1.44E-05	
140	48	20	181	73	47	17	6.03E-04	5.53E-05	2.11E-04	1.50E-03	1.87E-04	2.48E-05	7.57E-06	
140	48	20	181	73	49	18	4.55E-03	1.96E-04	8.04E-07	4.37E-03	5.55E-04	2.88E-06	7.58E-07	
140	48	20	181	73	51	19	1.86E-03	1.85E-04	1.68E-15	4.59E-03	6.71E-04	1.52E-04	9.81E-05	
140	48	20	181	73	50	18	1.30E-04	3.17E-05	4.39E-16	4.74E-04	7.57E-05	5.72E-04	2.12E-04	
140	48	20	181	73	52	19	5.66E-04	1.11E-04	9.06E-56	3.41E-04	6.55E-05	4.22E+02	5.55E+02	
140	48	20	181	73	53	19	4.47E-04	1.13E-04	2.64E-228	1.56E-05	4.17E-06	5.06E-06	#	
[21]	140	58	28	9	4	10	5	4.11E+00	5.11E-01	1.61E+00	3.94E+00	6.08E-01	3.21E+00	6.92E-01
	140	58	28	9	4	11	5	6.28E+00	1.82E+00	1.75E+00	2.66E+00	4.07E-01	4.42E+00	8.86E-01
	140	58	28	9	4	12	5	3.23E-01	1.80E-01	1.54E-01	6.96E-01	1.10E-01	4.82E-01	9.14E-02
	140	58	28	9	4	12	6	7.64E+00	5.22E-01	3.29E+00	2.76E+00	3.53E-01	4.11E+00	6.87E-01
	140	58	28	9	4	13	6	4.85E+00	5.40E-01	9.90E-01	2.21E+00	2.81E-01	1.58E+00	2.47E-01
	140	58	28	9	4	14	6	9.00E-01	1.45E-01	6.19E-01	6.87E-01	9.01E-02	1.23E+00	1.85E-01
	140	58	28	9	4	13	7	1.51E-01	5.68E-02	3.82E-01	7.59E-01	9.02E-02	2.58E-01	3.74E-02
	140	58	28	9	4	14	7	3.05E+00	4.07E-01	1.98E+00	2.14E+00	2.28E-01	1.76E+00	2.35E-01
	140	58	28	9	4	15	7	5.77E+00	3.26E-01	2.90E+00	2.03E+00	2.14E-01	3.30E+00	4.16E-01
	140	58	28	9	4	16	7	4.01E-01	5.64E-02	4.39E-01	7.43E-01	8.07E-02	6.23E-01	7.62E-02
	140	58	28	9	4	17	7	1.00E-01	1.64E-02	1.43E-01	1.23E-01	1.44E-02	2.47E-01	3.01E-02
	140	58	28	9	4	16	8	5.85E+00	1.17E+00	4.10E+00	1.81E+00	1.64E-01	2.87E+00	3.24E-01
	140	58	28	9	4	17	8	2.85E+00	1.56E-01	2.15E+00	2.03E+00	1.79E-01	1.91E+00	2.07E-01
	140	58	28	9	4	18	8	9.79E-01	9.02E-02	9.91E-01	8.70E-01	7.91E-02	1.10E+00	1.17E-01
	140	58	28	9	4	19	8	1.31E-01	3.33E-02	1.28E-01	1.68E-01	1.64E-02	1.72E-01	1.84E-02
	140	58	28	9	4	17	9	2.42E-01	5.45E-02	4.63E-01	4.30E-01	4.15E-02	2.12E-01	2.34E-02
	140	58	28	9	4	18	9	1.51E+00	1.70E-01	2.31E+00	1.65E+00	1.33E-01	1.38E+00	1.43E-01
	140	58	28	9	4	19	9	2.54E+00	1.31E-01	4.17E+00	2.17E+00	1.67E-01	3.15E+00	3.14E-01
	140	58	28	9	4	20	9	9.66E-01	4.48E-02	9.63E-01	1.09E+00	8.59E-02	8.95E-01	8.84E-02

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	58	28	9	4	21	9	2.86E-01	5.44E-02	3.31E-01	2.43E-01	2.04E-02	3.68E-01	3.67E-02	
140	58	28	9	4	22	9	3.66E-02	7.94E-03	3.30E-02	2.86E-02	2.66E-03	4.26E-02	4.36E-03	
140	58	28	9	4	19	10	2.52E-01	3.67E-02	1.05E+00	3.62E-01	3.36E-02	4.43E-01	4.73E-02	
140	58	28	9	4	20	10	2.85E+00	1.67E-01	4.15E+00	1.61E+00	1.21E-01	2.25E+00	2.27E-01	
140	58	28	9	4	21	10	4.07E+00	1.88E-01	3.75E+00	2.45E+00	1.75E-01	2.55E+00	2.49E-01	
140	58	28	9	4	22	10	2.06E+00	1.07E-01	2.12E+00	1.42E+00	1.04E-01	1.75E+00	1.69E-01	
140	58	28	9	4	23	10	2.69E-01	3.06E-02	3.35E-01	3.67E-01	2.84E-02	3.26E-01	3.16E-02	
140	58	28	9	4	24	10	2.60E-02	7.75E-03	8.56E-02	4.93E-02	4.13E-03	9.53E-02	9.38E-03	
140	58	28	9	4	21	11	2.09E-01	3.67E-02	4.18E-01	3.22E-01	2.98E-02	1.71E-01	1.82E-02	
140	58	28	9	4	22	11	2.10E+00	2.76E-01	2.54E+00	1.64E+00	1.22E-01	1.32E+00	1.34E-01	
140	58	28	9	4	23	11	5.21E+00	2.25E-01	6.28E+00	2.89E+00	2.02E-01	4.01E+00	3.93E-01	
140	58	28	9	4	24	11	1.95E+00	9.87E-02	2.03E+00	1.94E+00	1.39E-01	1.55E+00	1.49E-01	
140	58	28	9	4	25	11	5.93E-01	4.28E-02	7.65E-01	5.71E-01	4.36E-02	6.78E-01	6.48E-02	
140	58	28	9	4	26	11	6.50E-02	1.22E-02	9.33E-02	8.68E-02	7.10E-03	9.30E-02	8.92E-03	
140	58	28	9	4	27	11	9.14E-03	3.69E-02	2.06E-02	7.88E-03	7.00E-04	2.24E-02	2.18E-03	
140	58	28	9	4	23	12	4.06E-01	5.34E-02	8.70E-01	3.00E-01	2.78E-02	3.58E-01	3.84E-02	
140	58	28	9	4	24	12	4.36E+00	2.96E-01	4.27E+00	1.74E+00	1.29E-01	2.19E+00	2.23E-01	
140	58	28	9	4	25	12	6.15E+00	2.54E-01	5.91E+00	3.49E+00	2.45E-01	3.67E+00	3.60E-01	
140	58	28	9	4	26	12	3.99E+00	1.81E-01	4.06E+00	2.68E+00	1.95E-01	2.96E+00	2.83E-01	
140	58	28	9	4	27	12	6.91E-01	3.96E-02	8.16E-01	9.00E-01	7.04E-02	6.79E-01	6.39E-02	
140	58	28	9	4	28	12	1.23E-01	1.46E-02	2.37E-01	1.54E-01	1.29E-02	2.18E-01	2.04E-02	
140	58	28	9	4	25	13	1.99E-01	1.93E-02	3.58E-01	2.86E-01	2.65E-02	1.53E-01	1.63E-02	
140	58	28	9	4	26	13	2.41E+00	1.47E-01	2.47E+00	1.87E+00	1.40E-01	1.29E+00	1.30E-01	
140	58	28	9	4	27	13	8.34E+00	3.27E-01	7.54E+00	4.28E+00	3.02E-01	4.67E+00	4.53E-01	
140	58	28	9	4	28	13	4.01E+00	1.68E-01	4.07E+00	3.73E+00	2.76E-01	2.91E+00	2.73E-01	
140	58	28	9	4	29	13	1.19E+00	4.31E-02	1.84E+00	1.42E+00	1.14E-01	1.47E+00	1.35E-01	
140	58	28	9	4	30	13	1.51E-01	1.87E-02	2.56E-01	2.71E-01	2.36E-02	2.21E-01	2.00E-02	
140	58	28	9	4	31	13	2.25E-02	4.93E-03	6.27E-02	3.02E-02	2.78E-03	5.72E-02	5.13E-03	
140	58	28	9	4	27	14	3.22E-01	5.86E-02	5.95E-01	2.78E-01	2.54E-02	2.68E-01	2.81E-02	
140	58	28	9	4	28	14	6.08E+00	3.92E-01	3.80E+00	2.03E+00	1.50E-01	2.05E+00	2.03E-01	
140	58	28	9	4	29	14	9.45E+00	3.70E-01	7.73E+00	5.23E+00	3.67E-01	4.86E+00	4.58E-01	
140	58	28	9	4	30	14	9.79E+00	3.58E-01	7.58E+00	5.15E+00	3.81E-01	5.39E+00	4.89E-01	
140	58	28	9	4	31	14	1.60E+00	7.52E-02	1.88E+00	2.19E+00	1.78E-01	1.46E+00	1.29E-01	
140	58	28	9	4	32	14	2.78E-01	1.85E-02	6.45E-01	4.67E-01	4.14E-02	5.34E-01	4.63E-02	
140	58	28	9	4	33	14	2.19E-02	6.85E-03	5.88E-02	5.72E-02	5.38E-03	5.03E-02	4.31E-03	
140	58	28	9	4	34	14	1.94E-03	4.49E-04	1.29E-02	4.56E-03	4.47E-04	1.11E-02	9.49E-04	
140	58	28	9	4	28	15	9.21E-03	2.24E-03	1.62E-02	1.18E-02	1.45E-03	6.44E-03	7.08E-04	
140	58	28	9	4	29	15	1.39E-01	2.16E-02	2.73E-01	2.71E-01	2.40E-02	1.31E-01	1.33E-02	
140	58	28	9	4	30	15	2.09E+00	3.58E-01	2.36E+00	2.19E+00	1.58E-01	1.33E+00	1.26E-01	
140	58	28	9	4	31	15	9.02E+00	3.40E-01	8.39E+00	6.32E+00	4.34E-01	5.41E+00	4.87E-01	
140	58	28	9	4	32	15	7.72E+00	2.76E-01	7.24E+00	6.97E+00	5.03E-01	5.17E+00	4.48E-01	
140	58	28	9	4	33	15	2.37E+00	1.25E-01	4.13E+00	3.31E+00	2.64E-01	3.17E+00	2.67E-01	
140	58	28	9	4	34	15	4.03E-01	2.08E-02	6.59E-01	7.79E-01	6.83E-02	5.28E-01	4.36E-02	
140	58	28	9	4	35	15	6.20E-02	5.50E-03	1.84E-01	1.04E-01	9.78E-03	1.50E-01	1.22E-02	
140	58	28	9	4	31	16	2.28E-01	4.94E-02	4.21E-01	2.63E-01	2.22E-02	2.17E-01	2.11E-02	
140	58	28	9	4	32	16	3.65E+00	1.82E-01	3.21E+00	2.33E+00	1.64E-01	1.91E+00	1.72E-01	
140	58	28	9	4	33	16	1.03E+01	3.86E-01	8.95E+00	7.46E+00	4.97E-01	5.95E+00	5.07E-01	
140	58	28	9	4	34	16	1.36E+01	4.58E-01	1.28E+01	9.16E+00	6.34E-01	9.23E+00	7.56E-01	
140	58	28	9	4	35	16	3.53E+00	1.67E-01	3.96E+00	4.83E+00	3.66E-01	3.02E+00	2.41E-01	
140	58	28	9	4	36	16	7.99E-01	3.20E-02	1.64E+00	1.25E+00	1.05E-01	1.28E+00	1.01E-01	
140	58	28	9	4	37	16	9.71E-02	2.55E-02	1.92E-01	1.82E-01	1.64E-02	1.50E-01	1.17E-02	
140	58	28	9	4	38	16	1.36E-02	3.58E-03	3.53E-02	1.68E-02	1.58E-03	2.66E-02	2.10E-03	
140	58	28	9	4	39	16	4.82E-04	1.50E-04	2.03E-03	1.09E-03	1.05E-04	1.44E-03	1.16E-04	
140	58	28	9	4	32	17	7.92E-03	7.48E-03	9.90E-03	9.53E-03	1.04E-03	4.75E-03	4.85E-04	
140	58	28	9	4	33	17	7.25E-02	1.49E-02	1.81E-01	2.52E-01	2.03E-02	1.01E-01	9.31E-03	
140	58	28	9	4	34	17	1.75E+00	8.10E-02	1.99E+00	2.44E+00	1.67E-01	1.25E+00	1.07E-01	
140	58	28	9	4	35	17	9.94E+00	3.63E-01	9.01E+00	8.59E+00	5.60E-01	6.20E+00	4.98E-01	
140	58	28	9	4	36	17	1.19E+01	4.08E-01	1.10E+01	1.17E+01	7.70E-01	8.04E+00	6.21E-01	
140	58	28	9	4	37	17	5.32E+00	2.36E-01	8.39E+00	6.79E+00	4.78E-01	6.37E+00	4.82E-01	
140	58	28	9	4	38	17	1.02E+00	4.53E-02	1.72E+00	1.92E+00	1.48E-01	1.31E+00	9.88E-02	
140	58	28	9	4	39	17	2.11E-01	1.27E-02	4.68E-01	3.03E-01	2.50E-02	3.51E-01	2.66E-02	
140	58	28	9	4	40	17	2.49E-02	3.17E-03	4.22E-02	2.99E-02	2.59E-03	3.03E-02	2.34E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	58	28	9	4	41	17	2.20E-03	6.82E-04	5.24E-03	2.03E-03	1.82E-04	3.50E-03	2.78E-04	
140	58	28	9	4	42	17	2.13E-04	1.47E-05	2.23E-04	1.03E-04	9.64E-06	1.35E-04	1.12E-05	
140	58	28	9	4	34	18	9.22E-03	7.31E-03	1.39E-02	8.51E-03	8.70E-04	7.35E-03	7.30E-04	
140	58	28	9	4	35	18	1.77E-01	3.74E-02	2.90E-01	2.38E-01	1.86E-02	1.74E-01	1.54E-02	
140	58	28	9	4	36	18	2.94E+00	1.13E-01	2.62E+00	2.50E+00	1.73E-01	1.74E+00	1.41E-01	
140	58	28	9	4	37	18	1.05E+01	3.77E-01	9.21E+00	9.63E+00	6.37E-01	6.57E+00	4.98E-01	
140	58	28	9	4	38	18	1.69E+01	5.83E-01	1.87E+01	1.44E+01	9.29E-01	1.40E+01	1.02E+00	
140	58	28	9	4	39	18	7.72E+00	3.48E-01	8.31E+00	9.18E+00	6.00E-01	6.32E+00	4.56E-01	
140	58	28	9	4	40	18	1.77E+00	7.89E-02	3.61E+00	2.83E+00	1.95E-01	2.72E+00	1.98E-01	
140	58	28	9	4	41	18	3.24E-01	1.46E-02	5.26E-01	4.80E-01	3.52E-02	3.84E-01	2.84E-02	
140	58	28	9	4	42	18	4.00E-02	5.57E-03	9.58E-02	5.03E-02	3.88E-03	6.60E-02	5.04E-03	
140	58	28	9	4	43	18	4.38E-03	1.42E-03	6.26E-03	3.58E-03	2.89E-04	3.97E-03	3.15E-04	
140	58	28	9	4	44	18	3.45E-04	3.52E-05	5.09E-04	1.86E-04	1.60E-05	2.90E-04	2.43E-05	
140	58	28	9	4	45	18	1.96E-05	2.55E-06	1.30E-05	7.36E-06	6.97E-07	6.51E-06	5.82E-07	
140	58	28	9	4	37	19	7.68E-02	1.38E-02	1.13E-01	2.23E-01	1.75E-02	7.30E-02	6.30E-03	
140	58	28	9	4	38	19	1.63E+00	6.24E-02	1.54E+00	2.51E+00	1.84E-01	1.08E+00	8.41E-02	
140	58	28	9	4	39	19	1.02E+01	3.84E-01	8.66E+00	1.05E+01	7.47E-01	6.41E+00	4.65E-01	
140	58	28	9	4	40	19	1.57E+01	6.39E-01	1.53E+01	1.72E+01	1.15E+00	1.17E+01	8.19E-01	
140	58	28	9	4	41	19	9.64E+00	2.97E-01	1.36E+01	1.19E+01	7.65E-01	1.04E+01	7.28E-01	
140	58	28	9	4	42	19	2.68E+00	8.80E-02	3.84E+00	3.99E+00	2.53E-01	2.88E+00	2.04E-01	
140	58	28	9	4	43	19	6.10E-01	2.32E-02	1.11E+00	7.23E-01	4.72E-02	7.92E-01	5.81E-02	
140	58	28	9	4	44	19	7.19E-02	7.82E-03	1.11E-01	7.98E-02	5.48E-03	7.45E-02	5.70E-03	
140	58	28	9	4	45	19	8.23E-03	7.19E-04	1.31E-02	5.89E-03	4.32E-04	8.00E-03	6.43E-04	
140	58	28	9	4	46	19	5.57E-04	9.69E-05	5.01E-04	3.12E-04	2.50E-05	2.73E-04	2.33E-05	
140	58	28	9	4	47	19	2.76E-05	3.71E-06	2.49E-05	1.24E-05	1.13E-06	1.18E-05	1.08E-06	
140	58	28	9	4	38	20	3.71E-03	1.10E-03	8.55E-03	6.76E-03	6.44E-04	5.39E-03	5.32E-04	
140	58	28	9	4	39	20	1.35E-01	3.08E-02	1.88E-01	2.07E-01	1.70E-02	1.30E-01	1.12E-02	
140	58	28	9	4	40	20	2.71E+00	8.97E-02	2.18E+00	2.48E+00	2.01E-01	1.61E+00	1.23E-01	
140	58	28	9	4	41	20	1.21E+01	4.71E-01	1.01E+01	1.12E+01	8.98E-01	7.78E+00	5.51E-01	
140	58	28	9	4	42	20	2.12E+01	8.66E-01	2.31E+01	1.99E+01	1.49E+00	1.80E+01	1.23E+00	
140	58	28	9	4	43	20	1.49E+01	6.72E-01	1.55E+01	1.50E+01	1.03E+00	1.20E+01	8.22E-01	
140	58	28	9	4	44	20	5.54E+00	1.99E-01	6.96E+00	5.39E+00	3.44E-01	5.22E+00	3.68E-01	
140	58	28	9	4	45	20	8.32E-01	2.29E-02	1.17E+00	1.04E+00	6.49E-02	8.29E-01	6.10E-02	
140	58	28	9	4	46	20	1.15E-01	8.31E-03	2.12E-01	1.19E-01	7.77E-03	1.39E-01	1.08E-02	
140	58	28	9	4	47	20	8.57E-03	2.16E-04	1.25E-02	9.02E-03	6.39E-04	7.48E-03	6.15E-04	
140	58	28	9	4	48	20	5.52E-04	1.63E-05	9.37E-04	4.79E-04	3.84E-05	4.97E-04	4.36E-05	
140	58	28	9	4	49	20	2.03E-05	2.77E-06	2.35E-05	1.87E-05	1.75E-06	1.08E-05	1.02E-06	
140	58	28	9	4	50	20	3.76E-07	1.47E-07	6.33E-07	5.49E-07	6.18E-08	2.49E-07	2.57E-08	
140	58	28	9	4	41	21	4.28E-02	6.55E-03	8.62E-02	1.93E-01	1.70E-02	6.38E-02	5.57E-03	
140	58	28	9	4	42	21	1.39E+00	4.91E-02	1.34E+00	2.44E+00	2.21E-01	1.04E+00	8.02E-02	
140	58	28	9	4	43	21	1.02E+01	4.48E-01	8.29E+00	1.18E+01	1.07E+00	6.64E+00	4.69E-01	
140	58	28	9	4	44	21	2.05E+01	8.86E-01	1.90E+01	2.26E+01	1.94E+00	1.53E+01	1.04E+00	
140	58	28	9	4	45	21	1.89E+01	9.63E-01	2.05E+01	1.83E+01	1.42E+00	1.63E+01	1.11E+00	
140	58	28	9	4	46	21	6.50E+00	2.30E-01	7.06E+00	6.98E+00	4.91E-01	5.37E+00	3.81E-01	
140	58	28	9	4	47	21	1.34E+00	3.67E-02	2.05E+00	1.41E+00	9.35E-02	1.47E+00	1.10E-01	
140	58	28	9	4	48	21	1.61E-01	5.56E-03	2.02E-01	1.67E-01	1.13E-02	1.33E-01	1.06E-02	
140	58	28	9	4	49	21	1.33E-02	3.40E-04	2.35E-02	1.27E-02	9.46E-04	1.40E-02	1.19E-03	
140	58	28	9	4	50	21	5.97E-04	1.79E-05	8.87E-04	6.69E-04	5.73E-05	4.70E-04	4.29E-05	
140	58	28	9	4	51	21	2.73E-05	4.18E-06	3.53E-05	2.52E-05	2.59E-06	1.62E-05	1.61E-06	
140	58	28	9	4	43	22	1.50E-01	1.51E-02	1.30E-01	1.81E-01	1.71E-02	1.03E-01	9.35E-03	
140	58	28	9	4	44	22	2.20E+00	7.06E-02	1.83E+00	2.40E+00	2.37E-01	1.51E+00	1.20E-01	
140	58	28	9	4	45	22	1.17E+01	3.49E-01	1.10E+01	1.23E+01	1.24E+00	9.28E+00	6.71E-01	
140	58	28	9	4	46	22	2.83E+01	9.87E-01	2.83E+01	2.51E+01	2.42E+00	2.37E+01	1.65E+00	
140	58	28	9	4	47	22	2.65E+01	1.18E+00	2.35E+01	2.16E+01	1.89E+00	1.93E+01	1.34E+00	
140	58	28	9	4	48	22	1.23E+01	4.38E-01	1.13E+01	8.66E+00	6.80E-01	8.84E+00	6.40E-01	
140	58	28	9	4	49	22	1.74E+00	4.95E-02	1.97E+00	1.81E+00	1.32E-01	1.45E+00	1.11E-01	
140	58	28	9	4	50	22	2.64E-01	7.39E-03	3.60E-01	2.18E-01	1.60E-02	2.44E-01	2.00E-02	
140	58	28	9	4	51	22	1.35E-02	3.65E-04	2.10E-02	1.65E-02	1.34E-03	1.29E-02	1.14E-03	
140	58	28	9	4	52	22	8.14E-04	2.27E-05	1.24E-03	8.37E-04	8.03E-05	6.73E-04	6.50E-05	
140	58	28	9	4	53	22	2.20E-05	1.58E-06	1.93E-05	2.97E-05	3.54E-06	9.12E-06	9.70E-07	
140	58	28	9	4	44	23	8.10E-03	2.34E-03	3.04E-03	5.27E-03	5.44E-04	2.46E-03	2.77E-04	
140	58	28	9	4	45	23	1.01E-01	7.82E-03	7.81E-02	1.73E-01	1.70E-02	6.67E-02	6.38E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	58	28	9	4	46	23	1.56E+00	5.13E-02	1.36E+00	2.37E+00	2.46E-01	1.20E+00	1.00E-01	
140	58	28	9	4	47	23	1.05E+01	6.06E-01	9.37E+00	1.28E+01	1.36E+00	8.35E+00	6.31E-01	
140	58	28	9	4	48	23	2.71E+01	1.32E+00	2.46E+01	2.75E+01	2.81E+00	2.18E+01	1.57E+00	
140	58	28	9	4	49	23	3.22E+01	1.59E+00	2.86E+01	2.48E+01	2.31E+00	2.46E+01	1.78E+00	
140	58	28	9	4	50	23	1.40E+01	5.24E-01	1.06E+01	1.03E+01	8.56E-01	8.74E+00	6.58E-01	
140	58	28	9	4	51	23	2.55E+00	7.59E-02	3.22E+00	2.19E+00	1.68E-01	2.49E+00	2.00E-01	
140	58	28	9	4	52	23	2.56E-01	6.59E-03	3.08E-01	2.63E-01	2.06E-02	2.20E-01	1.91E-02	
140	58	28	9	4	53	23	1.91E-02	2.69E-03	2.72E-02	1.94E-02	1.74E-03	1.76E-02	1.67E-03	
140	58	28	9	4	54	23	6.71E-04	6.75E-05	5.58E-04	9.30E-04	1.05E-04	3.20E-04	3.36E-05	
140	58	28	9	4	55	23	1.13E-05	1.85E-06	6.19E-06	3.03E-05	4.47E-06	3.09E-06	3.63E-07	
140	58	28	9	4	46	24	6.19E-03	1.19E-03	4.66E-03	5.15E-03	5.41E-04	4.13E-03	4.96E-04	
140	58	28	9	4	47	24	1.60E-01	9.32E-03	1.35E-01	1.70E-01	1.66E-02	1.25E-01	1.28E-02	
140	58	28	9	4	48	24	2.02E+00	7.39E-02	2.15E+00	2.38E+00	2.44E-01	2.05E+00	1.82E-01	
140	58	28	9	4	49	24	1.23E+01	1.18E+00	1.36E+01	1.33E+01	1.40E+00	1.31E+01	1.05E+00	
140	58	28	9	4	50	24	3.45E+01	2.94E+00	3.61E+01	2.96E+01	3.00E+00	3.43E+01	2.63E+00	
140	58	28	9	4	51	24	4.07E+01	2.19E+00	3.28E+01	2.77E+01	2.54E+00	3.04E+01	2.33E+00	
140	58	28	9	4	52	24	1.98E+01	8.28E-01	1.62E+01	1.18E+01	9.54E-01	1.44E+01	1.15E+00	
140	58	28	9	4	53	24	3.09E+00	1.10E-01	2.66E+00	2.50E+00	1.91E-01	2.23E+00	1.91E-01	
140	58	28	9	4	54	24	3.69E-01	9.34E-03	3.58E-01	2.93E-01	2.47E-02	2.78E-01	2.61E-02	
140	58	28	9	4	55	24	1.28E-02	8.53E-04	9.66E-03	2.04E-02	2.18E-03	6.82E-03	7.13E-04	
140	58	28	9	4	48	25	6.20E-03	1.10E-03	3.32E-03	5.24E-03	5.57E-04	3.25E-03	4.19E-04	
140	58	28	9	4	49	25	9.56E-02	5.71E-03	9.77E-02	1.70E-01	1.59E-02	9.99E-02	1.10E-02	
140	58	28	9	4	50	25	1.54E+00	4.74E-02	1.77E+00	2.41E+00	2.30E-01	1.85E+00	1.79E-01	
140	58	28	9	4	51	25	1.17E+01	4.04E-01	1.22E+01	1.37E+01	1.34E+00	1.29E+01	1.13E+00	
140	58	28	9	4	52	25	3.55E+01	3.12E+00	3.23E+01	3.13E+01	2.92E+00	3.40E+01	2.83E+00	
140	58	28	9	4	53	25	4.84E+01	2.91E+00	3.80E+01	2.96E+01	2.49E+00	3.91E+01	3.27E+00	
140	58	28	9	4	54	25	1.88E+01	1.33E+00	1.34E+01	1.26E+01	9.61E-01	1.33E+01	1.17E+00	
140	58	28	9	4	55	25	4.36E+00	1.68E-01	2.92E+00	2.60E+00	2.09E-01	2.75E+00	2.62E-01	
140	58	28	9	4	56	25	2.15E-01	1.01E-02	1.25E-01	2.87E-01	2.93E-02	1.10E-01	1.16E-02	
140	58	28	9	4	57	25	1.90E-03	1.38E-04	2.12E-03	1.82E-02	2.58E-03	1.69E-03	2.04E-04	
140	58	28	9	4	50	26	5.31E-03	1.55E-03	6.50E-03	5.47E-03	6.16E-04	7.16E-03	9.98E-04	
140	58	28	9	4	51	26	1.31E-01	6.55E-03	1.98E-01	1.72E-01	1.60E-02	2.28E-01	2.75E-02	
140	58	28	9	4	52	26	2.05E+00	6.55E-02	3.01E+00	2.40E+00	2.15E-01	3.56E+00	3.79E-01	
140	58	28	9	4	53	26	1.36E+01	1.46E+00	1.90E+01	1.37E+01	1.22E+00	2.28E+01	2.22E+00	
140	58	28	9	4	54	26	4.70E+01	4.92E+00	5.08E+01	3.09E+01	2.64E+00	6.10E+01	5.69E+00	
140	58	28	9	4	55	26	6.16E+01	4.86E+00	4.27E+01	2.87E+01	2.30E+00	5.06E+01	4.78E+00	
140	58	28	9	4	56	26	3.23E+01	2.33E+00	1.69E+01	1.17E+01	9.60E-01	1.94E+01	1.95E+00	
140	58	28	9	4	57	26	1.60E+00	1.29E-01	1.42E+00	2.24E+00	2.29E-01	1.56E+00	1.73E-01	
140	58	28	9	4	58	26	2.91E-02	2.67E-03	2.53E-02	2.21E-01	3.14E-02	2.60E-02	3.28E-03	
140	58	28	9	4	52	27	4.86E-03	1.71E-03	4.47E-03	5.48E-03	7.26E-04	5.68E-03	8.63E-04	
140	58	28	9	4	53	27	1.01E-01	5.62E-03	1.43E-01	1.62E-01	1.73E-02	1.90E-01	2.53E-02	
140	58	28	9	4	54	27	1.82E+00	1.01E-01	2.55E+00	2.14E+00	2.09E-01	3.52E+00	4.20E-01	
140	58	28	9	4	55	27	1.65E+01	1.24E+00	1.82E+01	1.15E+01	1.09E+00	2.57E+01	2.85E+00	
140	58	28	9	4	56	27	5.15E+01	4.57E+00	5.52E+01	2.46E+01	2.26E+00	7.88E+01	8.55E+00	
140	58	28	9	4	57	27	6.67E+01	1.08E+01	6.49E+01	2.09E+01	2.00E+00	9.24E+01	1.03E+01	
140	58	28	9	4	58	27	8.45E+00	1.92E+00	1.19E+01	7.54E+00	8.50E-01	1.66E+01	2.02E+00	
140	58	28	9	4	59	27	2.58E-01	6.27E-02	1.96E-01	1.23E+00	1.84E-01	2.62E-01	3.58E-02	
140	58	28	9	4	54	28	5.60E-03	6.27E-04	9.69E-03	4.36E-03	7.42E-04	1.47E-02	2.46E-03	
140	58	28	9	4	55	28	1.79E-01	2.20E-02	3.06E-01	1.12E-01	1.60E-02	4.91E-01	7.34E-02	
140	58	28	9	4	56	28	3.21E+00	1.48E-01	5.83E+00	1.30E+00	1.66E-01	9.78E+00	1.34E+00	
140	58	28	9	4	57	28	4.55E+01	6.72E+00	6.08E+01	6.02E+00	7.34E-01	1.06E+02	1.38E+01	
140	58	28	9	4	56	29	1.86E-03	3.12E-04	7.96E-03	1.75E-03	3.99E-04	1.49E-02	2.80E-03	
140	58	28	9	4	57	29	1.41E-02	4.79E-03	3.97E-01	3.42E-02	6.82E-03	8.01E-01	1.37E-01	
[21]	140	58	28	181	73	15	8	4.67E+00	6.76E-01	6.47E+00	6.55E+00	8.33E-01	8.45E+00	2.26E+00
	140	58	28	181	73	25	13	5.25E-01	7.24E-02	1.11E+00	1.31E+00	1.52E-01	9.91E-01	1.58E-01
	140	58	28	181	73	29	15	3.19E-01	4.00E-02	7.40E-01	8.19E-01	8.83E-02	5.77E-01	7.67E-02
	140	58	28	181	73	31	16	5.04E-01	8.28E-02	1.06E+00	6.69E-01	7.06E-02	7.79E-01	9.82E-02
	140	58	28	181	73	33	17	1.82E-01	2.61E-02	4.27E-01	5.53E-01	5.75E-02	2.94E-01	3.61E-02
	140	58	28	181	73	35	18	3.08E-01	6.72E-02	6.40E-01	4.61E-01	4.76E-02	4.16E-01	5.09E-02
	140	58	28	181	73	37	19	1.50E-01	2.37E-02	2.34E-01	3.85E-01	3.99E-02	1.44E-01	1.78E-02
	140	58	28	181	73	39	20	2.33E-01	3.22E-02	3.63E-01	3.21E-01	3.40E-02	2.14E-01	2.67E-02
	140	58	28	181	73	41	21	6.67E-02	1.30E-02	1.55E-01	2.69E-01	2.98E-02	8.87E-02	1.12E-02

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	58	28	181	73	43	22	2.34E-01	2.66E-02	2.19E-01	2.28E-01	2.68E-02	1.24E-01	1.56E-02	
140	58	28	181	73	45	23	1.62E-01	1.52E-02	1.23E-01	1.98E-01	2.50E-02	7.15E-02	8.99E-03	
140	58	28	181	73	47	24	2.49E-01	2.12E-02	1.99E-01	1.80E-01	2.42E-02	1.25E-01	1.58E-02	
140	58	28	181	73	49	25	1.36E-01	1.12E-02	1.34E-01	1.75E-01	2.44E-02	9.78E-02	1.28E-02	
140	58	28	181	73	51	26	2.11E-01	1.32E-02	2.54E-01	1.79E-01	2.50E-02	2.35E-01	3.34E-02	
140	58	28	181	73	53	27	1.48E-01	8.62E-03	1.71E-01	1.77E-01	2.42E-02	2.24E-01	3.62E-02	
140	58	28	181	73	55	28	3.04E-01	2.23E-02	3.43E-01	1.31E-01	1.91E-02	7.18E-01	1.36E-01	
140	58	28	181	73	10	5	2.68E+01	4.57E+00	8.31E+00	3.57E+01	7.70E+00	1.63E+01	4.24E+00	
140	58	28	181	73	12	6	4.33E+01	2.54E+00	1.59E+01	2.68E+01	4.02E+00	2.80E+01	6.68E+00	
140	58	28	181	73	14	7	1.78E+01	2.83E+00	8.94E+00	2.07E+01	2.35E+00	1.41E+01	3.12E+00	
140	58	28	181	73	16	8	2.56E+01	1.88E+00	1.73E+01	1.63E+01	1.64E+00	2.42E+01	5.00E+00	
140	58	28	181	73	18	9	6.80E+00	4.97E-01	9.11E+00	1.30E+01	1.29E+00	1.14E+01	2.18E+00	
140	58	28	181	73	20	10	1.06E+01	9.64E-01	1.53E+01	1.06E+01	1.04E+00	1.71E+01	3.02E+00	
140	58	28	181	73	22	11	7.17E+00	5.17E-01	8.74E+00	8.88E+00	8.37E-01	8.79E+00	1.43E+00	
140	58	28	181	73	24	12	1.31E+01	8.14E-01	1.37E+01	7.56E+00	6.74E-01	1.25E+01	1.85E+00	
140	58	28	181	73	26	13	6.64E+00	4.40E-01	7.41E+00	6.57E+00	5.56E-01	6.16E+00	8.35E-01	
140	58	28	181	73	28	14	1.31E+01	6.84E-01	1.07E+01	5.83E+00	4.76E-01	8.15E+00	1.02E+00	
140	58	28	181	73	30	15	4.27E+00	2.47E-01	6.17E+00	5.26E+00	4.23E-01	4.37E+00	5.11E-01	
140	58	28	181	73	32	16	6.83E+00	2.89E-01	7.86E+00	4.79E+00	3.83E-01	5.20E+00	5.81E-01	
140	58	28	181	73	34	17	3.10E+00	1.64E-01	4.56E+00	4.38E+00	3.48E-01	2.84E+00	3.10E-01	
140	58	28	181	73	36	18	4.66E+00	1.70E-01	5.59E+00	3.99E+00	3.14E-01	3.30E+00	3.60E-01	
140	58	28	181	73	38	19	2.47E+00	9.51E-02	3.08E+00	3.61E+00	2.83E-01	1.74E+00	1.91E-01	
140	58	28	181	73	40	20	3.88E+00	1.27E-01	4.06E+00	3.24E+00	2.56E-01	2.24E+00	2.48E-01	
140	58	28	181	73	42	21	2.04E+00	6.97E-02	2.33E+00	2.90E+00	2.37E-01	1.28E+00	1.42E-01	
140	58	28	181	73	44	22	2.94E+00	8.99E-02	2.98E+00	2.61E+00	2.24E-01	1.69E+00	1.86E-01	
140	58	28	181	73	46	23	2.04E+00	6.52E-02	2.07E+00	2.40E+00	2.19E-01	1.27E+00	1.39E-01	
140	58	28	181	73	48	24	2.49E+00	7.69E-02	3.05E+00	2.32E+00	2.22E-01	2.14E+00	2.38E-01	
140	58	28	181	73	50	25	1.90E+00	5.76E-02	2.35E+00	2.37E+00	2.34E-01	2.04E+00	2.40E-01	
140	58	28	181	73	52	26	2.41E+00	6.69E-02	3.73E+00	2.53E+00	2.52E-01	4.45E+00	5.83E-01	
140	58	28	181	73	54	27	2.17E+00	8.82E-02	2.95E+00	2.52E+00	2.67E-01	5.39E+00	8.19E-01	
140	58	28	181	73	56	28	4.42E+00	1.86E-01	6.30E+00	1.73E+00	2.34E-01	1.99E+01	3.58E+00	
140	58	28	181	73	11	5	3.43E+01	4.64E+00	8.73E+00	1.94E+01	3.83E+00	2.09E+01	4.35E+00	
140	58	28	181	73	13	6	2.51E+01	1.23E+00	4.62E+00	1.72E+01	2.34E+00	9.40E+00	1.73E+00	
140	58	28	181	73	15	7	2.57E+01	1.21E+00	1.26E+01	1.56E+01	1.59E+00	2.19E+01	3.70E+00	
140	58	28	181	73	17	8	1.09E+01	5.12E-01	8.74E+00	1.44E+01	1.29E+00	1.29E+01	2.05E+00	
140	58	28	181	73	19	9	9.20E+00	4.11E-01	1.59E+01	1.35E+01	1.16E+00	2.02E+01	3.04E+00	
140	58	28	181	73	21	10	1.27E+01	5.29E-01	1.33E+01	1.28E+01	1.07E+00	1.47E+01	2.09E+00	
140	58	28	181	73	23	11	1.45E+01	5.66E-01	2.09E+01	1.24E+01	9.84E-01	2.01E+01	2.70E+00	
140	58	28	181	73	25	12	1.51E+01	5.60E-01	1.83E+01	1.22E+01	9.08E-01	1.57E+01	1.97E+00	
140	58	28	181	73	27	13	1.80E+01	6.33E-01	2.18E+01	1.22E+01	8.69E-01	1.68E+01	1.97E+00	
140	58	28	181	73	29	14	1.87E+01	6.16E-01	2.09E+01	1.23E+01	8.73E-01	1.46E+01	1.61E+00	
140	58	28	181	73	31	15	1.60E+01	4.96E-01	2.12E+01	1.26E+01	9.07E-01	1.36E+01	1.43E+00	
140	58	28	181	73	33	16	1.71E+01	4.92E-01	2.12E+01	1.29E+01	9.45E-01	1.27E+01	1.28E+00	
140	58	28	181	73	35	17	1.48E+01	4.00E-01	1.99E+01	1.32E+01	9.67E-01	1.12E+01	1.11E+00	
140	58	28	181	73	37	18	1.49E+01	3.73E-01	1.90E+01	1.33E+01	9.67E-01	1.03E+01	1.01E+00	
140	58	28	181	73	39	19	1.37E+01	3.48E-01	1.67E+01	1.32E+01	9.48E-01	8.81E+00	8.66E-01	
140	58	28	181	73	41	20	1.56E+01	3.86E-01	1.82E+01	1.29E+01	9.23E-01	9.61E+00	9.45E-01	
140	58	28	181	73	43	21	1.24E+01	3.15E-01	1.39E+01	1.25E+01	9.02E-01	7.57E+00	7.42E-01	
140	58	28	181	73	45	22	1.36E+01	3.40E-01	1.74E+01	1.21E+01	8.94E-01	1.01E+01	9.87E-01	
140	58	28	181	73	47	23	1.18E+01	3.00E-01	1.38E+01	1.20E+01	9.09E-01	9.14E+00	8.92E-01	
140	58	28	181	73	49	24	1.28E+01	3.27E-01	1.87E+01	1.24E+01	9.62E-01	1.52E+01	1.53E+00	
140	58	28	181	73	51	25	1.18E+01	3.18E-01	1.57E+01	1.35E+01	1.07E+00	1.69E+01	1.84E+00	
140	58	28	181	73	53	26	1.37E+01	3.79E-01	2.27E+01	1.52E+01	1.25E+00	3.63E+01	4.49E+00	
140	58	28	181	73	55	27	1.46E+01	4.73E-01	2.04E+01	1.54E+01	1.52E+00	5.36E+01	7.76E+00	
140	58	28	181	73	57	28	2.47E+01	2.85E+00	6.36E+01	9.69E+00	1.36E+00	3.05E+02	5.25E+01	
140	58	28	181	73	12	5	3.17E+00	3.55E-01	7.43E-01	4.35E+00	8.11E-01	2.12E+00	4.14E-01	
140	58	28	181	73	14	6	7.48E+00	3.94E-01	2.79E+00	4.55E+00	5.92E-01	6.41E+00	1.03E+00	
140	58	28	181	73	16	7	2.10E+00	1.01E-01	1.85E+00	4.84E+00	4.83E-01	3.44E+00	4.84E-01	
140	58	28	181	73	18	8	4.24E+00	1.90E-01	3.90E+00	5.22E+00	4.62E-01	5.96E+00	7.71E-01	
140	58	28	181	73	20	9	4.03E+00	1.75E-01	3.54E+00	5.69E+00	4.82E-01	4.49E+00	5.53E-01	
140	58	28	181	73	22	10	7.87E+00	3.04E-01	7.30E+00	6.29E+00	5.09E-01	7.80E+00	9.27E-01	
140	58	28	181	73	24	11	5.97E+00	2.32E-01	6.52E+00	7.04E+00	5.34E-01	5.97E+00	6.85E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	58	28	181	73	26	12	1.01E+01	3.61E-01	1.22E+01	7.99E+00	5.67E-01	9.68E+00	1.07E+00	
140	58	28	181	73	28	13	8.30E+00	2.80E-01	1.14E+01	9.17E+00	6.29E-01	8.04E+00	8.47E-01	
140	58	28	181	73	30	14	1.64E+01	4.98E-01	1.98E+01	1.06E+01	7.33E-01	1.26E+01	1.27E+00	
140	58	28	181	73	32	15	1.17E+01	3.39E-01	1.77E+01	1.23E+01	8.72E-01	1.03E+01	9.92E-01	
140	58	28	181	73	34	16	1.90E+01	4.95E-01	2.92E+01	1.42E+01	1.03E+00	1.59E+01	1.48E+00	
140	58	28	181	73	36	17	1.55E+01	3.77E-01	2.34E+01	1.62E+01	1.17E+00	1.21E+01	1.10E+00	
140	58	28	181	73	38	18	2.13E+01	4.93E-01	3.73E+01	1.81E+01	1.29E+00	1.87E+01	1.69E+00	
140	58	28	181	73	40	19	1.97E+01	4.61E-01	2.86E+01	1.98E+01	1.39E+00	1.43E+01	1.28E+00	
140	58	28	181	73	42	20	2.50E+01	5.85E-01	4.02E+01	2.12E+01	1.47E+00	2.06E+01	1.85E+00	
140	58	28	181	73	44	21	2.40E+01	5.70E-01	3.08E+01	2.23E+01	1.53E+00	1.70E+01	1.51E+00	
140	58	28	181	73	46	22	3.07E+01	7.41E-01	4.30E+01	2.35E+01	1.62E+00	2.67E+01	2.38E+00	
140	58	28	181	73	48	23	2.80E+01	6.59E-01	3.49E+01	2.51E+01	1.74E+00	2.61E+01	2.36E+00	
140	58	28	181	73	50	24	3.43E+01	8.12E-01	4.78E+01	2.80E+01	1.96E+00	4.67E+01	4.43E+00	
140	58	28	181	73	52	25	3.37E+01	8.13E-01	4.01E+01	3.28E+01	2.35E+00	5.60E+01	5.83E+00	
140	58	28	181	73	54	26	4.50E+01	1.18E+00	5.88E+01	3.88E+01	3.05E+00	1.30E+02	1.55E+01	
140	58	28	181	73	56	27	5.06E+01	1.22E+00	5.97E+01	3.91E+01	4.05E+00	2.29E+02	3.20E+01	
140	58	28	181	73	17	7	8.24E-01	4.04E-02	5.82E-01	7.28E-01	7.75E-02	1.15E+02	1.59E-01	
140	58	28	181	73	19	8	7.09E-01	3.50E-02	4.87E-01	9.10E-01	8.58E-02	7.56E-01	9.10E-02	
140	58	28	181	73	21	9	1.42E+00	6.42E-02	1.18E+00	1.15E+00	1.02E-01	1.47E+00	1.63E-01	
140	58	28	181	73	23	10	1.15E+00	4.53E-02	1.11E+00	1.46E+00	1.21E-01	1.14E+00	1.21E-01	
140	58	28	181	73	25	11	1.81E+00	6.94E-02	2.37E+00	1.89E+00	1.45E-01	2.03E+00	2.11E-01	
140	58	28	181	73	27	12	1.88E+00	7.11E-02	2.36E+00	2.45E+00	1.76E-01	1.73E+00	1.76E-01	
140	58	28	181	73	29	13	2.87E+00	1.01E-01	4.99E+00	3.22E+00	2.23E-01	3.20E+00	3.16E-01	
140	58	28	181	73	31	14	3.18E+00	1.04E-01	4.75E+00	4.23E+00	2.94E-01	2.73E+00	2.61E-01	
140	58	28	181	73	33	15	4.47E+00	1.33E-01	9.76E+00	5.54E+00	3.92E-01	5.14E+00	4.74E-01	
140	58	28	181	73	35	16	5.69E+00	1.52E-01	8.75E+00	7.17E+00	5.12E-01	4.32E+00	3.87E-01	
140	58	28	181	73	37	17	7.71E+00	1.89E-01	1.73E+01	9.10E+00	6.45E-01	8.23E+00	7.20E-01	
140	58	28	181	73	39	18	1.01E+01	2.44E-01	1.60E+01	1.12E+01	7.80E-01	7.53E+00	6.50E-01	
140	58	28	181	73	41	19	1.20E+01	2.74E-01	2.46E+01	1.35E+01	9.13E-01	1.18E+01	1.01E+00	
140	58	28	181	73	43	20	1.80E+01	4.27E-01	2.60E+01	1.57E+01	1.05E+00	1.33E+01	1.14E+00	
140	58	28	181	73	45	21	2.21E+01	5.30E-01	3.23E+01	1.80E+01	1.18E+00	1.85E+01	1.57E+00	
140	58	28	181	73	47	22	2.78E+01	6.38E-01	3.46E+01	2.04E+01	1.34E+00	2.36E+01	2.02E+00	
140	58	28	181	73	49	23	3.19E+01	7.43E-01	3.92E+01	2.36E+01	1.57E+00	3.43E+01	3.01E+00	
140	58	28	181	73	51	24	3.91E+01	9.16E-01	4.20E+01	2.83E+01	1.93E+00	5.11E+01	4.77E+00	
140	58	28	181	73	53	25	4.59E+01	1.16E+00	4.55E+01	3.53E+01	2.55E+00	8.46E+01	8.69E+00	
140	58	28	181	73	55	26	5.73E+01	1.91E+00	4.77E+01	4.33E+01	3.64E+00	1.48E+02	1.73E+01	
140	58	28	181	73	57	27	9.83E+01	2.27E+01	6.78E+01	4.27E+01	4.91E+00	3.75E+02	5.23E+01	
140	58	28	181	73	20	8	1.03E-01	1.02E-02	1.18E-01	9.01E-02	9.46E-03	1.82E-01	2.35E-02	
140	58	28	181	73	22	9	1.67E-01	6.60E-03	1.13E-01	1.30E-01	1.24E-02	1.37E-01	1.54E-02	
140	58	28	181	73	24	10	2.54E-01	1.27E-02	3.92E-01	1.89E-01	1.65E-02	2.65E-01	2.78E-02	
140	58	28	181	73	26	11	2.64E-01	1.19E-02	2.80E-01	2.78E-01	2.21E-02	2.22E-01	2.25E-02	
140	58	28	181	73	28	12	4.08E-01	2.19E-02	6.64E-01	4.11E-01	3.03E-02	4.45E-01	4.41E-02	
140	58	28	181	73	30	13	4.01E-01	1.65E-02	6.69E-01	6.09E-01	4.32E-02	3.90E-01	3.78E-02	
140	58	28	181	73	32	14	6.19E-01	2.28E-02	1.58E+00	9.00E-01	6.35E-02	8.21E-01	7.77E-02	
140	58	28	181	73	34	15	7.83E-01	2.69E-02	1.50E+00	1.32E+00	9.33E-02	7.20E-01	6.62E-02	
140	58	28	181	73	36	16	1.37E+00	4.07E-02	3.50E+00	1.89E+00	1.33E-01	1.58E+00	1.42E-01	
140	58	28	181	73	38	17	1.61E+00	4.14E-02	3.42E+00	2.65E+00	1.83E-01	1.51E+00	1.33E-01	
140	58	28	181	73	40	18	2.67E+00	6.43E-02	6.72E+00	3.59E+00	2.41E-01	3.01E+00	2.60E-01	
140	58	28	181	73	42	19	3.59E+00	9.61E-02	6.68E+00	4.68E+00	3.06E-01	3.16E+00	2.71E-01	
140	58	28	181	73	44	20	6.69E+00	1.71E-01	1.13E+01	5.90E+00	3.79E-01	5.92E+00	5.06E-01	
140	58	28	181	73	46	21	7.22E+00	1.70E-01	1.07E+01	7.26E+00	4.64E-01	6.60E+00	5.66E-01	
140	58	28	181	73	48	22	1.23E+01	2.85E-01	1.60E+01	8.84E+00	5.73E-01	1.24E+01	1.08E+00	
140	58	28	181	73	50	23	1.37E+01	3.21E-01	1.41E+01	1.09E+01	7.35E-01	1.48E+01	1.33E+00	
140	58	28	181	73	52	24	2.00E+01	4.81E-01	2.01E+01	1.39E+01	1.00E+00	3.13E+01	2.98E+00	
140	58	28	181	73	54	25	1.83E+01	4.69E-01	1.55E+01	1.82E+01	1.45E+00	3.89E+01	4.06E+00	
140	58	28	181	73	56	26	3.01E+01	7.56E-01	1.82E+01	2.26E+01	2.19E+00	7.87E+01	9.49E+00	
140	58	28	181	73	58	27	6.91E+00	7.44E-01	1.20E+01	2.10E+01	2.78E+00	9.07E+01	1.37E+01	
140	58	28	181	73	25	10	1.92E-02	9.20E-04	2.02E-02	1.57E-02	1.49E-03	1.81E-02	2.01E-03	
140	58	28	181	73	27	11	4.66E-02	1.69E-03	5.97E-02	2.60E-02	2.21E-03	4.34E-02	4.54E-03	
140	58	28	181	73	29	12	3.05E-02	1.07E-03	5.47E-02	4.30E-02	3.37E-03	3.33E-02	3.39E-03	
140	58	28	181	73	31	13	7.79E-02	2.70E-03	1.59E-01	7.13E-02	5.32E-03	8.35E-02	8.33E-03	
140	58	28	181	73	33	14	5.93E-02	2.79E-03	1.39E-01	1.17E-01	8.57E-03	6.54E-02	6.40E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	58	28	181	73	35	15	1.49E-01	6.81E-03	4.06E-01	1.89E-01	1.37E-02	1.77E-01	1.70E-02
	140	58	28	181	73	37	16	1.84E-01	6.15E-03	3.97E-01	2.98E-01	2.12E-02	1.66E-01	1.55E-02
	140	58	28	181	73	39	17	3.56E-01	1.31E-02	9.01E-01	4.55E-01	3.14E-02	3.76E-01	3.46E-02
	140	58	28	181	73	41	18	5.03E-01	1.34E-02	9.46E-01	6.65E-01	4.46E-02	4.11E-01	3.73E-02
	140	58	28	181	73	43	19	8.85E-01	2.23E-02	1.86E+00	9.32E-01	6.09E-02	8.83E-01	7.95E-02
	140	58	28	181	73	45	20	1.17E+00	3.06E-02	1.83E+00	1.25E+00	8.12E-02	1.01E+00	9.06E-02
	140	58	28	181	73	47	21	1.82E+00	4.58E-02	3.02E+00	1.64E+00	1.07E-01	2.05E+00	1.85E-01
	140	58	28	181	73	49	22	2.40E+00	5.88E-02	2.71E+00	2.11E+00	1.44E-01	2.45E+00	2.25E-01
	140	58	28	181	73	51	23	3.37E+00	8.27E-02	4.13E+00	2.73E+00	2.02E-01	5.38E+00	5.10E-01
	140	58	28	181	73	53	24	3.74E+00	1.06E-01	3.19E+00	3.62E+00	2.99E-01	6.48E+00	6.50E-01
	140	58	28	181	73	55	25	4.71E+00	1.38E-01	3.26E+00	4.86E+00	4.63E-01	1.10E+01	1.23E+00
	140	58	28	181	73	57	26	2.92E+00	4.64E-01	1.48E+00	5.96E+00	6.98E-01	8.51E+00	1.16E+00
	140	58	28	181	73	59	27	3.46E+00	3.05E-01	1.91E-01	4.95E+00	7.85E-01	1.77E+00	3.27E-01
	140	58	28	181	73	28	11	3.98E-03	5.88E-04	3.32E-03	1.73E-03	1.71E-04	2.20E-03	2.46E-04
	140	58	28	181	73	30	12	5.93E-03	3.81E-04	9.67E-03	3.18E-03	2.85E-04	5.32E-03	5.74E-04
	140	58	28	181	73	32	13	6.56E-03	2.71E-04	8.48E-03	5.80E-03	4.90E-04	4.03E-03	4.27E-04
	140	58	28	181	73	34	14	9.44E-03	3.38E-04	2.95E-02	1.04E-02	8.49E-04	1.26E-02	1.32E-03
	140	58	28	181	73	36	15	1.42E-02	5.55E-04	2.74E-02	1.84E-02	1.45E-03	1.10E-02	1.13E-03
	140	58	28	181	73	38	16	2.74E-02	9.67E-04	7.03E-02	3.13E-02	2.39E-03	2.75E-02	2.77E-03
	140	58	28	181	73	40	17	5.05E-02	1.60E-03	7.86E-02	5.12E-02	3.78E-03	3.14E-02	3.12E-03
	140	58	28	181	73	42	18	8.09E-02	4.15E-03	1.67E-01	7.98E-02	5.71E-03	7.16E-02	7.03E-03
	140	58	28	181	73	44	19	1.30E-01	3.92E-03	1.81E-01	1.18E-01	8.29E-03	8.85E-02	8.62E-03
	140	58	28	181	73	46	20	1.87E-01	1.01E-02	3.22E-01	1.67E-01	1.17E-02	1.91E-01	1.85E-02
	140	58	28	181	73	48	21	2.54E-01	9.63E-03	2.86E-01	2.27E-01	1.64E-02	2.21E-01	2.16E-02
	140	58	28	181	73	50	22	4.02E-01	1.40E-02	4.77E-01	3.04E-01	2.34E-02	5.18E-01	5.13E-02
	140	58	28	181	73	52	23	4.40E-01	1.70E-02	3.82E-01	4.05E-01	3.49E-02	6.28E-01	6.43E-02
	140	58	28	181	73	54	24	7.17E-01	1.95E-02	4.14E-01	5.48E-01	5.44E-02	1.10E+00	1.22E-01
	140	58	28	181	73	56	25	6.60E-01	2.46E-02	1.35E-01	7.32E-01	8.59E-02	5.95E-01	7.78E-02
	140	58	28	181	73	58	26	9.51E-01	1.44E-01	2.55E-02	8.48E-01	1.23E-01	1.79E-01	3.09E-02
	140	58	28	181	73	31	12	5.08E-04	8.98E-05	3.52E-04	1.81E-04	2.00E-05	1.74E-04	2.03E-05
	140	58	28	181	73	35	14	7.05E-04	8.39E-05	1.21E-03	6.98E-04	6.78E-05	4.70E-04	5.34E-05
	140	58	28	181	73	37	15	2.10E-03	1.21E-04	3.63E-03	1.32E-03	1.22E-04	1.34E-03	1.51E-04
	140	58	28	181	73	39	16	2.71E-03	1.21E-04	3.91E-03	2.39E-03	2.11E-04	1.44E-03	1.60E-04
	140	58	28	181	73	41	17	7.15E-03	3.35E-04	9.43E-03	4.13E-03	3.50E-04	3.66E-03	4.00E-04
	140	58	28	181	73	43	18	7.37E-03	3.17E-04	1.05E-02	6.74E-03	5.53E-04	4.56E-03	4.92E-04
	140	58	28	181	73	45	19	1.35E-02	5.45E-04	2.06E-02	1.04E-02	8.37E-04	1.06E-02	1.13E-03
	140	58	28	181	73	47	20	1.42E-02	6.22E-04	1.84E-02	1.51E-02	1.22E-03	1.21E-02	1.28E-03
	140	58	28	181	73	49	21	2.04E-02	8.20E-04	3.22E-02	2.11E-02	1.76E-03	2.89E-02	3.08E-03
	140	58	28	181	73	51	22	2.30E-02	1.11E-03	2.69E-02	2.86E-02	2.59E-03	3.57E-02	3.88E-03
	140	58	28	181	73	53	23	3.07E-02	1.26E-03	3.25E-02	3.84E-02	3.96E-03	6.77E-02	7.80E-03
	140	58	28	181	73	55	24	2.63E-02	2.08E-03	1.08E-02	5.15E-02	6.25E-03	3.64E-02	4.81E-03
	140	58	28	181	73	57	25	3.30E-02	6.16E-03	2.21E-03	6.61E-02	9.64E-03	1.18E-02	1.98E-03
	140	58	28	181	73	59	26	2.30E-02	3.31E-03	4.91E-06	6.91E-02	1.26E-02	3.61E-05	8.47E-06
	140	58	28	181	73	38	15	2.12E-04	4.29E-05	1.33E-04	7.42E-05	8.40E-06	4.58E-05	5.68E-06
	140	58	28	181	73	40	16	3.66E-04	4.35E-05	3.35E-04	1.41E-04	1.51E-05	1.19E-04	1.45E-05
	140	58	28	181	73	42	17	5.67E-04	2.89E-05	3.88E-04	2.53E-04	2.59E-05	1.50E-04	1.80E-05
	140	58	28	181	73	44	18	6.96E-04	3.90E-05	8.28E-04	4.26E-04	4.20E-05	3.70E-04	4.39E-05
	140	58	28	181	73	46	19	1.02E-03	1.30E-04	7.62E-04	6.71E-04	6.46E-05	4.23E-04	4.95E-05
	140	58	28	181	73	48	20	8.98E-04	1.51E-04	1.33E-03	9.90E-04	9.52E-05	9.86E-04	1.15E-04
	140	58	28	181	73	50	21	8.49E-04	9.74E-05	1.18E-03	1.38E-03	1.38E-04	1.25E-03	1.47E-04
	140	58	28	181	73	52	22	9.38E-04	1.33E-04	1.53E-03	1.86E-03	2.02E-04	2.50E-03	3.06E-04
	140	58	28	181	73	54	23	1.25E-03	3.22E-04	6.45E-04	2.45E-03	3.07E-04	1.66E-03	2.29E-04
	140	58	28	181	73	47	19	5.89E-05	1.13E-05	3.66E-05	3.31E-05	3.85E-06	2.24E-05	2.86E-06
	140	58	28	181	73	49	20	4.05E-05	1.06E-05	3.22E-05	4.85E-05	5.61E-06	2.75E-05	3.50E-06
	140	58	28	181	73	51	21	5.27E-05	1.33E-05	4.52E-05	6.65E-05	7.97E-06	5.74E-05	7.55E-06
	140	58	28	181	73	60	28	3.94E+00	6.38E-01	1.04E+00	8.10E+00	1.57E+00	1.27E+01	2.65E+00
[21]	140	64	28	9	4	17	9	6.41E-02	1.67E-02	3.36E-01	2.46E-01	3.17E-02	1.73E-01	1.98E-02
	140	64	28	9	4	19	10	7.50E-02	1.66E-02	7.61E-01	1.82E-01	2.15E-02	3.56E-01	3.74E-02
	140	64	28	9	4	10	5	2.20E+00	4.98E-01	1.18E+00	4.21E+00	7.34E-01	2.66E+00	6.21E-01
	140	64	28	9	4	12	6	4.37E+00	8.93E-01	2.37E+00	2.74E+00	3.99E-01	3.37E+00	6.19E-01
	140	64	28	9	4	14	7	1.60E+00	2.58E-01	1.40E+00	1.95E+00	2.41E-01	1.42E+00	2.07E-01
	140	64	28	9	4	16	8	2.87E+00	5.45E-01	2.83E+00	1.50E+00	1.62E-01	2.25E+00	2.69E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	64	28	9	4	18	9	5.78E-01	1.17E-01	1.56E+00	1.23E+00	1.19E-01	1.06E+00	1.08E-01	
140	64	28	9	4	20	10	1.20E+00	2.21E-01	2.74E+00	1.05E+00	9.50E-02	1.67E+00	1.56E-01	
140	64	28	9	4	22	11	8.07E-01	1.12E-01	1.64E+00	9.37E-01	8.07E-02	9.43E-01	8.48E-02	
140	64	28	9	4	24	12	1.79E+00	3.40E-01	2.69E+00	8.52E-01	7.13E-02	1.51E+00	1.35E-01	
140	64	28	9	4	26	13	9.27E-01	1.71E-01	1.52E+00	7.82E-01	6.43E-02	8.55E-01	7.63E-02	
140	64	28	9	4	28	14	2.15E+00	3.90E-01	2.27E+00	7.16E-01	5.82E-02	1.30E+00	1.17E-01	
140	64	28	9	4	30	15	5.81E-01	1.05E-01	1.36E+00	6.45E-01	5.24E-02	8.05E-01	7.17E-02	
140	64	28	9	4	32	16	1.12E+00	1.97E-01	1.77E+00	5.69E-01	4.66E-02	1.09E+00	9.66E-02	
140	64	28	9	4	34	17	4.35E-01	6.67E-02	1.04E+00	4.88E-01	4.10E-02	6.66E-01	5.84E-02	
140	64	28	9	4	36	18	7.23E-01	1.14E-01	1.26E+00	4.07E-01	3.55E-02	8.43E-01	7.35E-02	
140	64	28	9	4	38	19	3.12E-01	5.21E-02	6.69E-01	3.31E-01	3.02E-02	4.65E-01	4.03E-02	
140	64	28	9	4	42	21	2.15E-01	6.74E-02	4.08E-01	2.06E-01	2.00E-02	3.06E-01	2.65E-02	
140	64	28	9	4	44	22	2.96E-01	6.74E-02	4.18E-01	1.58E-01	1.53E-02	3.26E-01	2.84E-02	
140	64	28	9	4	46	23	1.34E-01	3.42E-02	2.08E-01	1.18E-01	1.12E-02	1.69E-01	1.49E-02	
140	64	28	9	4	48	24	1.47E-01	3.16E-02	1.95E-01	8.65E-02	7.78E-03	1.66E-01	1.50E-02	
140	64	28	9	4	50	25	7.77E-02	1.66E-02	8.89E-02	6.08E-02	5.20E-03	8.02E-02	7.53E-03	
140	64	28	9	4	52	26	5.53E-02	1.21E-02	7.56E-02	4.00E-02	3.52E-03	7.35E-02	7.28E-03	
140	64	28	9	4	54	27	2.42E-02	6.91E-03	2.50E-02	2.33E-02	2.37E-03	2.68E-02	2.84E-03	
140	64	28	9	4	56	28	8.97E-03	1.60E-03	1.34E-02	1.04E-02	1.30E-03	1.62E-02	1.86E-03	
140	64	28	9	4	11	5	3.68E+00	3.66E-01	1.33E+00	3.88E+00	5.77E-01	3.86E+00	8.42E-01	
140	64	28	9	4	13	6	5.85E+00	1.32E+00	7.50E-01	3.01E+00	3.66E-01	1.38E+00	2.37E-01	
140	64	28	9	4	15	7	3.67E+00	1.06E+00	2.17E+00	2.54E+00	2.60E-01	2.85E+00	3.87E-01	
140	64	28	9	4	17	8	1.89E+00	1.72E-01	1.58E+00	2.30E+00	2.05E-01	1.62E+00	1.79E-01	
140	64	28	9	4	19	9	1.86E+00	3.52E-01	3.01E+00	2.21E+00	1.80E-01	2.60E+00	2.44E-01	
140	64	28	9	4	21	10	2.45E+00	2.00E-01	2.63E+00	2.22E+00	1.73E-01	2.02E+00	1.72E-01	
140	64	28	9	4	23	11	3.22E+00	4.52E-01	4.21E+00	2.30E+00	1.75E-01	3.01E+00	2.45E-01	
140	64	28	9	4	25	12	3.41E+00	5.74E-01	3.75E+00	2.41E+00	1.82E-01	2.58E+00	2.07E-01	
140	64	28	9	4	27	13	4.50E+00	7.61E-01	4.60E+00	2.55E+00	1.90E-01	3.11E+00	2.50E-01	
140	64	28	9	4	29	14	4.84E+00	6.94E-01	4.52E+00	2.67E+00	1.97E-01	3.06E+00	2.45E-01	
140	64	28	9	4	31	15	4.63E+00	4.11E-01	4.68E+00	2.74E+00	2.01E-01	3.21E+00	2.55E-01	
140	64	28	9	4	33	16	4.64E+00	4.00E-01	4.73E+00	2.74E+00	2.03E-01	3.31E+00	2.59E-01	
140	64	28	9	4	35	17	4.44E+00	3.75E-01	4.46E+00	2.67E+00	2.01E-01	3.18E+00	2.46E-01	
140	64	28	9	4	37	18	3.95E+00	6.44E-01	4.20E+00	2.53E+00	1.97E-01	3.07E+00	2.34E-01	
140	64	28	9	4	39	19	3.49E+00	2.99E-01	3.56E+00	2.33E+00	1.89E-01	2.65E+00	2.00E-01	
140	64	28	9	4	41	20	3.72E+00	6.05E-01	3.62E+00	2.10E+00	1.78E-01	2.76E+00	2.06E-01	
140	64	28	9	4	43	21	2.69E+00	5.35E-01	2.45E+00	1.86E+00	1.63E-01	1.91E+00	1.42E-01	
140	64	28	9	4	45	22	2.56E+00	2.45E-01	2.52E+00	1.62E+00	1.43E-01	2.02E+00	1.51E-01	
140	64	28	9	4	47	23	1.92E+00	1.81E-01	1.51E+00	1.39E+00	1.20E-01	1.25E+00	9.50E-02	
140	64	28	9	4	49	24	1.65E+00	1.52E-01	1.45E+00	1.15E+00	9.42E-02	1.25E+00	9.85E-02	
140	64	28	9	4	51	25	1.17E+00	1.34E-01	7.99E-01	9.25E-01	7.13E-02	7.27E-01	6.08E-02	
140	64	28	9	4	53	26	8.52E-01	9.12E-02	6.65E-01	6.96E-01	5.44E-02	6.52E-01	5.86E-02	
140	64	28	9	4	55	27	3.94E-01	4.56E-02	2.56E-01	4.60E-01	4.15E-02	2.77E-01	2.71E-02	
140	64	28	9	4	57	28	1.87E-01	4.93E-02	1.32E-01	2.27E-01	2.52E-02	1.62E-01	1.74E-02	
140	64	28	9	4	12	5	9.99E-01	1.13E-01	1.28E-01	1.47E+00	1.96E-01	4.65E-01	9.61E-02	
140	64	28	9	4	14	6	1.64E+00	1.43E-01	5.21E-01	1.35E+00	1.46E-01	1.21E+00	1.97E-01	
140	64	28	9	4	16	7	6.07E-01	6.04E-02	3.71E-01	1.35E+00	1.23E-01	6.17E-01	7.95E-02	
140	64	28	9	4	18	8	9.27E-01	1.16E-01	8.39E-01	1.44E+00	1.16E-01	1.08E+00	1.13E-01	
140	64	28	9	4	20	9	1.46E+00	1.07E-01	8.09E-01	1.62E+00	1.22E-01	8.69E-01	7.71E-02	
140	64	28	9	4	22	10	2.30E+00	1.62E-01	1.76E+00	1.90E+00	1.39E-01	1.66E+00	1.33E-01	
140	64	28	9	4	24	11	1.98E+00	1.48E-01	1.65E+00	2.29E+00	1.66E-01	1.43E+00	1.09E-01	
140	64	28	9	4	26	12	3.37E+00	2.78E-01	3.21E+00	2.78E+00	2.00E-01	2.62E+00	1.96E-01	
140	64	28	9	4	28	13	3.37E+00	2.67E-01	3.12E+00	3.38E+00	2.41E-01	2.47E+00	1.82E-01	
140	64	28	9	4	30	14	6.34E+00	5.04E-01	5.59E+00	4.06E+00	2.84E-01	4.34E+00	3.17E-01	
140	64	28	9	4	32	15	5.30E+00	4.36E-01	5.08E+00	4.77E+00	3.28E-01	3.92E+00	2.82E-01	
140	64	28	9	4	34	16	8.32E+00	6.63E-01	8.35E+00	5.45E+00	3.71E-01	6.43E+00	4.55E-01	
140	64	28	9	4	36	17	7.47E+00	5.94E-01	6.44E+00	6.05E+00	4.12E-01	4.97E+00	3.44E-01	
140	64	28	9	4	38	18	9.43E+00	7.46E-01	9.94E+00	6.53E+00	4.53E-01	7.71E+00	5.24E-01	
140	64	28	9	4	40	19	8.50E+00	6.64E-01	7.41E+00	6.88E+00	4.92E-01	5.78E+00	3.86E-01	
140	64	28	9	4	42	20	9.88E+00	8.47E-01	9.89E+00	7.11E+00	5.27E-01	7.78E+00	5.14E-01	
140	64	28	9	4	44	21	8.85E+00	7.71E-01	6.96E+00	7.23E+00	5.54E-01	5.54E+00	3.65E-01	
140	64	28	9	4	46	22	1.07E+01	9.02E-01	8.52E+00	7.24E+00	5.63E-01	6.87E+00	4.60E-01	
140	64	28	9	4	48	23	8.84E+00	7.38E-01	5.73E+00	7.12E+00	5.48E-01	4.73E+00	3.28E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	64	28	9	4	50	24	8.91E+00	7.42E-01	6.20E+00	6.84E+00	5.06E-01	5.31E+00	3.88E-01	
140	64	28	9	4	52	25	7.12E+00	6.30E-01	3.83E+00	6.36E+00	4.51E-01	3.46E+00	2.72E-01	
140	64	28	9	4	54	26	5.89E+00	4.97E-01	3.51E+00	5.55E+00	4.07E-01	3.41E+00	2.93E-01	
140	64	28	9	4	56	27	3.31E+00	3.05E-01	1.49E+00	4.22E+00	3.60E-01	1.61E+00	1.51E-01	
140	64	28	9	4	58	28	1.45E+00	1.64E-01	7.90E-01	2.33E+00	2.42E-01	9.76E-01	1.01E-01	
140	64	28	9	4	60	29	3.29E-01	4.96E-02	1.03E-01	6.07E-01	7.66E-02	1.51E-01	1.71E-02	
140	64	28	9	4	13	5	1.58E-01	5.82E-02	8.09E-02	2.74E-01	3.40E-02	3.61E-01	7.19E-02	
140	64	28	9	4	15	6	1.69E-01	7.94E-02	4.72E-02	2.97E-01	3.00E-02	1.36E-01	2.14E-02	
140	64	28	9	4	17	7	3.40E-01	3.18E-02	1.47E-01	3.47E-01	2.97E-02	3.01E-01	3.79E-02	
140	64	28	9	4	19	8	3.06E-01	3.63E-02	1.34E-01	4.32E-01	3.31E-02	2.12E-01	2.18E-02	
140	64	28	9	4	21	9	6.23E-01	4.66E-02	3.52E-01	5.67E-01	4.08E-02	4.57E-01	3.99E-02	
140	64	28	9	4	23	10	5.95E-01	4.20E-02	3.57E-01	7.69E-01	5.43E-02	4.02E-01	3.15E-02	
140	64	28	9	4	25	11	1.09E+00	7.23E-02	8.11E-01	1.07E+00	7.48E-02	8.24E-01	6.07E-02	
140	64	28	9	4	27	12	1.12E+00	8.58E-02	8.54E-01	1.49E+00	1.04E-01	8.07E-01	5.76E-02	
140	64	28	9	4	29	13	1.90E+00	1.38E-01	1.89E+00	2.08E+00	1.43E-01	1.70E+00	1.19E-01	
140	64	28	9	4	31	14	2.28E+00	1.64E-01	1.88E+00	2.85E+00	1.93E-01	1.63E+00	1.12E-01	
140	64	28	9	4	33	15	3.51E+00	2.42E-01	4.02E+00	3.83E+00	2.52E-01	3.39E+00	2.27E-01	
140	64	28	9	4	35	16	4.49E+00	3.02E-01	3.73E+00	4.98E+00	3.21E-01	3.08E+00	2.01E-01	
140	64	28	9	4	37	17	6.46E+00	4.19E-01	7.58E+00	6.31E+00	3.99E-01	6.17E+00	3.94E-01	
140	64	28	9	4	39	18	7.96E+00	5.29E-01	7.16E+00	7.78E+00	4.88E-01	5.75E+00	3.59E-01	
140	64	28	9	4	41	19	9.19E+00	6.19E-01	1.11E+01	9.40E+00	5.91E-01	8.83E+00	5.42E-01	
140	64	28	9	4	43	20	1.12E+01	7.90E-01	1.15E+01	1.12E+01	7.14E-01	9.14E+00	5.57E-01	
140	64	28	9	4	45	21	1.36E+01	9.61E-01	1.36E+01	1.31E+01	8.57E-01	1.08E+01	6.62E-01	
140	64	28	9	4	47	22	1.58E+01	1.14E+00	1.37E+01	1.51E+01	1.01E+00	1.09E+01	6.91E-01	
140	64	28	9	4	49	23	1.72E+01	1.28E+00	1.42E+01	1.72E+01	1.16E+00	1.15E+01	7.67E-01	
140	64	28	9	4	51	24	1.83E+01	1.38E+00	1.35E+01	1.92E+01	1.27E+00	1.12E+01	8.04E-01	
140	64	28	9	4	53	25	1.77E+01	1.37E+00	1.22E+01	2.08E+01	1.37E+00	1.07E+01	8.37E-01	
140	64	28	9	4	55	26	1.59E+01	8.94E-01	9.72E+00	2.12E+01	1.50E+00	9.24E+00	7.92E-01	
140	64	28	9	4	57	27	1.38E+01	1.32E+00	6.03E+00	1.86E+01	1.56E+00	6.38E+00	5.99E-01	
140	64	28	9	4	59	28	6.88E+00	6.80E-01	2.92E+00	1.14E+01	1.15E+00	3.56E+00	3.65E-01	
140	64	28	9	4	16	6	2.52E-02	7.69E-03	1.48E-02	3.78E-02	4.02E-03	5.11E-02	7.99E-03	
140	64	28	9	4	18	7	4.19E-02	6.75E-03	1.57E-02	5.12E-02	4.67E-03	3.84E-02	4.85E-03	
140	64	28	9	4	20	8	8.67E-02	1.39E-02	4.51E-02	7.37E-02	5.95E-03	8.48E-02	8.83E-03	
140	64	28	9	4	22	9	1.14E-01	9.35E-03	4.82E-02	1.11E-01	8.24E-03	7.37E-02	6.56E-03	
140	64	28	9	4	24	10	1.96E-01	1.60E-02	1.28E-01	1.73E-01	1.22E-02	1.68E-01	1.34E-02	
140	64	28	9	4	26	11	2.32E-01	1.79E-02	1.42E-01	2.74E-01	1.88E-02	1.65E-01	1.22E-02	
140	64	28	9	4	28	12	3.84E-01	3.00E-02	3.64E-01	4.37E-01	2.94E-02	3.86E-01	2.73E-02	
140	64	28	9	4	30	13	4.56E-01	3.21E-02	3.93E-01	6.92E-01	4.58E-02	3.88E-01	2.65E-02	
140	64	28	9	4	32	14	7.82E-01	5.29E-02	9.85E-01	1.08E+00	7.02E-02	9.22E-01	6.11E-02	
140	64	28	9	4	34	15	1.08E+00	7.09E-02	9.96E-01	1.63E+00	1.05E-01	8.91E-01	5.73E-02	
140	64	28	9	4	36	16	1.92E+00	1.25E-01	2.45E+00	2.41E+00	1.52E-01	2.11E+00	1.32E-01	
140	64	28	9	4	38	17	2.49E+00	1.57E-01	2.53E+00	3.46E+00	2.12E-01	2.12E+00	1.28E-01	
140	64	28	9	4	40	18	4.05E+00	2.55E-01	5.28E+00	4.86E+00	2.89E-01	4.29E+00	2.54E-01	
140	64	28	9	4	42	19	5.58E+00	3.51E-01	5.61E+00	6.70E+00	3.86E-01	4.45E+00	2.61E-01	
140	64	28	9	4	44	20	7.46E+00	4.93E-01	1.02E+01	9.11E+00	5.17E-01	7.96E+00	4.68E-01	
140	64	28	9	4	46	21	9.05E+00	6.09E-01	1.06E+01	1.23E+01	6.99E-01	8.17E+00	4.91E-01	
140	64	28	9	4	48	22	1.33E+01	9.01E-01	1.73E+01	1.63E+01	9.49E-01	1.33E+01	8.37E-01	
140	64	28	9	4	50	23	1.54E+01	1.08E+00	1.60E+01	2.15E+01	1.27E+00	1.24E+01	8.33E-01	
140	64	28	9	4	52	24	1.97E+01	1.33E+00	2.30E+01	2.78E+01	1.67E+00	1.85E+01	1.35E+00	
140	64	28	9	4	54	25	2.12E+01	1.61E+00	1.85E+01	3.51E+01	2.20E+00	1.56E+01	1.25E+00	
140	64	28	9	4	56	26	2.51E+01	2.55E+00	2.24E+01	4.17E+01	2.93E+00	2.05E+01	1.79E+00	
140	64	28	9	4	58	27	2.00E+01	2.38E+00	1.33E+01	4.22E+01	3.54E+00	1.36E+01	1.30E+00	
140	64	28	9	4	60	28	2.01E+01	2.32E+00	8.85E+00	2.81E+01	2.83E+00	1.04E+01	1.08E+00	
140	64	28	9	4	19	7	5.73E-03	1.64E-03	3.58E-03	5.09E-03	5.86E-04	1.02E-02	1.33E-03	
140	64	28	9	4	21	8	8.17E-03	1.43E-03	3.71E-03	8.34E-03	8.36E-04	8.07E-03	8.75E-04	
140	64	28	9	4	23	9	2.19E-02	4.70E-03	1.21E-02	1.43E-02	1.25E-03	2.12E-02	1.98E-03	
140	64	28	9	4	25	10	1.93E-02	3.68E-03	1.27E-02	2.52E-02	1.97E-03	1.88E-02	1.57E-03	
140	64	28	9	4	27	11	5.67E-02	7.69E-03	4.28E-02	4.50E-02	3.20E-03	5.52E-02	4.25E-03	
140	64	28	9	4	29	12	4.90E-02	7.71E-03	5.07E-02	8.07E-02	5.37E-03	5.86E-02	4.25E-03	
140	64	28	9	4	31	13	1.43E-01	2.74E-02	1.61E-01	1.43E-01	9.19E-03	1.71E-01	1.18E-02	
140	64	28	9	4	33	14	1.33E-01	1.18E-02	1.55E-01	2.50E-01	1.58E-02	1.52E-01	1.00E-02	
140	64	28	9	4	35	15	3.47E-01	2.86E-02	4.93E-01	4.26E-01	2.67E-02	4.55E-01	2.89E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	64	28	9	4	37	16	4.96E-01	3.68E-02	5.25E-01	7.06E-01	4.39E-02	4.60E-01	2.82E-02	
140	64	28	9	4	39	17	9.82E-01	7.13E-02	1.31E+00	1.14E+00	6.95E-02	1.09E+00	6.49E-02	
140	64	28	9	4	41	18	1.56E+00	1.05E-01	1.53E+00	1.81E+00	1.06E-01	1.22E+00	7.11E-02	
140	64	28	9	4	43	19	2.80E+00	1.92E-01	3.41E+00	2.83E+00	1.57E-01	2.63E+00	1.52E-01	
140	64	28	9	4	45	20	2.97E+00	2.11E-01	3.94E+00	4.39E+00	2.32E-01	2.95E+00	1.73E-01	
140	64	28	9	4	47	21	4.73E+00	3.35E-01	7.97E+00	6.74E+00	3.50E-01	5.84E+00	3.54E-01	
140	64	28	9	4	49	22	6.51E+00	5.21E-01	8.76E+00	1.03E+01	5.40E-01	6.37E+00	4.09E-01	
140	64	28	9	4	51	23	9.57E+00	7.80E-01	1.62E+01	1.56E+01	8.41E-01	1.19E+01	8.24E-01	
140	64	28	9	4	53	24	1.21E+01	9.97E-01	1.65E+01	2.33E+01	1.31E+00	1.24E+01	9.41E-01	
140	64	28	9	4	55	25	1.84E+01	1.39E+00	2.82E+01	3.41E+01	2.09E+00	2.25E+01	1.86E+00	
140	64	28	9	4	57	26	2.10E+01	1.87E+00	2.39E+01	4.68E+01	3.32E+00	2.07E+01	1.87E+00	
140	64	28	9	4	59	27	3.25E+01	2.83E+00	2.92E+01	5.36E+01	4.55E+00	2.83E+01	2.78E+00	
140	64	28	9	4	61	28	2.70E+01	3.95E+00	1.61E+01	3.81E+01	3.82E+00	1.80E+01	1.92E+00	
140	64	28	9	4	22	8	7.21E-04	2.27E-04	8.29E-04	7.16E-04	9.70E-05	2.03E-03	2.33E-04	
140	64	28	9	4	24	9	1.28E-03	2.73E-04	1.05E-03	1.37E-03	1.59E-04	2.04E-03	2.04E-04	
140	64	28	9	4	26	10	3.03E-03	5.13E-04	3.37E-03	2.70E-03	2.65E-04	5.45E-03	4.88E-04	
140	64	28	9	4	28	11	5.10E-03	9.35E-04	4.06E-03	5.37E-03	4.48E-04	5.63E-03	4.61E-04	
140	64	28	9	4	30	12	1.22E-02	1.87E-03	1.38E-02	1.07E-02	7.74E-04	1.69E-02	1.29E-03	
140	64	28	9	4	32	13	1.93E-02	2.74E-03	1.40E-02	2.11E-02	1.38E-03	1.54E-02	1.10E-03	
140	64	28	9	4	34	14	3.53E-02	6.34E-03	5.61E-02	4.08E-02	2.53E-03	5.64E-02	3.83E-03	
140	64	28	9	4	36	15	6.81E-02	1.26E-02	6.00E-02	7.70E-02	4.72E-03	5.57E-02	3.60E-03	
140	64	28	9	4	38	16	1.38E-01	1.20E-02	2.04E-01	1.42E-01	8.68E-03	1.77E-01	1.09E-02	
140	64	28	9	4	40	17	3.02E-01	2.14E-02	2.64E-01	2.56E-01	1.54E-02	2.14E-01	1.28E-02	
140	64	28	9	4	42	18	5.37E-01	3.69E-02	6.62E-01	4.55E-01	2.64E-02	5.08E-01	2.98E-02	
140	64	28	9	4	44	19	9.51E-01	6.55E-02	8.86E-01	8.01E-01	4.36E-02	6.47E-01	3.78E-02	
140	64	28	9	4	46	20	1.22E+00	8.10E-02	2.06E+00	1.40E+00	7.16E-02	1.45E+00	8.62E-02	
140	64	28	9	4	48	21	1.71E+00	1.48E-01	2.53E+00	2.44E+00	1.20E-01	1.73E+00	1.08E-01	
140	64	28	9	4	50	22	2.86E+00	2.20E-01	5.77E+00	4.22E+00	2.10E-01	3.90E+00	2.59E-01	
140	64	28	9	4	52	23	3.71E+00	3.44E-01	6.76E+00	7.29E+00	3.77E-01	4.59E+00	3.31E-01	
140	64	28	9	4	54	24	7.21E+00	5.11E-01	1.45E+01	1.25E+01	6.89E-01	1.01E+01	7.97E-01	
140	64	28	9	4	56	25	1.02E+01	7.72E-01	1.64E+01	2.09E+01	1.29E+00	1.21E+01	1.04E+00	
140	64	28	9	4	58	26	1.96E+01	1.85E+00	3.28E+01	3.29E+01	2.37E+00	2.64E+01	2.47E+00	
140	64	28	9	4	60	27	2.77E+01	3.24E+00	3.02E+01	4.18E+01	3.60E+00	2.72E+01	2.76E+00	
140	64	28	9	4	62	28	2.94E+01	4.13E+00	4.53E+01	3.04E+01	3.07E+00	4.67E+01	5.23E+00	
140	64	28	9	4	25	9	9.26E-05	6.79E-05	2.56E-04	1.09E-04	1.67E-05	5.39E-04	5.84E-05	
140	64	28	9	4	27	10	1.08E-04	3.23E-05	2.25E-04	2.36E-04	3.01E-05	3.87E-04	3.76E-05	
140	64	28	9	4	29	11	8.98E-04	1.71E-04	1.06E-03	5.16E-04	5.43E-05	1.54E-03	1.36E-04	
140	64	28	9	4	31	12	1.24E-03	2.38E-04	9.83E-04	1.13E-03	9.77E-05	1.24E-03	1.01E-04	
140	64	28	9	4	33	13	4.29E-03	6.50E-04	4.82E-03	2.43E-03	1.78E-04	5.37E-03	4.08E-04	
140	64	28	9	4	35	14	3.38E-03	4.95E-04	4.96E-03	5.14E-03	3.36E-04	4.96E-03	3.54E-04	
140	64	28	9	4	37	15	1.35E-02	1.85E-03	1.81E-02	1.07E-02	6.60E-04	1.64E-02	1.10E-03	
140	64	28	9	4	39	16	2.64E-02	3.44E-03	2.40E-02	2.16E-02	1.31E-03	2.00E-02	1.28E-03	
140	64	28	9	4	41	17	7.79E-02	4.78E-03	7.28E-02	4.31E-02	2.57E-03	5.61E-02	3.45E-03	
140	64	28	9	4	43	18	1.12E-01	9.61E-03	1.06E-01	8.51E-02	4.87E-03	7.66E-02	4.59E-03	
140	64	28	9	4	45	19	2.50E-01	2.16E-02	2.91E-01	1.67E-01	8.97E-03	1.97E-01	1.18E-02	
140	64	28	9	4	47	20	3.11E-01	1.82E-02	4.52E-01	3.26E-01	1.65E-02	2.92E-01	1.78E-02	
140	64	28	9	4	49	21	5.42E-01	4.94E-02	1.22E+00	6.37E-01	3.12E-02	7.60E-01	4.87E-02	
140	64	28	9	4	51	22	8.28E-01	5.60E-02	1.62E+00	1.24E+00	6.17E-02	9.94E-01	6.82E-02	
140	64	28	9	4	53	23	1.74E+00	1.51E-01	4.01E+00	2.42E+00	1.26E-01	2.47E+00	1.85E-01	
140	64	28	9	4	55	24	2.89E+00	2.68E-01	5.54E+00	4.69E+00	2.63E-01	3.52E+00	2.87E-01	
140	64	28	9	4	57	25	6.30E+00	6.02E-01	1.41E+01	8.92E+00	5.62E-01	9.49E+00	8.45E-01	
140	64	28	9	4	59	26	1.21E+01	1.06E+00	1.84E+01	1.57E+01	1.16E+00	1.34E+01	1.30E+00	
140	64	28	9	4	61	27	3.10E+01	6.47E+00	4.47E+01	2.16E+01	1.90E+00	3.62E+01	3.86E+00	
140	64	28	9	4	63	28	7.19E+01	2.97E+01	7.29E+01	1.54E+01	1.61E+00	6.67E+01	8.05E+00	
140	64	28	9	4	30	11	1.17E-04	3.05E-05	5.45E-05	4.26E-05	5.63E-06	8.07E-05	7.80E-06	
140	64	28	9	4	32	12	2.14E-04	5.84E-05	2.68E-04	1.01E-04	1.08E-05	3.39E-04	3.01E-05	
140	64	28	9	4	34	13	3.60E-04	5.95E-05	3.08E-04	2.35E-04	2.06E-05	3.38E-04	2.78E-05	
140	64	28	9	4	36	14	7.65E-04	1.23E-04	1.27E-03	5.40E-04	4.00E-05	1.23E-03	9.40E-05	
140	64	28	9	4	38	15	2.11E-03	3.56E-04	1.74E-03	1.22E-03	8.10E-05	1.50E-03	1.07E-04	
140	64	28	9	4	40	16	4.43E-03	7.24E-04	5.84E-03	2.69E-03	1.69E-04	4.57E-03	3.08E-04	
140	64	28	9	4	42	17	1.13E-02	7.56E-04	9.34E-03	5.88E-03	3.55E-04	6.66E-03	4.28E-04	
140	64	28	9	4	44	18	2.15E-02	2.82E-03	2.92E-02	1.28E-02	7.34E-04	1.92E-02	1.20E-03	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	64	28	9	4	46	19	4.69E-02	6.22E-03	4.35E-02	2.76E-02	1.50E-03	2.67E-02	1.65E-03	
140	64	28	9	4	48	20	5.48E-02	3.97E-03	1.34E-01	5.98E-02	3.08E-03	7.80E-02	4.90E-03	
140	64	28	9	4	50	21	9.60E-02	1.61E-02	2.13E-01	1.30E-01	6.57E-03	1.19E-01	7.84E-03	
140	64	28	9	4	52	22	2.26E-01	2.05E-02	5.80E-01	2.82E-01	1.47E-02	3.18E-01	2.24E-02	
140	64	28	9	4	54	23	4.77E-01	3.40E-02	1.09E+00	6.14E-01	3.36E-02	5.98E-01	4.58E-02	
140	64	28	9	4	56	24	1.24E+00	1.06E-01	3.24E+00	1.33E+00	7.86E-02	1.83E+00	1.54E-01	
140	64	28	9	4	58	25	2.80E+00	2.47E-01	5.31E+00	2.83E+00	1.88E-01	3.17E+00	2.91E-01	
140	64	28	9	4	60	26	8.22E+00	8.53E-01	1.60E+01	5.47E+00	4.26E-01	1.03E+01	1.04E+00	
140	64	28	9	4	62	27	2.07E+01	2.88E+00	3.09E+01	7.86E+00	7.30E-01	2.18E+01	2.49E+00	
140	64	28	9	4	37	14	9.03E-05	2.98E-05	8.47E-05	4.94E-05	4.26E-06	7.72E-05	6.43E-06	
140	64	28	9	4	39	15	3.31E-04	5.55E-05	3.50E-04	1.20E-04	8.98E-06	2.81E-04	2.17E-05	
140	64	28	9	4	41	16	4.39E-04	7.86E-05	5.37E-04	2.87E-04	1.96E-05	3.84E-04	2.77E-05	
140	64	28	9	4	43	17	1.64E-03	2.70E-04	2.04E-03	6.80E-04	4.36E-05	1.32E-03	8.98E-05	
140	64	28	9	4	45	18	2.50E-03	3.03E-04	3.17E-03	1.61E-03	9.72E-05	1.86E-03	1.22E-04	
140	64	28	9	4	47	19	6.26E-03	9.02E-04	1.10E-02	3.82E-03	2.17E-04	5.98E-03	3.83E-04	
140	64	28	9	4	49	20	6.64E-03	5.24E-04	1.96E-02	9.10E-03	4.98E-04	1.01E-02	6.49E-04	
140	64	28	9	4	51	21	1.79E-02	1.40E-03	5.99E-02	2.17E-02	1.19E-03	2.94E-02	1.98E-03	
140	64	28	9	4	53	22	4.33E-02	3.02E-03	1.05E-01	5.21E-02	2.95E-03	5.06E-02	3.64E-03	
140	64	28	9	4	55	23	1.49E-01	9.78E-03	3.86E-01	1.25E-01	7.50E-03	1.85E-01	1.45E-02	
140	64	28	9	4	57	24	3.47E-01	2.52E-02	7.31E-01	3.00E-01	1.94E-02	3.60E-01	3.11E-02	
140	64	28	9	4	59	25	1.30E+00	9.83E-02	3.16E+00	6.98E-01	5.08E-02	1.63E+00	1.56E-01	
140	64	28	9	4	61	26	3.68E+00	3.69E-01	5.32E+00	1.45E+00	1.23E-01	2.93E+00	3.16E-01	
140	64	28	9	4	63	27	3.20E+01	7.37E+00	3.60E+01	2.09E+00	2.14E-01	2.11E+01	2.67E-01	
140	64	28	9	4	42	16	6.28E-05	1.44E-05	1.01E-04	2.68E-05	2.05E-06	6.43E-05	5.07E-06	
140	64	28	9	4	44	17	1.63E-04	2.73E-05	1.56E-04	6.88E-05	4.86E-06	8.85E-05	6.51E-06	
140	64	28	9	4	46	18	2.32E-04	3.10E-05	6.25E-04	1.77E-04	1.16E-05	3.22E-04	2.23E-05	
140	64	28	9	4	48	19	5.53E-04	6.43E-05	1.19E-03	4.56E-04	2.83E-05	5.62E-04	3.77E-05	
140	64	28	9	4	50	20	6.76E-04	1.08E-04	4.10E-03	1.18E-03	7.11E-05	1.81E-03	1.21E-04	
140	64	28	9	4	52	21	2.33E-03	1.66E-04	7.81E-03	3.09E-03	1.87E-04	3.29E-03	2.27E-04	
140	64	28	9	4	54	22	7.34E-03	5.26E-04	3.08E-02	8.07E-03	5.10E-04	1.27E-02	9.29E-04	
140	64	28	9	4	56	23	2.15E-02	1.87E-03	6.88E-02	2.12E-02	1.42E-03	2.82E-02	2.27E-03	
140	64	28	9	4	58	24	8.41E-02	6.31E-03	2.96E-01	5.51E-02	4.03E-03	1.24E-01	1.11E-02	
140	64	28	9	4	60	25	2.53E-01	4.34E-02	5.73E-01	1.38E-01	1.14E-02	2.49E-01	2.52E-02	
140	64	28	9	4	62	26	1.56E+00	1.59E-01	2.43E+00	2.99E-01	2.89E-02	1.10E+00	1.30E-01	
140	64	28	9	4	45	17	1.92E-05	8.69E-06	2.45E-05	6.12E-06	4.92E-07	1.20E-05	9.69E-07	
140	64	28	9	4	47	18	1.45E-05	2.46E-06	5.20E-05	1.70E-05	1.27E-06	2.28E-05	1.72E-06	
140	64	28	9	4	49	19	5.34E-05	8.62E-06	1.84E-04	4.74E-05	3.32E-06	7.39E-05	5.27E-06	
140	64	28	9	4	51	20	6.14E-05	1.17E-05	3.91E-04	1.33E-04	8.99E-06	1.46E-04	1.02E-05	
140	64	28	9	4	53	21	3.29E-04	4.64E-05	1.68E-03	3.76E-04	2.55E-05	5.96E-04	4.25E-05	
140	64	28	9	4	55	22	9.21E-04	7.04E-05	3.80E-03	1.06E-03	7.54E-05	1.31E-03	9.91E-05	
140	64	28	9	4	57	23	4.69E-03	3.54E-04	2.15E-02	3.00E-03	2.29E-04	7.34E-03	6.12E-04	
140	64	28	9	4	59	24	1.13E-02	1.10E-03	4.42E-02	8.39E-03	7.04E-04	1.52E-02	1.44E-03	
140	64	28	9	4	61	25	6.87E-02	6.17E-03	1.56E-01	2.21E-02	2.13E-03	5.46E-02	6.03E-03	
140	64	28	9	4	63	26	6.09E-02	1.41E-02	3.48E-01	4.81E-02	5.46E-03	1.22E-01	1.65E-02	
140	64	28	9	4	52	20	5.01E-06	9.38E-07	6.29E-05	1.29E-05	1.02E-06	1.94E-05	1.45E-06	
140	64	28	9	4	54	21	2.75E-05	4.72E-06	1.48E-04	3.93E-05	3.06E-06	4.33E-05	3.26E-06	
140	64	28	9	4	56	22	1.28E-04	1.23E-05	9.00E-04	1.19E-04	9.63E-06	2.54E-04	2.03E-05	
140	64	28	9	4	58	23	4.77E-04	7.88E-05	2.35E-03	3.57E-04	3.14E-05	6.49E-04	5.79E-05	
140	64	28	9	4	60	24	1.87E-03	1.45E-04	9.23E-03	1.05E-03	1.04E-04	2.53E-03	2.62E-04	
140	64	28	9	4	62	25	1.94E-03	6.08E-04	1.18E-02	2.84E-03	3.26E-04	3.17E-03	3.98E-04	
140	64	28	9	4	59	23	6.59E-05	1.43E-05	3.99E-04	3.51E-05	3.75E-06	8.63E-05	8.57E-06	
[21]	140	64	28	181	73	21	3.93E-01	1.21E-01	1.24E+00	1.19E+00	1.46E-01	1.80E+00	3.14E-01	
	140	64	28	181	73	27	3.12E-01	5.31E-02	1.41E+00	3.78E-01	4.52E-02	2.01E+00	2.83E-01	
	140	64	28	181	73	29	9.39E-02	1.56E-02	5.98E-01	2.67E-01	3.18E-02	8.38E-01	1.09E-01	
	140	64	28	181	73	35	5.18E-02	1.36E-02	4.56E-01	9.41E-02	1.05E-02	5.71E-01	6.62E-02	
	140	64	28	181	73	12	6	3.78E+01	7.18E+00	1.31E+01	3.16E+01	5.29E+00	2.63E+01	5.42E+00
	140	64	28	181	73	14	7	1.59E+01	1.96E+00	7.26E+00	2.17E+01	2.84E+00	1.37E+01	2.41E+00
	140	64	28	181	73	16	8	2.38E+01	3.09E+00	1.38E+01	1.52E+01	1.73E+00	2.45E+01	3.88E+00
	140	64	28	181	73	18	9	5.32E+00	7.86E-01	7.12E+00	1.10E+01	1.16E+00	1.20E+01	1.78E+00
	140	64	28	181	73	20	10	7.34E+00	1.26E+00	1.17E+01	8.06E+00	8.16E-01	1.89E+01	2.68E+00
	140	64	28	181	73	22	11	5.03E+00	6.96E-01	6.56E+00	6.07E+00	5.97E-01	1.02E+01	1.39E+00
	140	64	28	181	73	24	12	9.17E+00	1.43E+00	1.01E+01	4.67E+00	4.57E-01	1.51E+01	1.98E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	64	28	181	73	26	13	3.70E+00	7.95E-01	5.32E+00	3.66E+00	3.65E-01	7.73E+00	9.62E-01	
140	64	28	181	73	28	14	7.86E+00	9.27E-01	7.44E+00	2.91E+00	2.99E-01	1.05E+01	1.23E+00	
140	64	28	181	73	30	15	1.93E+00	3.28E-01	4.17E+00	2.34E+00	2.44E-01	5.67E+00	6.33E-01	
140	64	28	181	73	32	16	3.09E+00	4.79E-01	5.10E+00	1.87E+00	1.96E-01	6.65E+00	7.10E-01	
140	64	28	181	73	34	17	1.15E+00	2.00E-01	2.80E+00	1.49E+00	1.53E-01	3.47E+00	3.61E-01	
140	64	28	181	73	36	18	1.67E+00	3.21E-01	3.18E+00	1.16E+00	1.15E-01	3.71E+00	3.85E-01	
140	64	28	181	73	40	20	9.18E-01	1.31E-01	1.81E+00	6.53E-01	6.15E-02	1.78E+00	1.94E-01	
140	64	28	181	73	42	21	3.75E-01	7.29E-02	8.44E-01	4.67E-01	4.46E-02	7.48E-01	8.47E-02	
140	64	28	181	73	44	22	4.53E-01	1.00E-01	8.10E-01	3.24E-01	3.26E-02	6.43E-01	7.55E-02	
140	64	28	181	73	46	23	2.18E-01	4.47E-02	3.77E-01	2.19E-01	2.40E-02	2.68E-01	3.26E-02	
140	64	28	181	73	48	24	1.89E-01	4.08E-02	3.31E-01	1.45E-01	1.77E-02	2.14E-01	2.70E-02	
140	64	28	181	73	50	25	9.02E-02	1.89E-02	1.42E-01	9.34E-02	1.28E-02	8.50E-02	1.13E-02	
140	64	28	181	73	52	26	6.61E-02	1.34E-02	1.13E-01	5.78E-02	8.66E-03	6.58E-02	9.39E-03	
140	64	28	181	73	54	27	2.77E-02	4.90E-03	3.50E-02	3.23E-02	5.08E-03	2.10E-02	3.31E-03	
140	64	28	181	73	56	28	1.15E-02	2.40E-03	1.75E-02	1.38E-02	2.24E-03	1.16E-02	2.06E-03	
140	64	28	181	73	11	5	6.60E+01	1.66E+01	7.65E+00	3.58E+01	6.68E+00	2.25E+01	5.99E+00	
140	64	28	181	73	13	6	3.50E+01	2.05E+00	4.02E+00	2.83E+01	3.76E+00	1.05E+01	2.18E+00	
140	64	28	181	73	15	7	3.73E+01	2.22E+00	1.09E+01	2.29E+01	2.44E+00	2.53E+01	4.20E+00	
140	64	28	181	73	17	8	1.41E+01	8.73E-01	7.44E+00	1.89E+01	1.83E+00	1.55E+01	2.14E+00	
140	64	28	181	73	19	9	1.21E+01	7.60E-01	1.33E+01	1.60E+01	1.45E+00	2.52E+01	3.07E+00	
140	64	28	181	73	21	10	1.47E+01	1.14E+00	1.09E+01	1.37E+01	1.18E+00	1.90E+01	2.16E+00	
140	64	28	181	73	23	11	1.65E+01	2.93E+00	1.63E+01	1.20E+01	9.87E-01	2.66E+01	2.91E+00	
140	64	28	181	73	25	12	1.51E+01	2.48E+00	1.36E+01	1.07E+01	8.74E-01	2.08E+01	2.22E+00	
140	64	28	181	73	27	13	1.68E+01	2.16E+00	1.56E+01	9.74E+00	8.19E-01	2.26E+01	2.35E+00	
140	64	28	181	73	29	14	1.56E+01	2.48E+00	1.44E+01	8.92E+00	7.88E-01	1.97E+01	1.99E+00	
140	64	28	181	73	31	15	1.29E+01	1.47E+00	1.39E+01	8.19E+00	7.53E-01	1.82E+01	1.77E+00	
140	64	28	181	73	33	16	1.14E+01	1.34E+00	1.32E+01	7.48E+00	6.99E-01	1.62E+01	1.54E+00	
140	64	28	181	73	35	17	9.67E+00	7.92E-01	1.16E+01	6.74E+00	6.23E-01	1.35E+01	1.26E+00	
140	64	28	181	73	37	18	8.21E+00	1.35E+00	1.03E+01	5.94E+00	5.33E-01	1.10E+01	1.04E+00	
140	64	28	181	73	39	19	6.97E+00	1.11E+00	8.13E+00	5.09E+00	4.40E-01	8.07E+00	7.71E-01	
140	64	28	181	73	41	20	6.91E+00	7.90E-01	7.74E+00	4.23E+00	3.55E-01	7.01E+00	6.90E-01	
140	64	28	181	73	43	21	4.63E+00	5.02E-01	4.91E+00	3.41E+00	2.83E-01	4.03E+00	4.10E-01	
140	64	28	181	73	45	22	4.14E+00	5.03E-01	4.72E+00	2.67E+00	2.27E-01	3.52E+00	3.70E-01	
140	64	28	181	73	47	23	2.78E+00	4.81E-01	2.64E+00	2.05E+00	1.84E-01	1.81E+00	1.96E-01	
140	64	28	181	73	49	24	2.15E+00	2.22E-01	2.38E+00	1.55E+00	1.53E-01	1.52E+00	1.71E-01	
140	64	28	181	73	51	25	1.43E+00	1.41E-01	1.23E+00	1.15E+00	1.26E-01	7.59E-01	9.08E-02	
140	64	28	181	73	53	26	1.01E+00	1.09E-01	9.60E-01	8.32E-01	9.91E-02	6.00E-01	7.78E-02	
140	64	28	181	73	55	27	4.95E-01	4.73E-02	3.46E-01	5.42E-01	6.79E-02	2.34E-01	3.35E-02	
140	64	28	181	73	57	28	1.96E-01	4.88E-02	1.67E-01	2.64E-01	3.59E-02	1.30E-01	2.10E-02	
140	64	28	181	73	59	29	3.20E-02	8.75E-03	2.06E-02	6.35E-02	1.09E-02	1.97E-02	3.65E-03	
140	64	28	181	73	12	5	1.09E+01	2.38E+00	7.10E-01	1.20E+01	1.84E+00	2.79E+00	8.37E-01	
140	64	28	181	73	14	6	1.55E+01	1.07E+00	2.71E+00	1.12E+01	1.27E+00	8.88E+00	2.07E+00	
140	64	28	181	73	16	7	6.30E+00	3.66E-01	1.81E+00	1.07E+01	1.06E+00	5.02E+00	9.09E-01	
140	64	28	181	73	18	8	1.07E+01	5.89E-01	3.82E+00	1.04E+01	9.77E-01	9.14E+00	1.30E+00	
140	64	28	181	73	20	9	9.77E+00	5.28E-01	3.45E+00	1.02E+01	9.12E-01	7.23E+00	8.40E-01	
140	64	28	181	73	22	10	1.29E+01	9.23E-01	7.03E+00	1.02E+01	8.40E-01	1.31E+01	1.33E+00	
140	64	28	181	73	24	11	1.02E+01	7.27E-01	6.17E+00	1.04E+01	7.83E-01	1.04E+01	9.90E-01	
140	64	28	181	73	26	12	1.49E+01	1.01E+00	1.12E+01	1.08E+01	7.72E-01	1.73E+01	1.60E+00	
140	64	28	181	73	28	13	1.25E+01	8.55E-01	1.02E+01	1.13E+01	8.22E-01	1.46E+01	1.33E+00	
140	64	28	181	73	30	14	1.99E+01	1.42E+00	1.72E+01	1.19E+01	9.13E-01	2.28E+01	2.03E+00	
140	64	28	181	73	32	15	1.47E+01	1.11E+00	1.46E+01	1.26E+01	1.01E+00	1.81E+01	1.58E+00	
140	64	28	181	73	34	16	1.98E+01	1.47E+00	2.25E+01	1.31E+01	1.08E+00	2.59E+01	2.23E+00	
140	64	28	181	73	36	17	1.61E+01	1.24E+00	1.62E+01	1.35E+01	1.11E+00	1.74E+01	1.48E+00	
140	64	28	181	73	38	18	1.86E+01	1.40E+00	2.35E+01	1.35E+01	1.09E+00	2.33E+01	2.00E+00	
140	64	28	181	73	40	19	1.63E+01	1.26E+00	1.64E+01	1.31E+01	1.03E+00	1.50E+01	1.30E+00	
140	64	28	181	73	42	20	1.82E+01	1.39E+00	2.05E+01	1.23E+01	9.37E-01	1.72E+01	1.53E+00	
140	64	28	181	73	44	21	1.54E+01	1.21E+00	1.35E+01	1.13E+01	8.42E-01	1.04E+01	9.54E-01	
140	64	28	181	73	46	22	1.70E+01	1.37E+00	1.55E+01	1.01E+01	7.55E-01	1.10E+01	1.04E+00	
140	64	28	181	73	48	23	1.28E+01	1.02E+00	9.74E+00	8.89E+00	6.92E-01	6.48E+00	6.38E-01	
140	64	28	181	73	50	24	1.13E+01	9.02E-01	9.87E+00	7.81E+00	6.53E-01	6.34E+00	6.54E-01	
140	64	28	181	73	52	25	8.53E+00	7.10E-01	5.71E+00	6.83E+00	6.22E-01	3.68E+00	4.06E-01	
140	64	28	181	73	54	26	6.86E+00	5.40E-01	4.90E+00	5.84E+00	5.67E-01	3.34E+00	4.02E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	64	28	181	73	56	27	3.46E+00	3.32E-01	1.95E+00	4.49E+00	4.62E-01	1.49E+00	1.98E-01	
140	64	28	181	73	58	28	1.93E+00	3.28E-01	9.68E-01	2.50E+00	3.04E-01	8.77E-01	1.31E-01	
140	64	28	181	73	60	29	2.90E-01	5.46E-02	1.18E-01	6.28E-01	1.09E-01	1.30E-01	2.27E-02	
140	64	28	181	73	13	5	1.66E+00	3.10E-01	4.34E-01	2.14E+00	2.99E-01	2.21E+00	7.54E-01	
140	64	28	181	73	15	6	1.31E+00	2.23E-01	2.38E-01	2.34E+00	2.64E-01	9.54E-01	2.57E-01	
140	64	28	181	73	17	7	2.10E+00	1.42E-01	6.93E-01	2.59E+00	2.75E-01	2.24E+00	4.70E-01	
140	64	28	181	73	19	8	2.35E+00	1.48E-01	5.93E-01	2.92E+00	3.01E-01	1.58E+00	2.57E-01	
140	64	28	181	73	21	9	4.25E+00	2.34E-01	1.45E+00	3.34E+00	3.23E-01	3.27E+00	4.18E-01	
140	64	28	181	73	23	10	3.25E+00	1.76E-01	1.38E+00	3.88E+00	3.36E-01	2.68E+00	2.82E-01	
140	64	28	181	73	25	11	5.24E+00	2.67E-01	2.93E+00	4.58E+00	3.47E-01	5.01E+00	4.66E-01	
140	64	28	181	73	27	12	4.67E+00	2.68E-01	2.90E+00	5.47E+00	3.74E-01	4.41E+00	3.87E-01	
140	64	28	181	73	29	13	6.72E+00	4.41E-01	6.01E+00	6.60E+00	4.36E-01	8.29E+00	7.06E-01	
140	64	28	181	73	31	14	7.23E+00	4.55E-01	5.60E+00	7.98E+00	5.43E-01	7.07E+00	5.91E-01	
140	64	28	181	73	33	15	9.93E+00	5.96E-01	1.12E+01	9.61E+00	6.82E-01	1.30E+01	1.07E+00	
140	64	28	181	73	35	16	1.10E+01	5.72E-01	9.71E+00	1.14E+01	8.34E-01	1.04E+01	8.39E-01	
140	64	28	181	73	37	17	1.42E+01	8.59E-01	1.85E+01	1.33E+01	9.79E-01	1.83E+01	1.46E+00	
140	64	28	181	73	39	18	1.56E+01	1.01E+00	1.64E+01	1.51E+01	1.10E+00	1.49E+01	1.19E+00	
140	64	28	181	73	41	19	1.76E+01	1.11E+00	2.37E+01	1.66E+01	1.19E+00	2.00E+01	1.61E+00	
140	64	28	181	73	43	20	2.17E+01	1.46E+00	2.31E+01	1.78E+01	1.25E+00	1.80E+01	1.48E+00	
140	64	28	181	73	45	21	2.46E+01	1.70E+00	2.55E+01	1.85E+01	1.28E+00	1.85E+01	1.57E+00	
140	64	28	181	73	47	22	2.67E+01	1.64E+00	2.41E+01	1.90E+01	1.31E+00	1.65E+01	1.45E+00	
140	64	28	181	73	49	23	2.67E+01	1.85E+00	2.34E+01	1.94E+01	1.37E+00	1.55E+01	1.42E+00	
140	64	28	181	73	51	24	2.35E+01	1.81E+00	2.07E+01	1.99E+01	1.49E+00	1.37E+01	1.33E+00	
140	64	28	181	73	53	25	2.36E+01	1.72E+00	1.76E+01	2.05E+01	1.64E+00	1.21E+01	1.27E+00	
140	64	28	181	73	55	26	1.75E+01	1.59E+00	1.31E+01	2.09E+01	1.74E+00	9.91E+00	1.13E+00	
140	64	28	181	73	57	27	1.61E+01	1.35E+00	7.63E+00	1.90E+01	1.72E+00	6.62E+00	8.30E-01	
140	64	28	181	73	59	28	7.13E+00	8.93E-01	3.46E+00	1.20E+01	1.43E+00	3.55E+00	5.05E-01	
140	64	28	181	73	14	5	1.48E-01	3.49E-02	2.09E-02	2.40E-01	3.55E-02	1.34E-01	5.13E-02	
140	64	28	181	73	18	7	2.76E-01	3.85E-02	7.13E-02	3.87E-01	4.68E-02	2.63E-01	6.36E-02	
140	64	28	181	73	20	8	5.71E-01	1.09E-01	1.93E-01	5.01E-01	5.81E-02	5.62E-01	1.06E-01	
140	64	28	181	73	22	9	6.04E-01	4.18E-02	1.92E-01	6.59E-01	7.03E-02	4.57E-01	6.74E-02	
140	64	28	181	73	24	10	1.00E+00	6.31E-02	4.80E-01	8.78E-01	8.24E-02	9.53E-01	1.12E-01	
140	64	28	181	73	26	11	1.02E+00	6.31E-02	4.98E-01	1.19E+00	9.53E-02	8.46E-01	8.43E-02	
140	64	28	181	73	28	12	1.55E+00	1.00E-01	1.19E+00	1.62E+00	1.13E-01	1.77E+00	1.59E-01	
140	64	28	181	73	30	13	1.59E+00	9.83E-02	1.21E+00	2.23E+00	1.44E-01	1.59E+00	1.35E-01	
140	64	28	181	73	32	14	2.30E+00	1.52E-01	2.83E+00	3.06E+00	1.95E-01	3.36E+00	2.77E-01	
140	64	28	181	73	34	15	2.87E+00	1.72E-01	2.68E+00	4.18E+00	2.72E-01	2.90E+00	2.32E-01	
140	64	28	181	73	36	16	4.66E+00	2.94E-01	6.18E+00	5.62E+00	3.74E-01	6.11E+00	4.78E-01	
140	64	28	181	73	38	17	5.56E+00	3.54E-01	5.99E+00	7.39E+00	4.97E-01	5.44E+00	4.19E-01	
140	64	28	181	73	40	18	8.07E+00	5.12E-01	1.17E+01	9.45E+00	6.37E-01	9.81E+00	7.52E-01	
140	64	28	181	73	42	19	1.05E+01	6.72E-01	1.16E+01	1.17E+01	7.89E-01	9.05E+00	6.99E-01	
140	64	28	181	73	44	20	1.55E+01	9.76E-01	1.98E+01	1.42E+01	9.49E-01	1.45E+01	1.14E+00	
140	64	28	181	73	46	21	1.75E+01	1.11E+00	1.93E+01	1.68E+01	1.12E+00	1.33E+01	1.09E+00	
140	64	28	181	73	48	22	2.45E+01	1.58E+00	2.95E+01	1.98E+01	1.31E+00	1.97E+01	1.67E+00	
140	64	28	181	73	50	23	2.63E+01	1.98E+00	2.54E+01	2.33E+01	1.58E+00	1.69E+01	1.52E+00	
140	64	28	181	73	52	24	2.64E+01	2.03E+00	3.43E+01	2.79E+01	1.98E+00	2.36E+01	2.25E+00	
140	64	28	181	73	54	25	2.81E+01	1.57E+00	2.58E+01	3.41E+01	2.52E+00	1.91E+01	1.96E+00	
140	64	28	181	73	56	26	2.76E+01	2.60E+00	2.93E+01	4.13E+01	3.15E+00	2.44E+01	2.69E+00	
140	64	28	181	73	58	27	2.87E+01	2.88E+00	1.63E+01	4.42E+01	3.85E+00	1.56E+01	1.89E+00	
140	64	28	181	73	60	28	1.78E+01	1.86E+00	1.01E+01	3.12E+01	3.94E+00	1.10E+01	1.55E+00	
140	64	28	181	73	21	8	4.83E-02	8.58E-03	1.53E-02	6.04E-02	7.90E-03	4.76E-02	1.03E-02	
140	64	28	181	73	23	9	1.14E-01	2.18E-02	4.68E-02	9.01E-02	1.06E-02	1.14E-01	1.94E-02	
140	64	28	181	73	25	10	9.50E-02	1.27E-02	4.61E-02	1.36E-01	1.39E-02	9.17E-02	1.23E-02	
140	64	28	181	73	27	11	2.18E-01	3.43E-02	1.45E-01	2.08E-01	1.81E-02	2.41E-01	2.67E-02	
140	64	28	181	73	29	12	1.89E-01	1.72E-02	1.61E-01	3.22E-01	2.39E-02	2.29E-01	2.21E-02	
140	64	28	181	73	31	13	4.43E-01	3.66E-02	4.80E-01	4.99E-01	3.32E-02	5.96E-01	5.30E-02	
140	64	28	181	73	33	14	3.91E-01	3.26E-02	4.30E-01	7.72E-01	4.90E-02	4.75E-01	4.02E-02	
140	64	28	181	73	35	15	9.38E-01	6.33E-02	1.28E+00	1.18E+00	7.46E-02	1.28E+00	1.04E-01	
140	64	28	181	73	37	16	1.23E+00	8.70E-02	1.28E+00	1.78E+00	1.13E-01	1.16E+00	9.21E-02	
140	64	28	181	73	39	17	2.20E+00	1.49E-01	2.99E+00	2.62E+00	1.68E-01	2.50E+00	1.94E-01	
140	64	28	181	73	41	18	3.23E+00	2.06E-01	3.27E+00	3.74E+00	2.43E-01	2.53E+00	1.95E-01	
140	64	28	181	73	43	19	5.33E+00	3.45E-01	6.83E+00	5.20E+00	3.40E-01	4.95E+00	3.83E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
140	64	28	181	73	45	20	6.46E+00	4.44E-01	7.40E+00	7.07E+00	4.63E-01	5.09E+00	4.03E-01	
140	64	28	181	73	47	21	9.69E+00	7.15E-01	1.40E+01	9.47E+00	6.19E-01	9.33E+00	7.67E-01	
140	64	28	181	73	49	22	1.27E+01	9.01E-01	1.44E+01	1.27E+01	8.28E-01	9.53E+00	8.22E-01	
140	64	28	181	73	51	23	1.65E+01	1.26E+00	2.50E+01	1.72E+01	1.14E+00	1.70E+01	1.55E+00	
140	64	28	181	73	53	24	1.87E+01	1.43E+00	2.37E+01	2.40E+01	1.65E+00	1.72E+01	1.66E+00	
140	64	28	181	73	55	25	2.54E+01	2.04E+00	3.81E+01	3.44E+01	2.46E+00	3.05E+01	3.10E+00	
140	64	28	181	73	57	26	2.64E+01	2.31E+00	3.03E+01	4.91E+01	3.67E+00	2.73E+01	2.96E+00	
140	64	28	181	73	59	27	4.18E+01	4.42E+00	3.46E+01	6.09E+01	5.61E+00	3.47E+01	4.21E+00	
140	64	28	181	73	61	28	2.05E+01	2.84E+00	1.79E+01	4.67E+01	6.62E+00	1.83E+01	2.75E+00	
140	64	28	181	73	26	10	1.62E-02	2.65E-03	1.18E-02	1.63E-02	1.85E-03	2.31E-02	3.48E-03	
140	64	28	181	73	28	11	2.57E-02	3.29E-03	1.33E-02	2.79E-02	2.69E-03	2.12E-02	2.61E-03	
140	64	28	181	73	30	12	4.41E-02	3.92E-03	4.23E-02	4.81E-02	3.96E-03	5.69E-02	6.00E-03	
140	64	28	181	73	32	13	5.68E-02	8.24E-03	4.02E-02	8.31E-02	6.07E-03	4.66E-02	4.45E-03	
140	64	28	181	73	34	14	1.05E-01	1.48E-02	1.51E-01	1.43E-01	9.70E-03	1.54E-01	1.38E-02	
140	64	28	181	73	36	15	1.69E-01	1.47E-02	1.51E-01	2.43E-01	1.59E-02	1.38E-01	1.19E-02	
140	64	28	181	73	38	16	3.45E-01	2.95E-02	4.83E-01	4.04E-01	2.62E-02	4.00E-01	3.34E-02	
140	64	28	181	73	40	17	6.63E-01	4.22E-02	5.84E-01	6.58E-01	4.27E-02	4.46E-01	3.64E-02	
140	64	28	181	73	42	18	1.01E+00	7.48E-02	1.37E+00	1.04E+00	6.81E-02	9.79E-01	7.92E-02	
140	64	28	181	73	44	19	1.68E+00	1.16E-01	1.72E+00	1.61E+00	1.06E-01	1.16E+00	9.49E-02	
140	64	28	181	73	46	20	2.27E+00	1.65E-01	3.74E+00	2.43E+00	1.60E-01	2.45E+00	2.05E-01	
140	64	28	181	73	48	21	3.33E+00	2.40E-01	4.30E+00	3.65E+00	2.38E-01	2.79E+00	2.43E-01	
140	64	28	181	73	50	22	5.06E+00	3.71E-01	9.19E+00	5.51E+00	3.58E-01	6.10E+00	5.54E-01	
140	64	28	181	73	52	23	6.26E+00	5.14E-01	1.01E+01	8.54E+00	5.62E-01	7.05E+00	6.70E-01	
140	64	28	181	73	54	24	1.10E+01	9.64E-01	2.02E+01	1.38E+01	9.37E-01	1.54E+01	1.53E+00	
140	64	28	181	73	56	25	1.39E+01	1.36E+00	2.15E+01	2.30E+01	1.63E+00	1.82E+01	1.87E+00	
140	64	28	181	73	58	26	2.65E+01	2.58E+00	4.02E+01	3.83E+01	2.97E+00	3.74E+01	4.12E+00	
140	64	28	181	73	60	27	4.00E+01	3.48E+00	3.46E+01	5.39E+01	5.60E+00	3.28E+01	4.26E+00	
140	64	28	181	73	62	28	5.94E+01	5.85E+00	4.86E+01	4.33E+01	7.05E+00	3.88E+01	6.80E+00	
140	64	28	181	73	29	11	4.45E-03	6.30E-04	3.35E-03	3.09E-03	3.43E-04	5.07E-03	6.87E-04	
140	64	28	181	73	31	12	5.23E-03	8.52E-04	2.92E-03	5.89E-03	5.63E-04	3.66E-03	4.23E-04	
140	64	28	181	73	33	13	1.52E-02	9.96E-04	1.34E-02	1.12E-02	9.47E-04	1.43E-02	1.49E-03	
140	64	28	181	73	35	14	1.16E-02	1.48E-03	1.29E-02	2.12E-02	1.63E-03	1.21E-02	1.17E-03	
140	64	28	181	73	37	15	3.99E-02	4.66E-03	4.41E-02	3.94E-02	2.87E-03	3.67E-02	3.42E-03	
140	64	28	181	73	39	16	6.50E-02	1.05E-02	5.47E-02	7.19E-02	5.05E-03	4.14E-02	3.75E-03	
140	64	28	181	73	41	17	1.54E-01	1.59E-02	1.56E-01	1.28E-01	8.84E-03	1.09E-01	9.71E-03	
140	64	28	181	73	43	18	2.17E-01	1.90E-02	2.13E-01	2.22E-01	1.52E-02	1.41E-01	1.25E-02	
140	64	28	181	73	45	19	4.29E-01	4.12E-02	5.46E-01	3.76E-01	2.55E-02	3.49E-01	3.11E-02	
140	64	28	181	73	47	20	5.10E-01	3.67E-02	7.94E-01	6.27E-01	4.19E-02	5.01E-01	4.56E-02	
140	64	28	181	73	49	21	9.71E-01	8.93E-02	2.00E+00	1.05E+00	6.83E-02	1.28E+00	1.21E-01	
140	64	28	181	73	51	22	1.25E+00	9.67E-02	2.49E+00	1.77E+00	1.14E-01	1.67E+00	1.63E-01	
140	64	28	181	73	53	23	2.57E+00	1.71E-01	5.79E+00	3.10E+00	2.03E-01	4.18E+00	4.19E-01	
140	64	28	181	73	55	24	4.36E+00	3.31E-01	7.48E+00	5.71E+00	3.88E-01	5.94E+00	6.07E-01	
140	64	28	181	73	57	25	8.95E+00	7.17E-01	1.79E+01	1.10E+01	7.99E-01	1.54E+01	1.64E+00	
140	64	28	181	73	59	26	1.34E+01	9.19E-01	2.18E+01	2.10E+01	1.79E+00	1.92E+01	2.28E+00	
140	64	28	181	73	61	27	3.76E+01	4.65E+00	4.96E+01	3.26E+01	3.96E+00	3.78E+01	5.76E+00	
140	64	28	181	73	63	28	2.32E+02	2.26E+01	7.57E+01	2.62E+01	4.96E+00	3.57E+01	7.77E+00	
140	64	28	181	73	32	12	9.50E-04	1.73E-04	7.72E-04	6.26E-04	7.10E-05	8.90E-04	1.13E-04	
140	64	28	181	73	34	13	1.47E-03	2.49E-04	8.30E-04	1.30E-03	1.30E-04	8.09E-04	9.24E-05	
140	64	28	181	73	36	14	2.66E-03	4.56E-04	3.21E-03	2.66E-03	2.42E-04	2.72E-03	2.91E-04	
140	64	28	181	73	38	15	6.04E-03	9.95E-04	4.11E-03	5.37E-03	4.52E-04	3.10E-03	3.20E-04	
140	64	28	181	73	40	16	1.22E-02	2.25E-03	1.29E-02	1.06E-02	8.43E-04	8.92E-03	8.96E-04	
140	64	28	181	73	42	17	2.46E-02	2.48E-03	1.93E-02	2.04E-02	1.56E-03	1.25E-02	1.23E-03	
140	64	28	181	73	44	18	4.25E-02	6.49E-03	5.67E-02	3.84E-02	2.85E-03	3.50E-02	3.45E-03	
140	64	28	181	73	46	19	8.28E-02	1.17E-02	7.90E-02	7.07E-02	5.09E-03	4.78E-02	4.74E-03	
140	64	28	181	73	48	20	9.38E-02	1.57E-02	2.28E-01	1.29E-01	8.93E-03	1.40E-01	1.40E-02	
140	64	28	181	73	50	21	1.43E-01	2.52E-02	3.40E-01	2.37E-01	1.57E-02	2.16E-01	2.21E-02	
140	64	28	181	73	52	22	3.46E-01	2.41E-02	8.65E-01	4.45E-01	2.89E-02	5.87E-01	6.13E-02	
140	64	28	181	73	54	23	6.67E-01	5.55E-02	1.52E+00	8.73E-01	5.76E-02	1.12E+00	1.18E-01	
140	64	28	181	73	56	24	1.48E+00	1.44E-01	4.24E+00	1.82E+00	1.27E-01	3.38E+00	3.62E-01	
140	64	28	181	73	58	25	3.20E+00	3.08E-01	6.50E+00	3.98E+00	3.09E-01	5.30E+00	6.08E-01	
140	64	28	181	73	60	26	9.14E+00	7.89E-01	1.83E+01	8.51E+00	8.31E-01	1.33E+01	1.85E+00	
140	64	28	181	73	62	27	2.49E+01	3.26E+00	3.32E+01	1.42E+01	2.03E+00	1.59E+01	3.06E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	64	28	181	73	37	14	2.75E-04	6.68E-05	2.07E-04	2.93E-04	3.16E-05	1.58E-04	1.89E-05
	140	64	28	181	73	39	15	1.07E-03	1.87E-04	7.99E-04	6.34E-04	6.28E-05	5.47E-04	6.31E-05
	140	64	28	181	73	41	16	1.59E-03	2.03E-04	1.15E-03	1.34E-03	1.24E-04	7.24E-04	8.17E-05
	140	64	28	181	73	43	17	3.53E-03	4.60E-04	4.09E-03	2.77E-03	2.41E-04	2.44E-03	2.71E-04
	140	64	28	181	73	45	18	5.87E-03	9.91E-04	5.94E-03	5.60E-03	4.63E-04	3.44E-03	3.80E-04
	140	64	28	181	73	47	19	1.20E-02	8.78E-04	1.93E-02	1.11E-02	8.71E-04	1.12E-02	1.24E-03
	140	64	28	181	73	49	20	1.37E-02	2.29E-03	3.23E-02	2.20E-02	1.62E-03	1.93E-02	2.14E-03
	140	64	28	181	73	51	21	3.13E-02	3.26E-03	9.23E-02	4.39E-02	3.07E-03	5.83E-02	6.50E-03
	140	64	28	181	73	53	22	7.04E-02	6.25E-03	1.52E-01	9.07E-02	6.18E-03	1.04E-01	1.15E-02
	140	64	28	181	73	55	23	1.86E-01	1.60E-02	5.21E-01	1.97E-01	1.38E-02	3.81E-01	4.25E-02
	140	64	28	181	73	57	24	4.28E-01	3.56E-02	9.25E-01	4.58E-01	3.48E-02	6.94E-01	8.07E-02
	140	64	28	181	73	59	25	1.36E+00	1.22E-01	3.74E+00	1.12E+00	9.86E-02	2.54E+00	3.42E-01
	140	64	28	181	73	61	26	3.30E+00	3.32E-01	5.90E+00	2.63E+00	3.03E-01	2.82E+00	5.00E-01
	140	64	28	181	73	63	27	2.62E+01	5.33E+00	3.74E+01	4.52E+00	7.65E-01	7.90E+00	1.99E+00
	140	64	28	181	73	42	16	2.75E-04	6.19E-05	2.09E-04	1.48E-04	1.61E-05	1.20E-04	1.53E-05
	140	64	28	181	73	44	17	3.04E-04	5.39E-05	3.02E-04	3.26E-04	3.31E-05	1.67E-04	2.08E-05
	140	64	28	181	73	46	18	5.67E-04	9.19E-05	1.14E-03	7.00E-04	6.67E-05	6.20E-04	7.66E-05
	140	64	28	181	73	48	19	1.04E-03	1.47E-04	2.02E-03	1.49E-03	1.32E-04	1.13E-03	1.38E-04
	140	64	28	181	73	50	20	1.57E-03	2.49E-04	6.52E-03	3.15E-03	2.61E-04	3.80E-03	4.61E-04
	140	64	28	181	73	52	21	4.47E-03	7.64E-04	1.16E-02	6.81E-03	5.32E-04	7.25E-03	8.69E-04
	140	64	28	181	73	54	22	1.36E-02	1.26E-03	4.30E-02	1.53E-02	1.17E-03	2.86E-02	3.40E-03
	140	64	28	181	73	56	23	3.56E-02	2.83E-03	9.00E-02	3.65E-02	2.91E-03	6.16E-02	7.47E-03
	140	64	28	181	73	58	24	1.14E-01	1.24E-02	3.63E-01	9.34E-02	8.21E-03	2.30E-01	3.09E-02
	140	64	28	181	73	60	25	3.17E-01	2.79E-02	6.57E-01	2.51E-01	2.61E-02	3.10E-01	5.24E-02
	140	64	28	181	73	62	26	1.50E+00	1.26E-01	2.61E+00	6.28E-01	8.63E-02	6.08E-01	1.42E-01
	140	64	28	181	73	49	19	1.45E-04	2.69E-05	3.03E-04	1.69E-04	1.81E-05	1.62E-04	2.17E-05
	140	64	28	181	73	51	20	1.59E-04	2.45E-05	6.03E-04	3.83E-04	3.81E-05	3.41E-04	4.47E-05
	140	64	28	181	73	53	21	7.67E-04	6.19E-05	2.43E-03	8.87E-04	8.38E-05	1.46E-03	1.87E-04
	140	64	28	181	73	55	22	1.96E-03	2.02E-04	5.13E-03	2.15E-03	2.01E-04	3.18E-03	4.10E-04
	140	64	28	181	73	57	23	8.15E-03	1.29E-03	2.72E-02	5.55E-03	5.43E-04	1.59E-02	2.20E-03
	140	64	28	181	73	59	24	1.79E-02	3.78E-03	5.24E-02	1.54E-02	1.66E-03	2.38E-02	3.98E-03
	140	64	28	181	73	61	25	7.78E-02	1.23E-02	1.73E-01	4.45E-02	5.63E-03	4.30E-02	9.58E-03
	140	64	28	181	73	54	21	7.58E-05	1.69E-05	2.07E-04	9.63E-05	1.17E-05	1.15E-04	1.60E-05
	140	64	28	181	73	56	22	2.64E-04	5.40E-05	1.18E-03	2.49E-04	3.02E-05	6.25E-04	9.10E-05
	140	64	28	181	73	58	23	7.43E-04	1.36E-04	2.87E-03	6.87E-04	8.65E-05	1.24E-03	2.09E-04
	140	64	28	181	73	60	24	2.33E-03	5.44E-04	1.06E-02	2.04E-03	2.78E-04	2.73E-03	5.92E-04
	140	64	28	181	73	59	23	1.43E-04	1.35E-05	4.73E-04	6.84E-05	1.13E-05	1.23E-04	2.64E-05
[22]	140	78	36	9	4	60	32	3.80E-10	2.70E-10	4.32E-08	4.19E-10	1.12E-10	6.44E-09	1.38E-09
	140	78	36	9	4	61	32	1.00E-07	5.00E-08	9.75E-07	3.81E-08	8.46E-09	1.47E-07	2.91E-08
	140	78	36	9	4	62	32	4.80E-06	2.00E-06	2.63E-05	2.92E-05	5.72E-07	3.96E-06	7.46E-07
	140	78	36	9	4	63	32	3.00E-04	1.20E-04	7.79E-04	1.59E-04	2.86E-05	1.16E-04	2.14E-05
	140	78	36	9	4	64	32	1.00E-02	4.00E-03	2.07E-02	5.24E-03	9.11E-04	3.03E-03	5.61E-04
	140	78	36	9	4	64	34	2.80E-10	1.90E-10	2.39E-08	4.33E-10	1.34E-10	3.62E-09	8.18E-10
	140	78	36	9	4	65	34	2.60E-08	1.40E-08	5.73E-07	3.37E-08	8.31E-09	8.72E-08	1.84E-08
	140	78	36	9	4	66	34	1.10E-06	5.00E-07	1.61E-05	2.36E-06	4.75E-07	2.44E-06	4.92E-07
	140	78	36	9	4	67	34	1.10E-04	5.00E-05	4.30E-04	1.26E-04	2.20E-05	6.48E-05	1.29E-05
	140	78	36	9	4	68	34	3.90E-03	1.60E-03	1.03E-02	4.34E-03	7.63E-04	1.53E-03	3.07E-04
[23]	132	76	32	9	4	36	14	8.22E-04	0.00E+00	1.23E-03	9.45E-04	1.34E-04	8.55E-04	1.36E-04
	132	76	32	9	4	38	15	1.38E-03	0.00E+00	1.71E-03	1.63E-03	2.22E-04	1.06E-03	1.51E-04
	132	76	32	9	4	40	16	2.38E-03	0.00E+00	5.80E-03	2.81E-03	3.75E-04	3.21E-03	4.14E-04
	132	76	32	9	4	42	17	4.02E-03	0.00E+00	9.28E-03	4.86E-03	6.40E-04	4.62E-03	5.40E-04
	132	76	32	9	4	37	14	1.10E-04	0.00E+00	9.81E-05	1.12E-04	1.35E-05	6.65E-05	1.05E-05
	132	76	32	9	4	39	15	3.94E-04	0.00E+00	4.17E-04	2.06E-04	2.26E-05	2.47E-04	3.51E-05
	132	76	32	9	4	41	16	3.78E-04	0.00E+00	6.52E-04	3.80E-04	3.99E-05	3.42E-04	4.35E-05
	132	76	32	9	4	43	17	1.17E-03	0.00E+00	2.50E-03	7.11E-04	7.34E-05	1.17E-03	1.34E-04
	132	76	32	9	4	47	19	1.70E-03	4.24E-04	1.33E-02	2.68E-03	2.75E-04	4.97E-03	4.73E-04
	132	76	32	9	4	38	14	1.80E-05	0.00E+00	2.17E-05	1.23E-05	1.48E-06	1.40E-05	2.23E-06
	132	76	32	9	4	40	15	4.11E-05	0.00E+00	3.33E-05	2.40E-05	2.43E-06	1.86E-05	2.64E-06
	132	76	32	9	4	42	16	8.39E-05	0.00E+00	1.55E-04	4.70E-05	4.25E-06	7.53E-05	9.58E-06
	132	76	32	9	4	44	17	1.66E-04	0.00E+00	2.43E-04	9.41E-05	8.04E-06	1.04E-04	1.18E-05
	132	76	32	9	4	46	18	2.87E-04	0.00E+00	9.83E-04	1.94E-04	1.64E-05	3.71E-04	3.80E-05
	132	76	32	9	4	48	19	4.65E-04	0.00E+00	1.86E-03	4.17E-04	3.55E-05	6.25E-04	5.81E-05

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
132	76	32	9	4	50	20	6.29E-04	0.00E+00	6.29E-03	9.33E-04	8.10E-05	1.89E-03	1.63E-04	
132	76	32	9	4	39	14	1.51E-06	3.04E-07	1.14E-06	1.26E-06	1.68E-07	6.88E-07	1.11E-07	
132	76	32	9	4	41	15	4.75E-06	0.00E+00	7.05E-06	2.57E-06	2.77E-07	3.62E-06	5.23E-07	
132	76	32	9	4	43	16	5.02E-06	0.00E+00	1.11E-05	5.34E-06	4.80E-07	4.91E-06	6.34E-07	
132	76	32	9	4	45	17	2.62E-05	0.00E+00	5.08E-05	1.14E-05	9.10E-07	1.95E-05	2.24E-06	
132	76	32	9	4	47	18	2.09E-05	0.00E+00	1.09E-04	2.54E-05	1.92E-06	3.67E-05	3.76E-06	
132	76	32	9	4	49	19	8.80E-05	0.00E+00	3.87E-04	5.89E-05	4.49E-06	1.15E-04	1.06E-05	
132	76	32	9	4	51	20	9.71E-05	0.00E+00	8.12E-04	1.43E-04	1.14E-05	2.14E-04	1.80E-05	
132	76	32	9	4	53	21	4.28E-04	0.00E+00	3.22E-03	3.65E-04	3.09E-05	7.63E-04	6.11E-05	
132	76	32	9	4	55	22	9.30E-04	0.00E+00	5.75E-03	9.71E-04	8.83E-05	1.24E-03	9.95E-05	
132	76	32	9	4	40	14	2.33E-07	4.15E-08	2.28E-07	1.19E-07	1.76E-08	1.25E-07	2.09E-08	
132	76	32	9	4	42	15	5.72E-07	0.00E+00	3.85E-07	2.54E-07	3.00E-08	1.78E-07	2.66E-08	
132	76	32	9	4	44	16	8.67E-07	0.00E+00	1.87E-06	5.58E-07	5.31E-08	7.39E-07	9.82E-08	
132	76	32	9	4	46	17	1.38E-06	0.00E+00	4.23E-06	1.27E-06	1.02E-07	1.44E-06	1.69E-07	
132	76	32	9	4	48	18	3.05E-06	0.00E+00	1.86E-05	3.03E-06	2.22E-07	5.46E-06	5.71E-07	
132	76	32	9	4	50	19	9.36E-06	0.00E+00	3.80E-05	7.58E-06	5.52E-07	9.78E-06	9.07E-07	
132	76	32	9	4	52	20	1.14E-05	0.00E+00	1.82E-04	2.00E-05	1.53E-06	4.14E-05	3.47E-06	
132	76	32	9	4	54	21	4.85E-05	0.00E+00	3.66E-04	5.56E-05	4.62E-06	7.45E-05	5.84E-06	
132	76	32	9	4	56	22	2.24E-04	0.00E+00	1.60E-03	1.61E-04	1.48E-05	2.95E-04	2.30E-05	
132	76	32	9	4	58	23	6.46E-04	0.00E+00	3.15E-03	4.86E-04	5.00E-05	5.34E-04	4.43E-05	
132	76	32	9	4	60	24	1.92E-03	6.92E-04	1.32E-02	1.51E-03	1.74E-04	2.09E-03	1.94E-04	
132	76	32	9	4	41	14	5.71E-09	1.95E-09	9.11E-09	1.02E-08	1.61E-09	4.47E-09	7.77E-10	
132	76	32	9	4	43	15	4.76E-08	8.03E-09	5.33E-08	2.28E-08	2.86E-09	2.18E-08	3.40E-09	
132	76	32	9	4	45	16	4.27E-08	8.53E-09	1.10E-07	5.29E-08	5.28E-09	3.80E-08	5.29E-09	
132	76	32	9	4	47	17	1.60E-07	2.42E-08	6.91E-07	1.28E-07	1.05E-08	2.03E-07	2.51E-08	
132	76	32	9	4	49	18	1.63E-07	3.26E-08	1.18E-06	3.27E-07	2.37E-08	2.99E-07	3.25E-08	
132	76	32	9	4	51	19	1.08E-06	0.00E+00	7.92E-06	8.83E-07	6.18E-08	1.74E-06	1.67E-07	
132	76	32	9	4	53	20	5.59E-07	0.00E+00	1.43E-05	2.53E-06	1.85E-07	2.77E-06	2.36E-07	
132	76	32	9	4	55	21	9.36E-06	0.00E+00	8.46E-05	7.63E-06	6.14E-07	1.46E-05	1.14E-06	
132	76	32	9	4	57	22	2.93E-05	0.00E+00	1.66E-04	2.42E-05	2.20E-06	2.59E-05	1.99E-06	
132	76	32	9	4	59	23	1.70E-04	0.00E+00	8.32E-04	7.97E-05	8.31E-06	1.19E-04	9.71E-06	
132	76	32	9	4	61	24	3.92E-04	0.00E+00	1.71E-03	2.72E-04	3.25E-05	2.29E-04	2.09E-05	
132	76	32	9	4	63	25	1.70E-03	3.71E-04	8.72E-03	9.54E-04	1.30E-04	1.12E-03	1.18E-04	
132	76	32	9	4	65	26	3.56E-03	1.63E-03	1.96E-02	3.44E-03	5.27E-04	2.47E-03	2.99E-04	
132	76	32	9	4	42	14	9.85E-10	3.88E-10	1.12E-09	7.76E-10	1.28E-10	4.80E-10	8.81E-11	
132	76	32	9	4	44	15	1.28E-09	3.77E-10	2.24E-09	1.82E-09	2.38E-10	7.94E-10	1.31E-10	
132	76	32	9	4	46	16	2.55E-09	7.76E-10	1.63E-08	4.47E-09	4.62E-10	4.84E-09	7.17E-10	
132	76	32	9	4	48	17	6.35E-09	1.49E-09	3.02E-08	1.15E-08	9.69E-10	7.56E-09	9.94E-10	
132	76	32	9	4	50	18	1.61E-08	3.23E-09	2.20E-07	3.15E-08	2.28E-09	4.70E-08	5.45E-09	
132	76	32	9	4	52	19	1.81E-08	4.53E-09	4.44E-07	9.18E-08	6.17E-09	8.21E-08	8.34E-09	
132	76	32	9	4	54	20	8.88E-08	2.34E-08	2.83E-06	2.84E-07	1.94E-08	4.58E-07	4.10E-08	
132	76	32	9	4	56	21	6.47E-07	0.00E+00	6.09E-06	9.34E-07	6.98E-08	8.75E-07	7.11E-08	
132	76	32	9	4	58	22	5.82E-06	0.00E+00	3.74E-05	3.23E-06	2.77E-07	4.85E-06	3.79E-07	
132	76	32	9	4	60	23	2.17E-05	0.00E+00	7.94E-05	1.17E-05	1.17E-06	9.48E-06	7.74E-07	
132	76	32	9	4	62	24	8.24E-05	0.00E+00	4.61E-04	4.37E-05	5.17E-06	5.16E-05	4.71E-06	
132	76	32	9	4	64	25	2.26E-04	0.00E+00	1.15E-03	1.69E-04	2.33E-05	1.24E-04	1.30E-05	
132	76	32	9	4	66	26	9.87E-04	0.00E+00	7.54E-03	6.77E-04	1.07E-04	7.90E-04	9.59E-05	
132	76	32	9	4	68	27	3.63E-03	1.07E-03	2.12E-02	2.81E-03	5.01E-04	2.20E-03	3.05E-04	
132	76	32	9	4	45	15	9.99E-11	5.41E-11	3.83E-10	1.27E-10	1.76E-11	1.16E-10	2.05E-11	
132	76	32	9	4	49	17	8.13E-10	2.40E-10	5.23E-09	9.05E-10	8.55E-11	1.10E-09	1.56E-10	
132	76	32	9	4	51	18	4.31E-10	1.39E-10	8.41E-09	2.66E-09	2.15E-10	1.50E-09	1.88E-10	
132	76	32	9	4	53	19	2.42E-09	4.89E-10	7.48E-08	8.36E-09	6.03E-10	1.14E-08	1.26E-09	
132	76	32	9	4	55	20	2.50E-09	7.60E-10	1.54E-07	2.81E-08	1.91E-09	2.05E-08	1.99E-09	
132	76	32	9	4	57	21	5.84E-08	1.28E-08	1.15E-06	1.00E-07	6.93E-09	1.36E-07	1.19E-08	
132	76	32	9	4	59	22	5.29E-07	0.00E+00	2.42E-06	3.79E-07	2.92E-08	2.58E-07	2.13E-08	
132	76	32	9	4	61	23	4.20E-06	0.00E+00	1.82E-05	1.50E-06	1.37E-07	1.79E-06	1.51E-07	
132	76	32	9	4	63	24	6.89E-06	0.00E+00	4.40E-05	6.17E-06	6.83E-07	4.06E-06	3.79E-07	
132	76	32	9	4	65	25	4.95E-05	0.00E+00	3.29E-04	2.64E-05	3.50E-06	2.90E-05	3.11E-06	
132	76	32	9	4	67	26	1.33E-04	0.00E+00	1.09E-03	1.17E-04	1.83E-05	9.31E-05	1.16E-05	
132	76	32	9	4	69	27	6.33E-04	1.07E-04	7.62E-03	5.40E-04	9.74E-05	6.34E-04	9.09E-05	
132	76	32	9	4	48	16	3.39E-11	2.36E-11	8.42E-11	2.07E-11	2.92E-12	1.75E-11	3.04E-12	
132	76	32	9	4	50	17	3.72E-11	2.64E-11	1.22E-10	6.09E-11	7.58E-12	2.11E-11	3.29E-12	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
132	76	32	9	4	52	18	2.88E-11	3.95E-11	1.33E-09	1.93E-10	2.13E-11	1.93E-10	2.67E-11	
132	76	32	9	4	54	19	1.85E-10	5.19E-11	2.81E-09	6.56E-10	6.41E-11	3.52E-10	4.28E-11	
132	76	32	9	4	56	20	9.69E-10	2.15E-10	2.36E-08	2.40E-09	2.05E-10	2.57E-09	2.75E-10	
132	76	32	9	4	58	21	9.19E-09	2.44E-09	5.80E-08	9.34E-09	7.11E-10	5.57E-09	5.36E-10	
132	76	32	9	4	60	22	8.40E-08	1.68E-08	4.46E-07	3.85E-08	2.83E-09	3.87E-08	3.49E-09	
132	76	32	9	4	62	23	3.35E-07	6.78E-08	1.21E-06	1.67E-07	1.35E-08	9.66E-08	8.80E-09	
132	76	32	9	4	64	24	1.22E-06	0.00E+00	9.33E-06	7.56E-07	7.39E-08	6.96E-07	6.90E-08	
132	76	32	9	4	66	25	4.75E-06	0.00E+00	3.92E-05	3.56E-06	4.30E-07	2.78E-06	3.14E-07	
132	76	32	9	4	68	26	1.83E-05	0.00E+00	2.95E-04	1.74E-05	2.57E-06	2.00E-05	2.62E-06	
132	76	32	9	4	70	27	8.10E-05	0.00E+00	8.80E-04	8.89E-05	1.57E-05	5.68E-05	8.62E-06	
132	76	32	9	4	55	19	4.30E-11	2.21E-11	2.54E-10	4.35E-11	6.44E-12	2.55E-11	3.48E-12	
132	76	32	9	4	57	20	4.77E-11	2.46E-11	8.47E-10	1.73E-10	2.24E-11	7.40E-11	8.93E-12	
132	76	32	9	4	59	21	1.18E-09	2.76E-10	8.42E-09	7.37E-10	8.07E-11	6.49E-10	7.06E-11	
132	76	32	9	4	61	22	3.91E-09	6.92E-10	2.16E-08	3.33E-09	3.06E-10	1.50E-09	1.52E-10	
132	76	32	9	4	63	23	3.15E-08	7.89E-09	2.04E-07	1.58E-08	1.31E-09	1.30E-08	1.32E-09	
132	76	32	9	4	65	24	4.96E-08	1.31E-08	7.90E-07	7.87E-08	6.88E-09	4.68E-08	5.10E-09	
132	76	32	9	4	67	25	5.84E-07	0.00E+00	8.34E-06	4.07E-07	4.33E-08	4.64E-07	5.70E-08	
132	76	32	9	4	69	26	1.71E-06	0.00E+00	2.96E-05	2.19E-06	2.93E-07	1.54E-06	2.20E-07	
132	76	32	9	4	71	27	8.98E-06	0.00E+00	1.43E-04	1.23E-05	2.05E-06	6.88E-06	1.14E-06	
132	76	32	9	4	58	20	9.72E-12	5.85E-12	7.48E-11	1.04E-11	2.05E-12	5.17E-12	7.10E-13	
132	76	32	9	4	60	21	5.39E-11	2.36E-11	4.03E-10	4.87E-11	8.19E-12	2.46E-11	3.06E-12	
132	76	32	9	4	62	22	5.55E-10	1.23E-10	3.07E-09	2.41E-10	3.36E-11	1.68E-10	1.97E-11	
132	76	32	9	4	64	23	1.85E-09	4.04E-10	1.13E-08	1.26E-09	1.43E-10	5.63E-10	6.54E-11	
132	76	32	9	4	66	24	6.66E-09	1.48E-09	1.44E-07	6.86E-09	6.68E-10	6.63E-09	8.18E-10	
132	76	32	9	4	68	25	1.28E-08	3.76E-09	6.33E-07	3.89E-08	3.88E-09	2.69E-08	3.71E-09	
132	76	32	9	4	70	26	1.52E-07	3.36E-08	4.52E-06	2.29E-07	2.77E-08	1.75E-07	2.79E-08	
132	76	32	9	4	61	21	7.81E-12	4.96E-12	2.29E-11	2.66E-12	6.57E-13	1.09E-12	1.56E-13	
132	76	32	9	4	63	22	3.41E-11	1.51E-11	1.53E-10	1.44E-11	3.03E-12	6.50E-12	8.81E-13	
132	76	32	9	4	65	23	2.01E-10	4.39E-11	1.24E-09	8.25E-11	1.43E-11	4.75E-11	6.40E-12	
132	76	32	9	4	67	24	1.93E-10	4.69E-11	8.40E-09	4.92E-10	6.89E-11	2.92E-10	4.16E-11	
132	76	32	9	4	69	25	1.60E-09	3.24E-10	8.99E-08	3.03E-09	3.66E-10	2.83E-09	4.48E-10	
132	76	32	9	4	66	23	8.84E-12	5.92E-12	9.47E-11	4.40E-12	1.12E-12	2.73E-12	4.29E-13	
132	76	32	9	4	68	24	5.50E-11	2.26E-11	8.49E-10	2.85E-11	6.02E-12	2.18E-11	3.62E-12	
132	76	32	9	4	70	25	1.78E-11	1.19E-11	3.54E-09	1.89E-10	3.34E-11	8.22E-11	1.51E-11	
[24]	128	40	18	9	4	10	4	4.09E+00	1.69E+00	7.51E-01	2.51E+00	3.17E-01	2.92E+00	4.98E-01
	128	40	18	9	4	11	4	2.01E-01	1.62E-01	3.83E-02	4.41E-01	4.79E-02	1.76E-01	2.62E-02
	128	40	18	9	4	12	4	3.72E-02	3.99E-02	2.25E-02	4.58E-02	4.63E-03	1.18E-01	1.58E-02
	128	40	18	9	4	12	5	1.79E+00	2.31E+00	4.31E-01	2.45E+00	2.43E-01	9.74E-01	1.22E-01
	128	40	18	9	4	13	5	6.70E-01	4.93E-01	2.80E-01	5.07E-01	4.31E-02	7.43E-01	8.20E-02
	128	40	18	9	4	14	5	3.23E-02	3.48E-02	1.56E-02	6.13E-02	4.90E-03	4.68E-02	4.77E-03
	128	40	18	9	4	15	5	7.76E-03	9.98E-03	4.89E-03	5.04E-03	4.08E-04	1.59E-02	1.59E-03
	128	40	18	9	4	14	6	3.26E+00	4.25E+00	1.89E+00	2.64E+00	2.14E-01	2.83E+00	2.84E-01
	128	40	18	9	4	15	6	4.88E-01	3.66E-01	1.78E-01	6.38E-01	4.51E-02	3.09E-01	2.80E-02
	128	40	18	9	4	16	6	1.45E-01	1.00E-01	6.23E-02	8.91E-02	6.05E-03	1.20E-01	1.04E-02
	128	40	18	9	4	17	6	1.01E-02	7.23E-02	3.22E-03	8.38E-03	5.76E-04	6.61E-03	5.83E-04
	128	40	18	9	4	18	6	1.72E-03	2.22E-03	7.51E-04	5.98E-04	4.20E-05	1.58E-03	1.47E-04
	128	40	18	9	4	19	6	2.59E-05	4.10E-06	2.41E-05	3.54E-05	2.62E-06	4.99E-05	5.05E-06
	128	40	18	9	4	16	7	9.36E-01	1.28E-01	1.45E+00	3.09E+00	2.19E-01	1.59E+00	1.44E-01
	128	40	18	9	4	17	7	7.87E-01	8.06E-01	6.07E-01	8.69E-01	5.54E-02	7.55E-01	6.37E-02
	128	40	18	9	4	18	7	1.39E-01	1.03E-01	6.30E-02	1.39E-01	8.71E-03	8.55E-02	7.07E-03
	128	40	18	9	4	19	7	3.45E-02	2.51E-02	1.34E-02	1.49E-02	9.32E-04	1.90E-02	1.61E-03
	128	40	18	9	4	20	7	2.31E-03	1.65E-03	7.53E-04	1.19E-03	7.35E-05	1.07E-03	9.62E-05
	128	40	18	9	4	21	7	2.87E-04	3.68E-04	1.18E-04	7.79E-05	4.87E-06	1.61E-04	1.56E-05
	128	40	18	9	4	22	7	6.09E-06	1.04E-06	2.57E-06	4.43E-06	3.10E-07	3.25E-06	3.48E-07
	128	40	18	9	4	19	8	6.54E-01	8.55E-01	6.09E-01	1.26E+00	7.72E-02	5.88E-01	4.93E-02
	128	40	18	9	4	20	8	2.48E-01	3.17E-01	2.03E-01	2.31E-01	1.39E-02	2.09E-01	1.72E-02
	128	40	18	9	4	21	8	3.12E-02	2.38E-02	1.57E-02	2.77E-02	1.65E-03	1.65E-02	1.38E-03
	128	40	18	9	4	22	8	4.26E-03	3.55E-03	2.95E-03	2.47E-03	1.42E-04	3.05E-03	2.66E-04
	128	40	18	9	4	23	8	1.19E-04	1.02E-04	1.32E-04	1.78E-04	9.98E-06	1.28E-04	1.20E-05
	128	40	18	9	4	24	8	7.72E-06	1.09E-06	2.76E-05	1.10E-05	6.85E-07	2.41E-05	2.47E-06
	128	40	18	9	4	21	9	1.05E+00	1.47E+00	1.75E+00	1.91E+00	1.15E-01	1.39E+00	1.18E-01
	128	40	18	9	4	22	9	2.71E-01	3.96E-01	2.43E-01	3.96E-01	2.33E-02	2.02E-01	1.66E-02

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
128	40	18	9	4	23	9	9	6.88E-02	5.16E-02	5.83E-02	5.33E-02	3.07E-03	4.83E-02	3.98E-03
128	40	18	9	4	24	9	9	5.96E-03	4.54E-03	4.32E-03	5.24E-03	2.87E-04	3.42E-03	2.90E-04
128	40	18	9	4	25	9	9	5.10E-04	4.96E-04	8.22E-04	4.11E-04	2.20E-05	5.98E-04	5.36E-05
128	40	18	9	4	26	9	9	3.05E-05	4.01E-05	2.36E-05	2.73E-05	1.63E-06	1.51E-05	1.48E-06
128	40	18	9	4	27	9	9	1.80E-06	2.80E-06	3.53E-06	1.58E-06	1.21E-07	1.90E-06	2.10E-07
128	40	18	9	4	24	10	10	4.32E-01	6.64E-01	7.31E-01	6.95E-01	4.02E-02	5.14E-01	4.20E-02
128	40	18	9	4	25	10	10	5.22E-02	4.85E-02	8.15E-02	1.04E-01	5.83E-03	5.58E-02	4.50E-03
128	40	18	9	4	26	10	10	1.06E-02	8.24E-02	1.64E-02	1.12E-02	6.00E-04	1.05E-02	8.57E-04
128	40	18	9	4	27	10	10	3.85E-04	6.15E-04	8.70E-04	9.47E-04	5.04E-05	4.98E-04	4.26E-05
128	40	18	9	4	28	10	10	1.07E-04	1.28E-04	1.50E-04	6.70E-05	4.03E-06	7.37E-05	6.87E-06
128	40	18	9	4	29	10	10	3.58E-06	6.46E-06	3.82E-06	4.07E-06	3.10E-07	1.54E-06	1.63E-07
128	40	18	9	4	30	10	10	2.93E-07	6.40E-08	4.40E-07	2.14E-07	2.10E-08	1.40E-07	1.73E-08
128	40	18	9	4	26	11	11	5.00E-01	6.85E-01	9.16E-01	1.22E+00	7.04E-02	5.69E-01	4.60E-02
128	40	18	9	4	27	11	11	1.38E-01	1.91E-01	3.16E-01	2.01E-01	1.12E-02	1.87E-01	1.47E-02
128	40	18	9	4	28	11	11	1.71E-02	1.52E-02	2.38E-02	2.35E-02	1.27E-03	1.28E-02	1.01E-03
128	40	18	9	4	29	11	11	3.57E-03	3.26E-03	5.05E-03	2.13E-03	1.17E-04	2.38E-03	1.94E-04
128	40	18	9	4	30	11	11	2.56E-04	2.57E-04	1.91E-04	1.58E-04	9.87E-06	7.54E-05	6.71E-06
128	40	18	9	4	31	11	11	3.46E-05	4.77E-05	2.74E-05	9.94E-06	7.68E-07	8.63E-06	8.80E-07
128	40	18	9	4	32	11	11	1.05E-06	2.19E-06	5.40E-07	5.29E-07	5.10E-08	1.30E-07	1.58E-08
128	40	18	9	4	33	11	11	8.86E-08	3.67E-08	6.81E-08	2.36E-08	2.75E-09	1.19E-08	1.76E-09
128	40	18	9	4	28	12	12	6.69E-01	1.14E-01	2.65E+00	2.13E+00	1.26E-01	1.51E+00	1.22E-01
128	40	18	9	4	29	12	12	1.18E-01	2.24E-01	3.78E-01	3.82E-01	2.19E-02	2.00E-01	1.56E-02
128	40	18	9	4	30	12	12	3.57E-02	4.78E-02	9.86E-02	4.80E-02	2.70E-03	4.64E-02	3.56E-03
128	40	18	9	4	31	12	12	3.39E-03	4.44E-03	5.95E-03	4.60E-03	2.66E-04	2.39E-03	1.89E-04
128	40	18	9	4	32	12	12	7.73E-04	7.84E-04	1.24E-03	3.54E-04	2.31E-05	4.05E-04	3.49E-05
128	40	18	9	4	33	12	12	3.19E-05	4.72E-05	4.00E-05	2.25E-05	1.77E-06	1.02E-05	1.02E-06
128	40	18	9	4	31	13	13	3.12E-01	6.20E-01	1.43E+00	7.07E-01	4.27E-02	6.96E-01	5.49E-02
128	40	18	9	4	32	13	13	5.31E-02	7.85E-02	1.23E-01	9.43E-02	5.65E-03	5.25E-02	4.04E-03
128	40	18	9	4	33	13	13	1.39E-02	1.33E-02	3.84E-02	9.39E-03	5.82E-04	1.36E-02	1.07E-03
128	40	18	9	4	34	13	13	1.36E-03	1.90E-03	2.09E-03	7.34E-04	5.05E-05	5.86E-04	5.07E-05
128	40	18	9	4	35	13	13	1.97E-04	2.39E-04	3.84E-04	4.61E-05	3.71E-06	8.10E-05	8.30E-06
128	40	18	9	4	36	13	13	6.03E-06	1.35E-06	1.09E-05	2.32E-06	2.20E-07	1.65E-06	2.11E-07
128	40	18	9	4	33	14	14	3.25E-01	5.89E-01	1.63E+00	1.26E+00	8.18E-02	7.59E-01	6.26E-02
128	40	18	9	4	34	14	14	1.11E-01	8.49E-01	7.56E-01	1.75E-01	1.14E-02	2.99E-01	2.40E-02
128	40	18	9	4	35	14	14	1.05E-02	1.38E-02	6.02E-02	1.78E-02	1.20E-03	1.92E-02	1.59E-03
128	40	18	9	4	36	14	14	2.61E-03	2.78E-03	1.41E-02	1.37E-03	1.02E-04	3.45E-03	3.21E-04
128	40	18	9	4	37	14	14	7.12E-05	1.24E-05	5.69E-04	8.21E-05	7.05E-06	1.01E-04	1.15E-05
128	40	18	9	4	35	15	15	1.06E+00	1.91E+00	6.69E+00	2.08E+00	1.49E-01	3.04E+00	2.75E-01
128	40	18	9	4	36	15	15	1.69E-01	3.35E-01	1.15E+00	2.96E-01	2.12E-02	4.31E-01	3.86E-02
128	40	18	9	4	37	15	15	6.60E-02	1.67E-02	3.02E-01	2.95E-02	2.22E-03	8.83E-02	8.40E-03
128	40	18	9	4	38	15	15	3.74E-03	5.44E-03	1.62E-02	2.15E-03	1.81E-04	3.50E-03	3.90E-04
[24]	128	40	18	58	28	10	4	5.66E+00	6.70E-01	1.98E+00	6.41E+00	1.45E+00	5.66E+00	1.88E+00
	128	40	18	58	28	11	4	3.76E-01	4.50E-02	9.78E-02	9.11E-01	1.78E-01	3.55E-01	1.00E-01
	128	40	18	58	28	12	4	9.87E-02	1.78E-02	5.56E-02	8.56E-02	1.54E-02	2.54E-01	6.64E-02
	128	40	18	58	28	12	5	2.94E+00	3.50E-01	1.07E+00	6.34E+00	1.17E+00	1.64E+00	4.36E-01
	128	40	18	58	28	13	5	1.08E+00	6.00E-02	6.71E-01	1.05E+00	1.63E-01	1.32E+00	3.04E-01
	128	40	18	58	28	14	5	5.46E-02	4.40E-03	3.62E-02	1.14E-01	1.61E-02	8.97E-02	1.96E-02
	128	40	18	58	28	15	5	1.66E-02	2.00E-03	1.10E-02	9.23E-03	1.36E-03	3.39E-02	7.49E-03
	128	40	18	58	28	14	6	4.79E+00	5.70E-01	4.39E+00	6.22E+00	9.96E-01	3.93E+00	8.76E-01
	128	40	18	58	28	15	6	6.74E-01	4.50E-02	4.01E-01	1.20E+00	1.56E-01	4.60E-01	9.03E-02
	128	40	18	58	28	16	6	1.84E-01	1.10E-02	1.36E-01	1.51E-01	1.75E-02	1.97E-01	3.66E-02
	128	40	18	58	28	17	6	1.42E-02	1.00E-03	6.79E-03	1.40E-02	1.70E-03	1.22E-02	2.29E-03
	128	40	18	58	28	18	6	3.88E-03	5.90E-04	1.54E-03	1.06E-03	1.54E-04	3.39E-03	6.65E-04
	128	40	18	58	28	17	7	1.10E+00	1.30E-01	1.28E+00	1.37E+00	1.65E-01	9.22E-01	1.60E-01
	128	40	18	58	28	18	7	1.92E-01	1.20E-02	1.29E-01	2.00E-01	2.07E-02	1.17E-01	1.91E-02
	128	40	18	58	28	19	7	4.76E-02	2.70E-03	2.65E-02	2.14E-02	2.21E-03	2.99E-02	4.86E-03
	128	40	18	58	28	20	7	3.41E-03	4.00E-04	1.45E-03	1.84E-03	2.25E-04	1.99E-03	3.33E-04
	128	40	18	58	28	21	7	5.45E-04	9.00E-05	2.19E-04	1.36E-04	2.13E-05	3.63E-04	6.34E-05
	128	40	18	58	28	19	8	8.91E-01	1.06E-01	1.21E+00	1.59E+00	1.95E-01	5.78E-01	9.23E-02
	128	40	18	58	28	20	8	3.09E-01	2.00E-02	3.89E-01	2.69E-01	2.77E-02	2.35E-01	3.53E-02
	128	40	18	58	28	21	8	3.65E-02	2.10E-03	2.91E-02	3.29E-02	3.11E-03	2.19E-02	3.20E-03
	128	40	18	58	28	22	8	5.15E-03	3.50E-04	5.31E-03	3.22E-03	3.32E-04	4.90E-03	7.20E-04

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
128	40	18	58	28	23	8	8	1.45E-04	1.80E-05	2.30E-04	2.70E-04	3.49E-05	2.57E-04	3.87E-05
128	40	18	58	28	24	8	8	9.42E-06	2.72E-06	4.66E-05	2.01E-05	3.39E-06	6.20E-05	9.71E-06
128	40	18	58	28	21	9	9	1.83E+00	2.20E-01	3.25E+00	1.89E+00	2.52E-01	1.10E+00	1.69E-01
128	40	18	58	28	22	9	9	3.78E-01	3.60E-02	4.38E-01	3.68E-01	4.12E-02	1.88E-01	2.69E-02
128	40	18	58	28	23	9	9	8.46E-02	5.00E-03	1.02E-01	5.17E-02	4.94E-03	5.44E-02	7.51E-03
128	40	18	58	28	24	9	9	6.71E-03	5.20E-04	7.30E-03	5.77E-03	5.21E-04	4.81E-03	6.56E-04
128	40	18	58	28	25	9	9	6.64E-04	6.70E-05	1.35E-03	5.45E-04	5.72E-05	1.08E-03	1.49E-04
128	40	18	58	28	26	9	9	4.10E-05	5.30E-06	3.74E-05	4.56E-05	6.25E-06	3.62E-05	5.18E-06
128	40	18	58	28	27	9	9	2.58E-06	4.50E-07	5.42E-06	3.43E-06	6.19E-07	6.24E-06	9.45E-07
128	40	18	58	28	24	10	10	5.38E-01	6.50E-02	1.24E+00	5.19E-01	6.64E-02	4.01E-01	5.69E-02
128	40	18	58	28	25	10	10	6.32E-02	4.40E-03	1.33E-01	8.35E-02	8.90E-03	5.45E-02	7.40E-03
128	40	18	58	28	26	10	10	1.16E-02	8.00E-04	2.61E-02	1.06E-02	9.50E-04	1.32E-02	1.77E-03
128	40	18	58	28	27	10	10	4.64E-04	6.90E-05	1.34E-03	1.12E-03	1.00E-04	8.35E-04	1.13E-04
128	40	18	58	28	28	10	10	1.33E-04	2.20E-05	2.23E-04	1.04E-04	1.17E-05	1.70E-04	2.39E-05
128	40	18	58	28	29	10	10	5.70E-06	1.04E-06	5.51E-06	8.62E-06	1.31E-06	5.04E-06	7.64E-07
128	40	18	58	28	30	10	10	8.50E-07	1.90E-07	6.15E-07	6.38E-07	1.30E-07	6.68E-07	1.12E-07
128	40	18	58	28	26	11	11	5.57E-01	7.00E-02	1.45E+00	7.57E-01	1.12E-01	3.83E-01	5.54E-02
128	40	18	58	28	27	11	11	1.53E-01	1.50E-02	4.85E-01	1.39E-01	1.73E-02	1.63E-01	2.25E-02
128	40	18	58	28	28	11	11	1.77E-02	1.20E-03	3.54E-02	1.99E-02	2.01E-03	1.49E-02	2.03E-03
128	40	18	58	28	29	11	11	3.49E-03	3.70E-04	7.28E-03	2.35E-03	2.08E-04	3.83E-03	5.28E-04
128	40	18	58	28	30	11	11	3.10E-04	3.70E-05	2.67E-04	2.40E-04	2.37E-05	1.73E-04	2.52E-05
128	40	18	58	28	31	11	11	3.81E-05	5.40E-06	3.70E-05	2.15E-05	2.87E-06	2.92E-05	4.65E-06
128	40	18	58	28	28	12	12	9.45E-01	1.22E-01	3.95E+00	1.16E+00	1.93E-01	9.12E-01	1.38E-01
128	40	18	58	28	29	12	12	1.92E-01	2.40E-02	5.45E-01	2.41E-01	3.44E-02	1.62E-01	2.35E-02
128	40	18	58	28	30	12	12	5.28E-02	6.30E-03	1.38E-01	3.85E-02	4.54E-03	5.23E-02	7.46E-03
128	40	18	58	28	31	12	12	4.62E-03	2.33E-03	8.05E-03	5.03E-03	4.96E-04	3.87E-03	5.63E-04
128	40	18	58	28	32	12	12	7.85E-04	8.20E-05	1.62E-03	5.57E-04	5.50E-05	9.73E-04	1.50E-04
128	40	18	58	28	33	12	12	3.24E-05	5.10E-06	5.07E-05	5.29E-05	6.70E-06	3.75E-05	6.39E-06
128	40	18	58	28	34	12	12	4.92E-06	1.22E-06	6.86E-06	4.30E-06	7.63E-07	6.11E-06	1.19E-06
128	40	18	58	28	35	12	12	2.10E-07	1.72E-07	1.05E-07	2.95E-07	7.28E-08	1.11E-07	2.52E-08
128	40	18	58	28	31	13	13	4.10E-01	8.20E-02	1.93E+00	4.36E-01	6.92E-02	5.55E-01	8.79E-02
128	40	18	58	28	32	13	13	5.66E-02	6.70E-03	1.62E-01	7.73E-02	1.03E-02	6.05E-02	9.40E-03
128	40	18	58	28	33	13	13	1.55E-02	1.30E-03	4.87E-02	1.10E-02	1.23E-03	2.34E-02	3.70E-03
128	40	18	58	28	34	13	13	1.51E-03	1.80E-04	2.57E-03	1.29E-03	1.39E-04	1.56E-03	2.62E-04
128	40	18	58	28	35	13	13	2.20E-04	3.40E-05	4.57E-04	1.26E-04	1.65E-05	3.42E-04	6.42E-05
128	40	18	58	28	36	13	13	1.15E-05	2.60E-06	1.26E-05	1.02E-05	1.86E-06	1.14E-05	2.47E-06
128	40	18	58	28	33	14	14	3.99E-01	5.20E-02	2.07E+00	8.23E-01	1.42E-01	6.31E-01	1.15E-01
128	40	18	58	28	34	14	14	1.34E-01	1.40E-02	9.28E-01	1.59E-01	2.36E-02	3.74E-01	6.70E-02
128	40	18	58	28	35	14	14	1.38E-02	1.80E-03	7.16E-02	2.39E-02	3.09E-03	3.73E-02	6.82E-03
128	40	18	58	28	36	14	14	2.83E-03	4.00E-04	1.62E-02	2.88E-03	3.63E-04	1.07E-02	2.09E-03
128	40	18	58	28	37	14	14	1.98E-04	3.60E-05	6.36E-04	2.78E-04	4.15E-05	5.19E-04	1.13E-04
128	40	18	58	28	38	14	14	8.37E-06	2.49E-06	2.37E-05	2.12E-05	4.26E-06	2.45E-05	6.14E-06
128	40	18	58	28	35	15	15	1.39E+00	1.90E-01	7.97E+00	1.57E+00	3.05E-01	2.83E+00	6.30E-01
128	40	18	58	28	36	15	15	2.54E-01	4.60E-02	1.32E+00	3.20E-01	5.59E-02	6.25E-01	1.38E-01
128	40	18	58	28	37	15	15	5.37E-02	1.14E-02	3.37E-01	4.89E-02	7.91E-03	2.06E-01	4.66E-02
128	40	18	58	28	41	16	16	2.11E-03	3.20E-04	1.62E-06	5.63E-04	1.45E-04	2.56E-06	9.05E-07
[24]	128	40	18	181	73	10	4	9.70E+00	1.00E+00	3.01E+00	1.04E+01	1.33E+00	9.22E+00	1.77E+00
	128	40	18	181	73	11	4	6.20E-01	7.10E-02	1.48E-01	1.88E+00	2.14E-01	5.60E-01	9.57E-02
	128	40	18	181	73	12	4	1.92E-01	5.40E-02	8.32E-02	2.13E-01	2.33E-02	3.90E-01	7.12E-02
	128	40	18	181	73	12	5	4.89E+00	5.30E-01	1.59E+00	9.96E+00	9.69E-01	3.71E+00	5.43E-01
	128	40	18	181	73	13	5	2.03E+00	1.60E-01	9.95E-01	2.07E+00	1.74E-01	2.72E+00	3.62E-01
	128	40	18	181	73	14	5	1.04E-01	1.00E-02	5.33E-02	2.70E-01	2.15E-02	1.71E-01	2.44E-02
	128	40	18	181	73	15	5	3.13E-02	6.70E-03	1.61E-02	2.56E-02	2.14E-03	6.11E-02	1.00E-02
	128	40	18	181	73	14	6	9.89E+00	1.21E+00	6.46E+00	1.00E+01	8.24E-01	1.08E+01	1.29E+00
	128	40	18	181	73	15	6	1.26E+00	1.50E-01	5.85E-01	2.40E+00	1.69E-01	1.10E+00	1.21E-01
	128	40	18	181	73	16	6	3.38E-01	3.70E-02	1.96E-01	3.58E-01	2.33E-02	4.19E-01	4.87E-02
	128	40	18	181	73	17	6	2.82E-02	2.20E-03	9.74E-03	3.82E-02	2.56E-03	2.39E-02	3.12E-03
	128	40	18	181	73	18	6	7.42E-03	9.80E-04	2.18E-03	3.29E-03	2.55E-04	6.23E-03	9.28E-04
	128	40	18	181	73	19	6	1.75E-04	2.50E-05	6.73E-05	2.48E-04	2.45E-05	2.27E-04	3.84E-05
	128	40	18	181	73	17	7	1.91E+00	2.10E-01	1.84E+00	2.88E+00	1.96E-01	2.31E+00	2.29E-01
	128	40	18	181	73	18	7	3.69E-01	2.70E-02	1.83E-01	4.88E-01	3.03E-02	2.56E-01	2.57E-02
	128	40	18	181	73	19	7	9.15E-02	6.70E-03	3.74E-02	5.88E-02	3.58E-03	5.92E-02	6.36E-03

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
128	40	18	181	73	20	7	7.84E-03	6.80E-04	2.02E-03	5.63E-03	3.76E-04	3.70E-03	4.39E-04	
128	40	18	181	73	21	7	1.17E-03	1.40E-04	3.03E-04	4.67E-04	3.89E-05	6.57E-04	8.69E-05	
128	40	18	181	73	22	7	3.63E-05	5.30E-06	6.37E-06	3.53E-05	3.97E-06	1.68E-05	2.48E-06	
128	40	18	181	73	19	8	1.63E+00	1.90E-01	1.70E+00	3.55E+00	2.52E-01	1.42E+00	1.35E-01	
128	40	18	181	73	20	8	5.91E-01	6.80E-02	5.44E-01	6.81E-01	4.35E-02	5.04E-01	4.61E-02	
128	40	18	181	73	21	8	6.84E-02	5.10E-03	4.04E-02	9.19E-02	5.47E-03	4.24E-02	3.96E-03	
128	40	18	181	73	22	8	1.06E-02	9.00E-04	7.31E-03	9.76E-03	5.91E-04	8.96E-03	8.86E-04	
128	40	18	181	73	23	8	3.09E-04	3.10E-05	3.14E-04	8.87E-04	6.39E-05	4.64E-04	4.97E-05	
128	40	18	181	73	24	8	2.79E-04	4.00E-05	6.30E-05	7.27E-05	7.05E-06	1.15E-04	1.36E-05	
128	40	18	181	73	21	9	3.82E+00	4.10E-01	4.51E+00	4.44E+00	3.30E-01	2.56E+00	2.39E-01	
128	40	18	181	73	22	9	7.12E-01	8.00E-02	6.02E-01	9.63E-01	6.39E-02	3.82E-01	3.37E-02	
128	40	18	181	73	23	9	1.61E-01	1.20E-02	1.39E-01	1.45E-01	8.67E-03	1.02E-01	8.89E-03	
128	40	18	181	73	24	9	1.36E-02	1.10E-03	9.87E-03	1.70E-02	9.60E-04	8.67E-03	7.81E-04	
128	40	18	181	73	25	9	1.39E-03	1.40E-04	1.80E-03	1.69E-03	1.06E-04	1.96E-03	1.87E-04	
128	40	18	181	73	26	9	1.19E-04	1.70E-05	4.97E-05	1.49E-04	1.25E-05	6.92E-05	7.05E-06	
128	40	18	181	73	27	9	8.91E-06	1.47E-06	7.15E-06	1.21E-05	1.44E-06	1.30E-05	1.44E-06	
128	40	18	181	73	24	10	9.46E-01	1.09E-01	1.67E+00	1.37E+00	9.45E-02	7.71E-01	6.90E-02	
128	40	18	181	73	25	10	1.18E-01	1.00E-02	1.79E-01	2.29E-01	1.40E-02	9.89E-02	8.81E-03	
128	40	18	181	73	26	10	2.33E-02	1.90E-03	3.46E-02	2.95E-02	1.62E-03	2.38E-02	2.18E-03	
128	40	18	181	73	27	10	8.32E-04	9.90E-05	1.76E-03	3.18E-03	1.80E-04	1.56E-03	1.48E-04	
128	40	18	181	73	28	10	3.18E-04	6.80E-05	2.91E-04	3.01E-04	2.22E-05	3.40E-04	3.36E-05	
128	40	18	181	73	29	10	1.10E-05	2.00E-06	7.14E-06	2.59E-05	2.77E-06	1.11E-05	1.15E-06	
128	40	18	181	73	30	10	1.67E-06	4.60E-07	7.90E-07	2.06E-06	3.15E-07	1.62E-06	1.83E-07	
128	40	18	181	73	26	11	1.18E+00	1.30E-01	1.93E+00	1.94E+00	1.42E-01	7.06E-01	6.67E-02	
128	40	18	181	73	27	11	3.10E-01	3.00E-02	6.40E-01	3.61E-01	2.35E-02	2.93E-01	2.82E-02	
128	40	18	181	73	28	11	3.55E-02	3.00E-03	4.62E-02	5.10E-02	2.92E-03	2.75E-02	2.73E-03	
128	40	18	181	73	29	11	7.18E-03	6.80E-04	9.43E-03	5.93E-03	3.29E-04	7.50E-03	7.61E-04	
128	40	18	181	73	30	11	6.97E-04	8.40E-05	3.43E-04	5.98E-04	4.13E-05	3.68E-04	3.77E-05	
128	40	18	181	73	31	11	1.21E-04	2.70E-05	4.72E-05	5.41E-05	5.41E-06	6.72E-05	7.05E-06	
128	40	18	181	73	29	12	2.56E-01	2.60E-02	7.07E-01	5.66E-01	4.12E-02	2.99E-01	3.17E-02	
128	40	18	181	73	30	12	7.09E-02	6.50E-03	1.77E-01	8.74E-02	5.66E-03	1.01E-01	1.10E-02	
128	40	18	181	73	31	12	7.79E-03	8.00E-04	1.03E-02	1.09E-02	6.71E-04	8.05E-03	8.73E-04	
128	40	18	181	73	32	12	1.64E-03	1.90E-04	2.04E-03	1.17E-03	8.38E-05	2.15E-03	2.30E-04	
128	40	18	181	73	33	12	1.26E-04	1.90E-05	6.35E-05	1.10E-04	1.10E-05	8.40E-05	9.35E-06	
128	40	18	181	73	31	13	6.81E-01	8.10E-02	2.46E+00	8.90E-01	7.50E-02	1.07E+00	1.24E-01	
128	40	18	181	73	32	13	1.03E-01	9.00E-03	2.04E-01	1.49E-01	1.15E-02	1.24E-01	1.43E-02	
128	40	18	181	73	33	13	2.74E-02	2.50E-03	6.10E-02	2.00E-02	1.48E-03	4.98E-02	5.64E-03	
128	40	18	181	73	34	13	3.13E-03	4.50E-04	3.19E-03	2.24E-03	1.85E-04	3.26E-03	3.69E-04	
128	40	18	181	73	35	13	5.87E-04	7.70E-05	5.63E-04	2.15E-04	2.35E-05	6.32E-04	7.93E-05	
128	40	18	181	73	36	13	3.34E-05	5.30E-06	1.54E-05	1.79E-05	2.76E-06	1.58E-05	2.51E-06	
128	40	18	181	73	33	14	7.68E-01	8.10E-02	2.59E+00	1.40E+00	1.38E-01	1.27E+00	1.56E-01	
128	40	18	181	73	34	14	2.13E-01	2.00E-02	1.15E+00	2.54E-01	2.38E-02	7.67E-01	9.21E-02	
128	40	18	181	73	35	14	1.92E-02	2.80E-03	8.82E-02	3.59E-02	3.29E-03	7.28E-02	8.52E-03	
128	40	18	181	73	36	14	4.24E-03	7.90E-04	1.98E-02	4.16E-03	4.18E-04	1.74E-02	2.15E-03	
128	40	18	181	73	36	15	3.55E-01	4.00E-02	1.62E+00	4.14E-01	4.65E-02	1.12E+00	1.38E-01	
128	40	18	181	73	37	15	1.04E-01	1.00E-02	4.08E-01	6.06E-02	6.88E-03	2.86E-01	3.59E-02	
128	40	18	181	73	38	15	4.93E-03	7.40E-04	2.11E-02	7.00E-03	8.77E-04	1.15E-02	1.67E-03	
128	40	18	181	73	38	16	1.49E+00	1.80E-01	5.36E+00	5.70E-01	7.53E-02	3.07E+00	4.09E-01	
128	40	18	181	73	41	16	5.98E-03	8.20E-04	1.90E-06	7.21E-04	1.36E-04	1.74E-07	3.88E-08	
[24]	128	48	20	181	73	10	4	3.32E+00	3.80E-01	2.11E+00	1.06E+01	1.55E+00	9.47E+00	2.58E+00
	128	48	20	181	73	11	4	4.36E-01	5.00E-02	9.63E-02	2.03E+00	2.61E-01	5.32E-01	1.13E-01
	128	48	20	181	73	12	4	2.28E-01	2.90E-02	5.17E-02	2.58E-01	3.25E-02	3.47E-01	6.74E-02
	128	48	20	181	73	12	5	1.99E+00	2.30E-01	1.17E+00	9.77E+00	1.26E+00	4.15E+00	9.38E-01
	128	48	20	181	73	13	5	1.55E+00	1.70E-01	7.04E-01	2.21E+00	2.36E-01	2.88E+00	5.17E-01
	128	48	20	181	73	14	5	1.18E-01	1.10E-02	3.73E-02	3.26E-01	3.28E-02	1.74E-01	2.83E-02
	128	48	20	181	73	15	5	5.46E-02	5.40E-03	1.38E-02	3.61E-02	3.84E-03	7.29E-02	1.23E-02
	128	48	20	181	73	17	5	4.37E-04	5.70E-05	1.18E-04	2.84E-04	3.70E-05	7.72E-04	1.64E-04
	128	48	20	181	73	15	6	7.23E-01	7.90E-02	4.46E-01	2.49E+00	2.43E-01	1.30E+00	2.05E-01
	128	48	20	181	73	16	6	3.84E-01	3.10E-02	1.54E-01	4.27E-01	3.63E-02	4.84E-01	6.96E-02
	128	48	20	181	73	17	6	4.62E-02	3.80E-03	9.71E-03	5.43E-02	4.69E-03	3.28E-02	4.77E-03
	128	48	20	181	73	18	6	1.60E-02	1.40E-03	2.58E-03	5.74E-03	5.48E-04	9.29E-03	1.45E-03
	128	48	20	181	73	19	6	5.13E-04	5.40E-05	9.93E-05	5.45E-04	5.87E-05	3.81E-04	6.55E-05

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	128	48	20	181	73	20	6	7.10E-05	8.10E-06	2.23E-05	4.88E-05	5.95E-06	9.11E-05	1.72E-05
	128	48	20	181	73	18	7	3.79E-01	4.10E-02	1.60E-01	5.73E-01	4.55E-02	3.31E-01	4.43E-02
	128	48	20	181	73	19	7	1.52E-01	1.20E-02	4.28E-02	8.37E-02	6.20E-03	9.18E-02	1.20E-02
	128	48	20	181	73	20	7	1.76E-02	1.60E-03	2.86E-03	1.01E-02	7.95E-04	6.35E-03	8.54E-04
	128	48	20	181	73	21	7	3.27E-03	2.80E-04	5.64E-04	1.07E-03	9.63E-05	1.30E-03	1.84E-04
	128	48	20	181	73	22	7	1.42E-04	1.50E-05	1.66E-05	1.07E-04	1.11E-05	3.99E-05	6.06E-06
	128	48	20	181	73	23	7	5.56E-06	7.50E-07	2.60E-06	1.02E-05	1.23E-06	6.57E-06	1.08E-06
	128	48	20	181	73	20	8	5.04E-01	5.60E-02	5.22E-01	7.85E-01	6.46E-02	7.15E-01	9.14E-02
	128	48	20	181	73	21	8	1.13E-01	1.00E-02	5.24E-02	1.32E-01	9.17E-03	7.24E-02	8.83E-03
	128	48	20	181	73	22	8	2.36E-02	2.00E-03	1.23E-02	1.80E-02	1.23E-03	1.72E-02	2.06E-03
	128	48	20	181	73	23	8	1.12E-03	1.20E-04	7.29E-04	2.16E-03	1.64E-04	1.05E-03	1.26E-04
	128	48	20	181	73	24	8	1.05E-04	1.50E-05	2.16E-04	2.41E-04	2.11E-05	3.23E-04	4.02E-05
	128	48	20	181	73	23	9	2.21E-01	2.40E-02	2.02E-01	2.10E-01	1.56E-02	1.85E-01	2.16E-02
	128	48	20	181	73	24	9	3.12E-02	2.90E-03	1.94E-02	3.26E-02	2.18E-03	1.79E-02	1.99E-03
	128	48	20	181	73	25	9	4.63E-03	5.70E-04	5.13E-03	4.43E-03	3.03E-04	4.88E-03	5.29E-04
	128	48	20	181	73	26	9	5.42E-04	9.40E-05	2.21E-04	5.52E-04	4.23E-05	2.21E-04	2.41E-05
	128	48	20	181	73	27	9	3.22E-05	4.80E-06	5.41E-05	6.50E-05	5.77E-06	5.77E-05	6.62E-06
	128	48	20	181	73	29	9	1.97E-07	5.20E-08	3.76E-07	7.69E-07	1.01E-07	4.86E-07	6.61E-08
	128	48	20	181	73	25	10	1.45E-01	1.07E-01	2.51E-01	3.39E-01	2.94E-02	1.60E-01	1.84E-02
	128	48	20	181	73	26	10	5.15E-02	5.80E-03	7.83E-02	6.01E-02	4.46E-03	5.10E-02	5.50E-03
	128	48	20	181	73	27	10	1.19E-03	6.50E-04	6.03E-03	9.22E-03	6.49E-04	4.11E-03	4.30E-04
	128	48	20	181	73	28	10	1.38E-03	2.00E-04	1.65E-03	1.29E-03	9.41E-05	1.20E-03	1.27E-04
	128	48	20	181	73	29	10	7.00E-05	1.10E-05	7.28E-05	1.69E-04	1.35E-05	5.83E-05	6.50E-06
	128	48	20	181	73	30	10	1.08E-05	2.00E-06	1.60E-05	2.09E-05	1.92E-06	1.44E-05	1.73E-06
	128	48	20	181	73	28	11	6.46E-02	7.40E-03	1.18E-01	1.12E-01	9.91E-03	5.89E-02	6.47E-03
	128	48	20	181	73	29	11	2.19E-02	2.50E-03	3.81E-02	1.95E-02	1.57E-03	2.05E-02	2.21E-03
	128	48	20	181	73	30	11	3.63E-03	4.50E-04	2.40E-03	3.07E-03	2.39E-04	1.43E-03	1.59E-04
	128	48	20	181	73	31	11	7.29E-04	1.08E-04	6.31E-04	4.49E-04	3.55E-05	4.27E-04	4.99E-05
	128	48	20	181	73	32	11	5.71E-05	9.70E-06	2.54E-05	6.17E-05	5.19E-06	1.99E-05	2.48E-06
	128	48	20	181	73	30	12	1.10E-01	1.30E-02	4.98E-01	2.11E-01	2.21E-02	2.11E-01	2.45E-02
	128	48	20	181	73	31	12	2.55E-02	3.00E-03	4.77E-02	4.18E-02	3.93E-03	2.27E-02	2.62E-03
	128	48	20	181	73	32	12	9.56E-03	1.12E-03	1.73E-02	7.43E-03	6.55E-04	9.47E-03	1.13E-03
	128	48	20	181	73	33	12	8.77E-04	1.14E-04	1.06E-03	1.22E-03	1.04E-04	6.82E-04	8.53E-05
	128	48	20	181	73	34	12	1.48E-04	2.30E-05	2.94E-04	1.87E-04	1.57E-05	2.25E-04	2.97E-05
	128	48	20	181	73	34	13	1.48E-02	1.80E-03	2.89E-02	1.84E-02	1.81E-03	1.65E-02	2.12E-03
	128	48	20	181	73	35	13	5.81E-03	6.00E-04	9.50E-03	3.41E-03	3.16E-04	6.55E-03	8.75E-04
	128	48	20	181	73	36	13	6.02E-04	8.40E-05	5.96E-04	5.84E-04	5.18E-05	4.89E-04	6.86E-05
	128	48	20	181	73	37	13	1.51E-04	1.60E-05	1.57E-04	9.25E-05	8.15E-06	1.47E-04	2.21E-05
	128	48	20	181	73	38	13	1.08E-05	2.90E-06	5.74E-06	1.34E-05	1.29E-06	5.65E-06	9.46E-07
	128	48	20	181	73	37	14	7.71E-03	9.60E-04	1.83E-02	9.81E-03	9.68E-04	1.47E-02	2.12E-03
	128	48	20	181	73	40	14	5.94E-05	1.23E-05	9.27E-05	5.31E-05	5.15E-06	7.85E-05	1.61E-05
[25]	120	112	50	9	4	96	48	5.50E-09	1.40E-09	1.71E-07	1.05E-08	3.33E-09	1.58E-08	5.53E-09
	120	112	50	9	4	97	48	3.90E-06	7.00E-07	4.50E-06	3.90E-07	1.09E-07	3.48E-07	1.21E-07
	120	112	50	9	4	98	49	3.80E-09	1.20E-09	3.95E-08	6.62E-09	1.65E-09	5.34E-09	1.85E-09
	120	112	50	9	4	99	49	9.00E-07	2.00E-07	8.09E-07	2.48E-07	5.67E-08	9.18E-08	3.18E-08
	120	112	50	9	4	100	50	2.50E-10	1.50E-10	1.43E-08	3.25E-09	8.29E-10	2.88E-09	1.05E-09
	120	112	50	9	4	101	50	1.00E-07	3.00E-08	3.21E-07	1.23E-07	3.35E-08	5.48E-08	2.01E-08
[26]	98.1	69	29	9	4	35	17	1.40E+00	7.20E-01	2.33E+00	2.84E+00	2.55E-01	3.38E+00	3.30E-01
	98.1	69	29	9	4	36	17	3.90E+00	1.90E+00	4.05E+00	8.11E+00	6.52E-01	5.79E+00	5.30E-01
	98.1	69	29	9	4	37	17	5.60E+00	2.80E+00	6.15E+00	1.07E+01	8.33E-01	8.48E+00	7.45E-01
	98.1	69	29	9	4	38	17	3.50E+00	1.70E+00	2.36E+00	7.47E+00	5.69E-01	3.07E+00	2.65E-01
	98.1	69	29	9	4	39	17	1.50E+00	7.70E-01	1.40E+00	3.16E+00	2.28E-01	1.68E+00	1.45E-01
	98.1	69	29	9	4	40	17	6.00E-01	3.00E-01	3.25E-01	9.16E-01	6.23E-02	3.56E-01	3.10E-02
	98.1	69	29	9	4	41	17	1.50E-01	7.50E-02	1.25E-01	2.02E-01	1.39E-02	1.22E-01	1.09E-02
	98.1	69	29	9	4	37	18	9.20E-01	4.60E-01	2.03E+00	2.31E+00	1.75E-01	3.28E+00	2.92E-01
	98.1	69	29	9	4	38	18	4.20E+00	2.10E+00	5.86E+00	7.49E+00	4.90E-01	9.18E+00	7.46E-01
	98.1	69	29	9	4	39	18	5.30E+00	2.70E+00	5.56E+00	1.13E+01	7.08E-01	8.26E+00	6.31E-01
	98.1	69	29	9	4	40	18	4.60E+00	2.30E+00	4.97E+00	8.95E+00	5.57E-01	6.85E+00	5.06E-01
	98.1	69	29	9	4	41	18	2.30E+00	1.10E+00	1.66E+00	4.28E+00	2.56E-01	2.09E+00	1.53E-01
	98.1	69	29	9	4	42	18	1.10E+00	5.30E-01	8.48E-01	1.39E+00	7.85E-02	9.53E-01	7.08E-02
	98.1	69	29	9	4	43	18	2.80E-01	1.40E-01	1.91E-01	3.44E-01	1.95E-02	1.89E-01	1.44E-02
	98.1	69	29	9	4	39	19	1.20E+00	6.00E-01	1.56E+00	1.87E+00	1.30E-01	2.84E+00	2.52E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
98.1	69	29	9	4	40	19	19	4.30E+00	2.20E+00	4.03E+00	6.92E+00	3.95E-01	6.96E+00	5.49E-01
98.1	69	29	9	4	41	19	19	6.20E+00	3.10E+00	7.81E+00	1.19E+01	6.36E-01	1.26E+01	9.07E-01
98.1	69	29	9	4	42	19	19	5.70E+00	2.90E+00	5.15E+00	1.08E+01	5.72E-01	7.59E+00	5.17E-01
98.1	69	29	9	4	43	19	19	3.90E+00	2.00E+00	3.72E+00	5.89E+00	3.02E-01	4.92E+00	3.28E-01
98.1	69	29	9	4	44	19	19	1.30E+00	6.60E-01	1.16E+00	2.17E+00	1.05E-01	1.36E+00	9.06E-02
98.1	69	29	9	4	45	19	19	5.40E-01	2.70E-01	5.38E-01	6.00E-01	2.91E-02	5.45E-01	3.72E-02
98.1	69	29	9	4	46	19	20	1.20E-01	6.00E-02	1.06E-01	1.35E-01	7.74E-03	9.15E-02	6.47E-03
98.1	69	29	9	4	41	20	20	1.30E+00	3.00E-01	1.43E+00	1.51E+00	1.04E-01	2.92E+00	2.68E-01
98.1	69	29	9	4	42	20	20	4.60E+00	1.30E+00	4.89E+00	6.42E+00	3.53E-01	9.37E+00	7.52E-01
98.1	69	29	9	4	43	20	20	8.70E+00	2.30E+00	7.32E+00	1.27E+01	6.31E-01	1.29E+01	9.25E-01
98.1	69	29	9	4	44	20	20	8.70E+00	2.40E+00	8.99E+00	1.32E+01	6.42E-01	1.43E+01	9.46E-01
98.1	69	29	9	4	45	20	20	5.40E+00	1.40E+00	4.26E+00	8.24E+00	3.87E-01	5.98E+00	3.80E-01
98.1	69	29	9	4	46	20	20	2.40E+00	6.20E-01	2.73E+00	3.44E+00	1.52E-01	3.35E+00	2.10E-01
98.1	69	29	9	4	47	20	20	8.00E-01	2.20E-01	7.46E-01	1.07E+00	4.68E-02	7.86E-01	5.00E-02
98.1	69	29	9	4	48	20	21	1.40E-01	4.10E-02	3.37E-01	2.71E-01	1.38E-02	3.01E-01	1.97E-02
98.1	69	29	9	4	43	21	21	5.10E-01	1.80E-01	8.50E-01	1.23E+00	8.74E-02	1.97E+00	1.88E-01
98.1	69	29	9	4	44	21	21	2.30E+00	8.80E-01	3.07E+00	5.96E+00	3.41E-01	6.56E+00	5.41E-01
98.1	69	29	9	4	45	21	21	7.40E+00	2.30E+00	7.83E+00	1.36E+01	6.87E-01	1.51E+01	1.10E+00
98.1	69	29	9	4	46	21	21	7.80E+00	2.40E+00	8.65E+00	1.63E+01	7.87E-01	1.49E+01	9.79E-01
98.1	69	29	9	4	47	21	21	6.40E+00	1.90E+00	8.48E+00	1.17E+01	5.39E-01	1.28E+01	7.92E-01
98.1	69	29	9	4	48	21	21	3.80E+00	8.80E-01	3.34E+00	5.56E+00	2.40E-01	4.35E+00	2.63E-01
98.1	69	29	9	4	49	21	21	1.50E+00	3.10E-01	2.04E+00	1.96E+00	8.17E-02	2.27E+00	1.38E-01
98.1	69	29	9	4	50	21	22	2.20E-01	6.40E-02	5.45E-01	5.58E-01	2.62E-02	5.09E-01	3.18E-02
98.1	69	29	9	4	46	22	22	4.00E+00	1.50E+00	3.29E+00	5.51E+00	3.34E-01	7.84E+00	6.55E-01
98.1	69	29	9	4	47	22	22	9.90E+00	3.40E+00	7.03E+00	1.45E+01	7.71E-01	1.50E+01	1.09E+00
98.1	69	29	9	4	48	22	22	1.40E+01	3.90E+00	1.23E+01	2.01E+01	1.00E+00	2.32E+01	1.51E+00
98.1	69	29	9	4	49	22	22	9.90E+00	2.90E+00	8.78E+00	1.66E+01	7.85E-01	1.44E+01	8.68E-01
98.1	69	29	9	4	50	22	22	5.50E+00	1.50E+00	7.43E+00	9.05E+00	3.98E-01	1.04E+01	6.10E-01
98.1	69	29	9	4	51	22	22	1.60E+00	5.50E-01	2.71E+00	3.64E+00	1.50E-01	3.22E+00	1.89E-01
98.1	69	29	9	4	52	22	22	5.30E-01	1.30E-01	1.47E+00	1.17E+00	5.19E-02	1.47E+00	8.81E-02
98.1	69	29	9	4	53	22	23	1.80E-01	2.40E-02	3.70E-01	3.20E-01	1.78E-02	3.06E-01	1.92E-02
98.1	69	29	9	4	48	23	23	3.70E+00	3.00E+00	1.89E+00	5.00E+00	3.16E-01	5.07E+00	4.20E-01
98.1	69	29	9	4	49	23	23	1.10E+01	3.00E+00	6.33E+00	1.53E+01	8.48E-01	1.50E+01	1.07E+00
98.1	69	29	9	4	50	23	23	1.60E+01	4.20E+00	9.79E+00	2.45E+01	1.28E+00	2.03E+01	1.29E+00
98.1	69	29	9	4	51	23	23	1.40E+01	3.70E+00	1.48E+01	2.34E+01	1.15E+00	2.67E+01	1.56E+00
98.1	69	29	9	4	52	23	23	7.10E+00	2.00E+00	8.24E+00	1.47E+01	6.71E-01	1.26E+01	7.17E-01
98.1	69	29	9	4	53	23	23	3.70E+00	9.90E-01	6.36E+00	6.80E+00	2.84E-01	8.25E+00	4.69E-01
98.1	69	29	9	4	54	23	23	1.10E+00	3.00E-01	2.20E+00	2.50E+00	1.06E-01	2.39E+00	1.39E-01
98.1	69	29	9	4	55	23	23	3.90E-01	7.90E-02	1.17E+00	7.74E-01	3.95E-02	1.05E+00	6.38E-02
98.1	69	29	9	4	50	24	24	4.00E+00	1.20E+00	1.71E+00	4.38E+00	2.83E-01	5.19E+00	4.16E-01
98.1	69	29	9	4	51	24	24	1.40E+01	3.60E+00	5.06E+00	1.55E+01	8.93E-01	1.35E+01	9.30E-01
98.1	69	29	9	4	52	24	24	2.10E+01	5.60E+00	1.22E+01	2.92E+01	1.58E+00	2.84E+01	1.73E+00
98.1	69	29	9	4	53	24	24	1.90E+01	4.70E+00	1.28E+01	3.24E+01	1.68E+00	2.58E+01	1.46E+00
98.1	69	29	9	4	54	24	24	1.20E+01	3.20E+00	1.59E+01	2.37E+01	1.14E+00	2.72E+01	1.51E+00
98.1	69	29	9	4	55	24	24	4.80E+00	1.40E+00	7.63E+00	1.27E+01	5.52E-01	1.10E+01	6.15E-01
98.1	69	29	9	4	56	24	24	2.30E+00	6.70E-01	5.49E+00	5.36E+00	2.24E-01	6.64E+00	3.81E-01
98.1	69	29	9	4	57	24	24	7.40E-01	2.10E-01	1.78E+00	1.91E+00	9.04E-02	1.78E+00	1.07E-01
98.1	69	29	9	4	53	25	25	1.10E+01	3.20E+00	3.84E+00	1.51E+01	9.11E-01	1.18E+01	7.84E-01
98.1	69	29	9	4	54	25	25	2.20E+01	6.00E+00	8.35E+00	3.33E+01	1.94E+00	2.22E+01	1.33E+00
98.1	69	29	9	4	55	25	25	2.20E+01	6.10E+00	1.80E+01	4.35E+01	2.45E+00	4.13E+01	2.33E+00
98.1	69	29	9	4	56	25	25	1.40E+01	4.00E+00	1.50E+01	3.74E+01	1.98E+00	2.92E+01	1.63E+00
98.1	69	29	9	4	57	25	25	9.30E+00	2.70E+00	1.60E+01	2.34E+01	1.12E+00	2.64E+01	1.49E+00
98.1	69	29	9	4	58	25	25	4.40E+00	1.20E+00	7.37E+00	1.15E+01	5.07E-01	1.02E+01	5.90E-01
98.1	69	29	9	4	59	25	25	2.00E+00	5.30E-01	5.62E+00	4.76E+00	2.20E-01	6.44E+00	3.89E-01
98.1	69	29	9	4	60	25	25	6.60E-01	1.50E-01	1.85E+00	1.71E+00	9.60E-02	1.74E+00	1.12E-01
98.1	69	29	9	4	55	26	26	9.30E+00	2.60E+00	2.68E+00	1.37E+01	9.17E-01	9.56E+00	6.44E-01
98.1	69	29	9	4	56	26	26	2.10E+01	5.60E+00	8.81E+00	3.60E+01	2.35E+00	2.73E+01	1.70E+00
98.1	69	29	9	4	57	26	26	2.20E+01	6.00E+00	1.29E+01	5.58E+01	3.58E+00	3.44E+01	2.05E+00
98.1	69	29	9	4	58	26	26	2.00E+01	5.40E+00	2.33E+01	5.71E+01	3.47E+00	5.33E+01	3.14E+00
98.1	69	29	9	4	59	26	26	1.20E+01	3.50E+00	1.65E+01	4.23E+01	2.34E+00	3.20E+01	1.89E+00
98.1	69	29	9	4	60	26	26	7.70E+00	2.40E+00	1.77E+01	2.46E+01	1.22E+00	2.89E+01	1.74E+00
98.1	69	29	9	4	61	26	26	3.90E+00	1.20E+00	8.09E+00	1.19E+01	5.81E-01	1.09E+01	6.81E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
98.1	69	29	9	4	62	26	2.30E+00	1.20E+00	6.60E+00	4.98E+00	2.80E-01	7.21E+00	4.87E-01	
98.1	69	29	9	4	63	26	5.10E-01	1.20E+00	2.29E+00	1.84E+00	1.29E-01	1.97E+00	1.52E-01	
98.1	69	29	9	4	58	27	1.70E+01	6.20E+00	4.71E+00	3.55E+01	2.71E+00	1.75E+01	1.21E+00	
98.1	69	29	9	4	59	27	2.20E+01	6.20E+00	1.33E+01	6.62E+01	4.94E+00	4.29E+01	2.88E+00	
98.1	69	29	9	4	60	27	2.20E+01	6.50E+00	1.66E+01	8.13E+01	5.73E+00	4.58E+01	3.01E+00	
98.1	69	29	9	4	61	27	2.20E+01	6.30E+00	2.87E+01	7.19E+01	4.61E+00	6.74E+01	4.37E+00	
98.1	69	29	9	4	62	27	1.60E+01	4.50E+00	1.96E+01	4.95E+01	2.84E+00	3.85E+01	2.50E+00	
98.1	69	29	9	4	63	27	1.30E+01	3.90E+00	2.25E+01	2.81E+01	1.55E+00	3.63E+01	2.45E+00	
98.1	69	29	9	4	60	28	1.80E+01	5.50E+00	3.33E+00	2.97E+01	2.62E+00	1.53E+01	1.25E+00	
98.1	69	29	9	4	61	28	2.40E+01	6.40E+00	7.19E+00	6.69E+01	5.61E+00	2.87E+01	2.26E+00	
98.1	69	29	9	4	62	28	3.00E+01	8.40E+00	1.78E+01	9.83E+01	7.65E+00	6.12E+01	4.65E+00	
98.1	69	29	9	4	63	28	3.10E+01	8.60E+00	1.97E+01	1.03E+02	7.21E+00	5.74E+01	4.23E+00	
98.1	69	29	9	4	64	28	3.20E+01	9.30E+00	3.49E+01	8.31E+01	5.22E+00	8.44E+01	6.21E+00	
98.1	69	29	9	4	65	28	3.30E+01	9.30E+00	2.65E+01	5.42E+01	3.37E+00	5.17E+01	4.02E+00	
98.1	69	29	9	4	66	28	2.20E+01	7.90E+00	3.52E+01	2.95E+01	2.15E+00	5.29E+01	4.73E+00	
98.1	69	29	9	4	63	29	2.20E+01	5.80E+00	3.56E+00	4.69E+01	4.11E+00	1.83E+01	1.71E+00	
98.1	69	29	9	4	64	29	3.00E+01	8.30E+00	6.69E+00	8.00E+01	6.28E+00	2.95E+01	2.64E+00	
98.1	69	29	9	4	65	29	4.40E+01	1.20E+01	1.77E+01	9.52E+01	6.66E+00	6.56E+01	5.69E+00	
98.1	69	29	9	4	66	29	5.20E+01	1.50E+01	2.17E+01	8.45E+01	5.62E+00	6.52E+01	5.76E+00	
98.1	69	29	9	4	67	29	6.80E+01	1.90E+01	5.58E+01	5.85E+01	4.38E+00	1.30E+02	1.27E+01	
98.1	69	29	9	4	65	30	8.00E+00	2.20E+00	5.65E-01	1.47E+01	1.28E+00	3.83E+00	4.30E-01	
98.1	69	29	9	4	66	30	1.40E+01	3.60E+00	1.68E+00	2.63E+01	2.07E+00	9.66E+00	1.04E+00	
98.1	69	29	9	4	67	30	1.70E+01	4.10E+00	3.07E+00	3.16E+01	2.42E+00	1.44E+01	1.55E+00	
98.1	69	29	9	4	68	30	1.60E+01	3.60E+00	1.02E+01	2.68E+01	2.35E+00	3.71E+01	4.26E+00	
98.1	69	29	9	4	69	30	1.30E+01	3.90E+00	1.54E+01	1.66E+01	1.88E+00	4.05E+01	5.47E+00	
98.1	69	29	9	4	68	31	1.40E+00	4.20E-01	1.81E-02	1.36E+00	1.65E-01	1.36E-01	1.82E-02	
98.1	69	29	9	4	69	31	2.10E+00	6.40E-01	3.33E-02	1.30E+00	1.82E-01	1.94E-01	2.73E-02	
98.1	69	29	9	4	70	31	1.60E+00	4.90E-01	2.99E-02	8.16E-01	1.39E-01	1.24E-01	2.00E-02	
98.1	69	29	9	4	71	31	1.40E+00	3.80E-01	5.08E-02	3.40E-01	7.24E-02	1.36E-01	2.70E-02	
[26]	95.4	72	30	9	4	35	1.60E+00	1.00E+00	1.94E+00	1.51E+00	2.36E-01	2.06E+00	2.52E-01	
	95.4	72	30	9	4	37	1.10E+00	7.20E-01	1.68E+00	1.15E+00	1.48E-01	1.99E+00	2.05E-01	
	95.4	72	30	9	4	39	8.10E-01	5.30E-01	1.29E+00	8.83E-01	9.55E-02	1.73E+00	1.66E-01	
	95.4	72	30	9	4	41	9.10E-01	3.70E-01	1.17E+00	6.82E-01	6.52E-02	1.78E+00	1.77E-01	
	95.4	72	30	9	4	43	6.30E-01	2.50E-01	6.94E-01	5.32E-01	4.80E-02	1.21E+00	1.28E-01	
	95.4	72	30	9	4	45	4.30E-01	1.70E-01	6.14E-01	4.15E-01	3.72E-02	1.22E+00	1.38E-01	
	95.4	72	30	9	4	36	3.90E+00	2.50E+00	3.41E+00	4.30E+00	6.41E-01	3.56E+00	4.10E-01	
	95.4	72	30	9	4	38	4.10E+00	2.70E+00	4.91E+00	3.73E+00	4.53E-01	5.63E+00	5.33E-01	
	95.4	72	30	9	4	40	3.20E+00	2.10E+00	3.36E+00	3.26E+00	3.27E-01	4.28E+00	3.71E-01	
	95.4	72	30	9	4	42	3.40E+00	1.30E+00	4.05E+00	2.88E+00	2.48E-01	5.78E+00	5.08E-01	
	95.4	72	30	9	4	44	3.10E+00	1.20E+00	2.54E+00	2.57E+00	2.04E-01	4.07E+00	3.79E-01	
	95.4	72	30	9	4	46	3.90E+00	5.70E+00	2.70E+00	2.30E+00	1.79E-01	4.89E+00	4.82E-01	
	95.4	72	30	9	4	48	2.60E+00	1.00E+00	1.55E+00	2.04E+00	1.60E-01	3.18E+00	3.24E-01	
	95.4	72	30	9	4	52	3.90E+00	1.60E+00	7.02E-01	1.46E+00	1.15E-01	1.89E+00	1.90E-01	
	95.4	72	30	9	4	37	4.90E+00	3.20E+00	5.19E+00	5.71E+00	8.29E-01	5.22E+00	5.76E-01	
	95.4	72	30	9	4	39	5.50E+00	3.60E+00	4.68E+00	5.64E+00	6.70E-01	5.11E+00	4.55E-01	
	95.4	72	30	9	4	41	5.60E+00	3.70E+00	6.55E+00	5.64E+00	5.53E-01	7.82E+00	6.21E-01	
	95.4	72	30	9	4	43	6.30E+00	2.50E+00	6.11E+00	5.72E+00	4.78E-01	8.04E+00	6.34E-01	
	95.4	72	30	9	4	45	6.90E+00	2.80E+00	6.51E+00	5.87E+00	4.44E-01	9.48E+00	7.83E-01	
	95.4	72	30	9	4	47	9.20E+00	3.70E+00	5.81E+00	6.05E+00	4.39E-01	9.45E+00	8.18E-01	
	95.4	72	30	9	4	49	9.00E+00	3.60E+00	5.22E+00	6.19E+00	4.46E-01	9.51E+00	8.45E-01	
	95.4	72	30	9	4	51	1.10E+01	4.50E+00	4.16E+00	6.20E+00	4.47E-01	8.58E+00	7.62E-01	
	95.4	72	30	9	4	53	1.30E+01	5.20E+00	3.16E+00	5.97E+00	4.29E-01	7.45E+00	6.45E-01	
	95.4	72	30	9	4	55	1.40E+01	5.50E+00	2.21E+00	5.40E+00	3.91E-01	6.03E+00	5.04E-01	
	95.4	72	30	9	4	57	1.10E+01	4.40E+00	1.34E+00	4.50E+00	3.40E-01	4.32E+00	3.55E-01	
	95.4	72	30	9	4	38	2.90E+00	1.90E+00	1.99E+00	4.01E+00	5.59E-01	1.90E+00	2.04E-01	
	95.4	72	30	9	4	40	4.40E+00	2.90E+00	4.12E+00	4.51E+00	5.20E-01	4.20E+00	3.61E-01	
	95.4	72	30	9	4	42	4.80E+00	3.10E+00	4.28E+00	5.14E+00	4.95E-01	4.70E+00	3.53E-01	
	95.4	72	30	9	4	44	7.20E+00	1.40E+00	7.50E+00	5.98E+00	4.94E-01	8.95E+00	6.51E-01	
	95.4	72	30	9	4	46	7.90E+00	1.60E+00	7.20E+00	7.05E+00	5.24E-01	9.40E+00	7.04E-01	
	95.4	72	30	9	4	48	1.20E+01	4.70E+00	1.02E+01	8.38E+00	5.91E-01	1.47E+01	1.14E+00	
	95.4	72	30	9	4	50	1.40E+01	2.80E+00	8.09E+00	9.92E+00	6.87E-01	1.29E+01	1.02E+00	
	95.4	72	30	9	4	52	2.10E+01	8.40E+00	1.01E+01	1.15E+01	7.93E-01	1.81E+01	1.42E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
95.4	72	30	9	4	54	25	2.10E+01	8.30E+00	6.87E+00	1.29E+01	8.87E-01	1.41E+01	1.08E+00	
95.4	72	30	9	4	56	26	2.10E+01	8.20E+00	7.29E+00	1.37E+01	9.56E-01	1.73E+01	1.28E+00	
95.4	72	30	9	4	58	27	1.50E+01	6.20E+00	4.16E+00	1.36E+01	9.98E-01	1.16E+01	8.64E-01	
95.4	72	30	9	4	60	28	2.00E+01	8.20E+00	3.39E+00	1.21E+01	9.87E-01	1.15E+01	9.05E-01	
95.4	72	30	9	4	62	29	1.90E+01	7.60E+00	1.34E+00	9.09E+00	8.33E-01	5.68E+00	5.05E-01	
95.4	72	30	9	4	64	30	1.00E+01	4.10E+00	6.04E-01	4.89E+00	4.93E-01	3.32E+00	3.50E-01	
95.4	72	30	9	4	39	17	1.60E+00	1.00E+00	1.19E+00	1.71E+00	2.21E-01	1.05E+00	1.12E-01	
95.4	72	30	9	4	41	18	2.40E+00	1.50E+00	1.40E+00	2.17E+00	2.34E-01	1.31E+00	1.11E-01	
95.4	72	30	9	4	43	19	3.60E+00	2.30E+00	3.12E+00	2.82E+00	2.56E-01	3.10E+00	2.27E-01	
95.4	72	30	9	4	45	20	4.30E+00	8.70E-01	3.55E+00	3.74E+00	2.94E-01	3.79E+00	2.63E-01	
95.4	72	30	9	4	47	21	6.90E+00	1.40E+00	6.94E+00	5.05E+00	3.60E-01	8.01E+00	5.61E-01	
95.4	72	30	9	4	49	22	8.40E+00	3.40E+00	7.21E+00	6.89E+00	4.67E-01	9.07E+00	6.50E-01	
95.4	72	30	9	4	51	23	1.30E+01	2.60E+00	1.22E+01	9.40E+00	6.23E-01	1.70E+01	1.23E+00	
95.4	72	30	9	4	53	24	1.60E+01	6.40E+00	1.06E+01	1.26E+01	8.32E-01	1.64E+01	1.18E+00	
95.4	72	30	9	4	55	25	2.30E+01	4.60E+00	1.48E+01	1.65E+01	1.09E+00	2.61E+01	1.83E+00	
95.4	72	30	9	4	57	26	2.10E+01	8.40E+00	1.07E+01	2.07E+01	1.39E+00	2.18E+01	1.50E+00	
95.4	72	30	9	4	59	27	2.30E+01	9.30E+00	1.18E+01	2.45E+01	1.74E+00	2.85E+01	1.99E+00	
95.4	72	30	9	4	61	28	2.60E+01	1.00E+01	7.25E+00	2.63E+01	2.08E+00	2.14E+01	1.60E+00	
95.4	72	30	9	4	63	29	2.50E+01	1.00E+01	4.84E+00	2.40E+01	2.09E+00	1.80E+01	1.53E+00	
95.4	72	30	9	4	65	30	1.50E+01	6.20E+00	1.75E+00	1.55E+01	1.44E+00	8.43E+00	8.49E-01	
95.4	72	30	9	4	67	31	8.70E+00	3.50E+00	3.20E-01	4.76E+00	4.66E-01	2.07E+00	2.49E-01	
95.4	72	30	9	4	40	17	5.90E-01	3.80E-01	2.79E-01	5.03E-01	5.77E-02	2.28E-01	2.41E-02	
95.4	72	30	9	4	42	18	1.10E+00	7.20E-01	7.23E-01	7.17E-01	6.91E-02	6.10E-01	5.19E-02	
95.4	72	30	9	4	44	19	1.30E+00	8.60E-01	9.83E-01	1.05E+00	8.58E-02	8.71E-01	6.37E-02	
95.4	72	30	9	4	46	20	2.10E+00	4.20E-01	2.29E+00	1.57E+00	1.13E-01	2.15E+00	1.47E-01	
95.4	72	30	9	4	48	21	3.30E+00	6.60E-01	2.78E+00	2.42E+00	1.58E-01	2.79E+00	1.89E-01	
95.4	72	30	9	4	50	22	4.80E+00	9.60E-01	6.14E+00	3.77E+00	2.36E-01	6.69E+00	4.58E-01	
95.4	72	30	9	4	52	23	7.10E+00	1.40E+00	6.78E+00	5.91E+00	3.63E-01	8.09E+00	5.56E-01	
95.4	72	30	9	4	54	24	1.10E+01	2.30E+00	1.29E+01	9.17E+00	5.61E-01	1.71E+01	1.16E+00	
95.4	72	30	9	4	56	25	1.50E+01	2.90E+00	1.21E+01	1.40E+01	8.57E-01	1.83E+01	1.22E+00	
95.4	72	30	9	4	58	26	2.20E+01	4.30E+00	1.92E+01	2.06E+01	1.30E+00	3.35E+01	2.21E+00	
95.4	72	30	9	4	60	27	2.20E+01	4.40E+00	1.43E+01	2.90E+01	1.95E+00	2.97E+01	2.00E+00	
95.4	72	30	9	4	62	28	3.00E+01	5.90E+00	1.71E+01	3.77E+01	2.81E+00	4.36E+01	3.17E+00	
95.4	72	30	9	4	64	29	3.00E+01	6.10E+00	8.69E+00	4.17E+01	3.39E+00	2.80E+01	2.31E+00	
95.4	72	30	9	4	66	30	2.50E+01	9.80E+00	5.44E+00	3.19E+01	2.71E+00	2.28E+01	2.20E+00	
95.4	72	30	9	4	68	31	1.10E+01	4.30E+00	7.01E-01	1.08E+01	9.66E-01	3.91E+00	4.52E-01	
95.4	72	30	9	4	41	17	2.50E-01	1.70E-01	1.10E-01	1.13E-01	1.15E-02	8.07E-02	8.63E-03	
95.4	72	30	9	4	43	18	3.20E-01	2.10E-01	1.66E-01	1.79E-01	1.53E-02	1.25E-01	1.08E-02	
95.4	72	30	9	4	45	19	4.80E-01	3.10E-01	4.63E-01	2.94E-01	2.14E-02	3.59E-01	2.69E-02	
95.4	72	30	9	4	47	20	5.80E-01	1.20E-01	6.35E-01	4.96E-01	3.18E-02	5.17E-01	3.58E-02	
95.4	72	30	9	4	49	21	1.20E+00	2.50E-01	1.72E+00	8.62E-01	5.09E-02	1.49E+00	1.01E-01	
95.4	72	30	9	4	51	22	1.70E+00	3.40E-01	2.25E+00	1.53E+00	8.65E-02	2.10E+00	1.42E-01	
95.4	72	30	9	4	53	23	3.40E+00	6.70E-01	5.25E+00	2.72E+00	1.52E-01	5.33E+00	3.60E-01	
95.4	72	30	9	4	55	24	5.10E+00	1.00E+00	6.25E+00	4.86E+00	2.70E-01	7.05E+00	4.71E-01	
95.4	72	30	9	4	57	25	8.90E+00	1.80E+00	1.29E+01	8.58E+00	4.78E-01	1.65E+01	1.09E+00	
95.4	72	30	9	4	59	26	1.30E+01	2.60E+00	1.30E+01	1.48E+01	8.51E-01	1.94E+01	1.27E+00	
95.4	72	30	9	4	61	27	1.90E+01	3.90E+00	2.32E+01	2.49E+01	1.53E+00	4.12E+01	2.77E+00	
95.4	72	30	9	4	63	28	2.90E+01	5.80E+00	1.73E+01	3.90E+01	2.65E+00	3.78E+01	2.72E+00	
95.4	72	30	9	4	65	29	3.80E+01	7.60E+00	2.08E+01	5.20E+01	3.85E+00	5.73E+01	4.62E+00	
95.4	72	30	9	4	67	30	4.00E+01	8.00E+00	8.21E+00	4.65E+01	3.60E+00	2.93E+01	2.75E+00	
95.4	72	30	9	4	69	31	1.40E+01	2.80E+00	2.08E+00	1.66E+01	1.45E+00	9.69E+00	1.10E+00	
95.4	72	30	9	4	48	20	2.00E-01	8.00E-02	2.93E-01	1.27E-01	7.98E-03	2.05E-01	1.47E-02	
95.4	72	30	9	4	50	21	2.70E-01	1.10E-01	4.67E-01	2.47E-01	1.44E-02	3.44E-01	2.39E-02	
95.4	72	30	9	4	52	22	5.80E-01	1.20E-01	1.24E+00	4.94E-01	2.74E-02	9.79E-01	6.74E-02	
95.4	72	30	9	4	54	23	1.20E+00	2.40E-01	1.83E+00	1.00E+00	5.41E-02	1.57E+00	1.07E-01	
95.4	72	30	9	4	56	24	2.40E+00	4.80E-01	4.50E+00	2.04E+00	1.08E-01	4.28E+00	2.90E-01	
95.4	72	30	9	4	58	25	4.70E+00	9.30E-01	5.74E+00	4.17E+00	2.17E-01	6.21E+00	4.16E-01	
95.4	72	30	9	4	60	26	8.70E+00	1.70E+00	1.32E+01	8.45E+00	4.44E-01	1.67E+01	1.11E+00	
95.4	72	30	9	4	62	27	1.20E+01	2.50E+00	1.45E+01	1.68E+01	9.38E-01	2.19E+01	1.49E+00	
95.4	72	30	9	4	64	28	2.40E+01	4.80E+00	2.74E+01	3.16E+01	1.95E+00	5.08E+01	3.67E+00	
95.4	72	30	9	4	66	29	3.90E+01	7.90E+00	2.08E+01	5.02E+01	3.41E+00	4.86E+01	3.89E+00	
95.4	72	30	9	4	68	30	6.20E+01	1.20E+01	1.96E+01	5.12E+01	3.82E+00	5.82E+01	5.44E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
95.4	72	30	9	4	70	31	2.00E+01	4.10E+00	3.66E+00	1.86E+01	1.76E+00	1.37E+01	1.59E+00	
95.4	72	30	9	4	49	20	5.60E-02	2.80E-02	6.11E-02	2.79E-02	2.02E-03	3.61E-02	2.74E-03	
95.4	72	30	9	4	51	21	1.10E-01	4.50E-02	1.90E-01	6.08E-02	4.08E-03	1.18E-01	8.57E-03	
95.4	72	30	9	4	53	22	1.90E-01	7.50E-02	3.20E-01	1.36E-01	8.62E-03	2.11E-01	1.52E-02	
95.4	72	30	9	4	55	23	3.60E-01	1.50E-01	9.89E-01	3.12E-01	1.88E-02	7.09E-01	5.04E-02	
95.4	72	30	9	4	57	24	8.40E-01	1.70E-01	1.44E+00	7.26E-01	4.17E-02	1.15E+00	8.09E-02	
95.4	72	30	9	4	59	25	2.00E+00	4.10E-01	4.19E+00	1.71E+00	9.36E-02	3.80E+00	2.65E-01	
95.4	72	30	9	4	61	26	4.10E+00	8.20E-01	5.66E+00	4.03E+00	2.16E-01	5.99E+00	4.18E-01	
95.4	72	30	9	4	63	27	8.50E+00	1.70E+00	1.52E+01	9.49E+00	5.21E-01	1.93E+01	1.37E+00	
95.4	72	30	9	4	65	28	1.80E+01	3.60E+00	1.76E+01	2.13E+01	1.27E+00	2.74E+01	2.05E+00	
95.4	72	30	9	4	67	29	4.30E+01	8.70E+00	3.47E+01	3.98E+01	2.70E+00	6.69E+01	5.53E+00	
95.4	72	30	9	4	69	30	6.90E+01	1.40E+01	2.28E+01	4.51E+01	3.68E+00	5.42E+01	5.35E+00	
95.4	72	30	9	4	71	31	1.90E+01	3.70E+00	1.14E+01	1.57E+01	1.82E+00	3.22E+01	4.13E+00	
95.4	72	30	9	4	52	21	2.00E-02	1.00E-02	3.70E-02	1.33E-02	1.11E-03	1.91E-02	1.48E-03	
95.4	72	30	9	4	54	22	5.30E-02	2.10E-02	1.33E-01	3.33E-02	2.60E-03	7.27E-02	5.54E-03	
95.4	72	30	9	4	56	23	1.50E-01	5.80E-02	2.35E-01	8.59E-02	6.33E-03	1.40E-01	1.05E-02	
95.4	72	30	9	4	58	24	3.10E-01	1.20E-01	7.77E-01	2.27E-01	1.58E-02	5.14E-01	3.84E-02	
95.4	72	30	9	4	60	25	5.60E-01	2.30E-01	1.31E+00	6.14E-01	4.01E-02	9.86E-01	7.32E-02	
95.4	72	30	9	4	62	26	1.50E+00	2.90E-01	4.35E+00	1.69E+00	1.05E-01	3.83E+00	2.85E-01	
95.4	72	30	9	4	64	27	3.90E+00	1.50E+00	6.75E+00	4.69E+00	2.91E-01	7.09E+00	5.38E-01	
95.4	72	30	9	4	66	28	1.40E+01	5.50E+00	1.98E+01	1.24E+01	8.30E-01	2.52E+01	2.03E+00	
95.4	72	30	9	4	68	29	3.80E+01	7.50E+00	2.49E+01	2.68E+01	2.10E+00	3.83E+01	3.48E+00	
95.4	72	30	9	4	70	30	8.60E+01	1.70E+01	6.05E+01	3.25E+01	3.29E+00	1.09E+02	1.23E+01	
95.4	72	30	9	4	72	31	1.10E+01	4.40E+00	1.58E+01	1.03E+01	1.52E+00	3.09E+01	4.75E+00	
95.4	72	30	9	4	55	22	1.10E-02	5.60E-03	2.30E-02	7.38E-03	7.02E-04	1.04E-02	8.52E-04	
95.4	72	30	9	4	57	23	4.00E-02	2.00E-02	9.93E-02	2.14E-02	1.92E-03	4.86E-02	3.95E-03	
95.4	72	30	9	4	59	24	9.30E-02	4.60E-02	1.77E-01	6.43E-02	5.45E-03	9.67E-02	7.79E-03	
95.4	72	30	9	4	61	25	3.40E-01	1.40E-01	7.36E-01	2.00E-01	1.59E-02	4.57E-01	3.68E-02	
95.4	72	30	9	4	63	26	5.10E-01	2.00E-01	1.47E+00	6.38E-01	4.88E-02	1.06E+00	8.62E-02	
95.4	72	30	9	4	65	27	1.40E+00	5.40E-01	5.38E+00	2.07E+00	1.58E-01	4.60E+00	3.85E-01	
95.4	72	30	9	4	67	28	1.10E+01	4.10E+00	9.31E+00	6.42E+00	5.29E-01	9.40E+00	8.52E-01	
95.4	72	30	9	4	69	29	3.40E+01	1.70E+01	3.39E+01	1.57E+01	1.55E+00	3.95E+01	4.21E+00	
95.4	72	30	9	4	58	23	9.90E-03	4.00E-03	1.62E-02	4.89E-03	5.10E-04	6.49E-03	5.76E-04	
95.4	72	30	9	4	60	24	3.10E-02	1.20E-02	7.75E-02	1.67E-02	1.65E-03	3.44E-02	3.05E-03	
95.4	72	30	9	4	62	25	7.90E-02	3.20E-02	1.80E-01	5.93E-02	5.62E-03	9.10E-02	8.10E-03	
95.4	72	30	9	4	64	26	2.90E-01	1.20E-01	8.79E-01	2.20E-01	2.02E-02	5.12E-01	4.65E-02	
95.4	72	30	9	4	66	27	7.30E-01	2.90E-01	1.81E+00	8.31E-01	7.75E-02	1.22E+00	1.17E-01	
95.4	72	30	9	4	63	25	2.80E-02	1.40E-02	8.70E-02	1.61E-02	1.72E-03	3.51E-02	3.52E-03	
95.4	72	30	9	4	65	26	8.70E-02	3.50E-02	2.12E-01	6.87E-02	7.30E-03	9.69E-02	1.01E-02	
95.4	72	30	9	4	67	27	3.40E-01	1.40E-01	1.11E+00	3.00E-01	3.32E-02	5.70E-01	6.46E-02	
95.4	72	30	9	4	66	26	3.10E-02	1.50E-02	9.79E-02	1.93E-02	2.28E-03	3.39E-02	4.15E-03	
95.4	72	30	9	4	68	27	1.20E-01	6.00E-02	2.11E-01	9.62E-02	1.22E-02	7.82E-02	1.08E-02	
[26]	94.3	68	28	9	38	17	1.38E+01	2.30E+00	3.06E+00	2.11E+01	1.82E+00	1.18E+01	1.34E+00	
	94.3	68	28	9	39	18	1.63E+01	3.80E+00	5.71E+00	2.80E+01	2.26E+00	2.54E+01	2.37E+00	
	94.3	68	28	9	40	19	1.33E+01	2.00E+00	3.28E+00	1.52E+01	1.33E+00	1.73E+01	1.41E+00	
	94.3	68	28	9	39	17	1.28E+01	1.70E+00	2.06E+00	1.01E+01	8.91E-01	7.28E+00	8.50E-01	
	94.3	68	28	9	40	18	1.52E+01	3.10E+00	6.20E+00	2.51E+01	1.89E+00	2.54E+01	2.42E+00	
	94.3	68	28	9	41	19	1.63E+01	3.80E+00	7.46E+00	2.93E+01	2.20E+00	3.62E+01	2.92E+00	
	94.3	68	28	9	42	20	2.25E+01	1.50E+00	3.67E+00	1.37E+01	1.19E+00	2.15E+01	1.62E+00	
	94.3	68	28	9	40	17	1.11E+01	6.50E-01	5.49E-01	3.41E+00	3.20E-01	1.74E+00	2.09E-01	
	94.3	68	28	9	41	18	1.32E+01	1.90E+00	2.43E+00	1.38E+01	1.03E+00	8.98E+00	8.88E-01	
	94.3	68	28	9	42	19	1.69E+01	4.10E+00	6.19E+00	3.02E+01	2.03E+00	2.72E+01	2.25E+00	
	94.3	68	28	9	43	20	2.59E+01	3.50E+00	6.50E+00	3.07E+01	2.20E+00	3.46E+01	2.53E+00	
	94.3	68	28	9	44	21	2.31E+01	1.90E+00	2.09E+00	1.23E+01	1.05E+00	1.37E+01	9.90E-01	
	94.3	68	28	9	42	18	1.18E+01	1.10E+00	1.44E+00	5.24E+00	4.16E-01	4.70E+00	4.83E-01	
	94.3	68	28	9	43	19	1.50E+01	3.00E+00	5.34E+00	1.90E+01	1.23E+00	2.09E+01	1.80E+00	
	94.3	68	28	9	44	20	2.73E+01	2.20E+00	1.01E+01	3.67E+01	2.27E+00	4.79E+01	3.57E+00	
	94.3	68	28	9	45	21	2.68E+01	4.10E+00	6.36E+00	3.21E+01	2.22E+00	3.74E+01	2.59E+00	
	94.3	68	28	9	46	22	2.37E+01	2.20E+00	1.99E+00	1.09E+01	8.98E-01	1.48E+01	1.05E+00	
	94.3	68	28	9	43	18	1.44E+00	2.70E-01	3.79E-01	1.53E+00	1.37E-01	1.07E+00	1.15E-01	
	94.3	68	28	9	44	19	1.25E+01	1.50E+00	1.96E+00	8.25E+00	5.57E-01	6.69E+00	6.05E-01	
	94.3	68	28	9	45	20	2.54E+01	1.60E+00	5.89E+00	2.66E+01	1.53E+00	2.46E+01	1.92E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
94.3	68	28	9	4	46	21	2.89E+01	2.70E+00	8.57E+00	4.46E+01	2.59E+00	4.45E+01	3.13E+00	
94.3	68	28	9	4	47	22	2.91E+01	5.50E+00	5.12E+00	3.31E+01	2.19E+00	3.36E+01	2.30E+00	
94.3	68	28	9	4	44	18	1.18E+00	1.10E-01	1.58E-01	3.72E-01	3.85E-02	3.83E-01	4.23E-02	
94.3	68	28	9	4	45	19	1.88E+00	5.30E-01	1.07E+00	2.73E+00	2.06E-01	3.14E+00	2.98E-01	
94.3	68	28	9	4	46	20	2.30E+01	9.00E-01	4.52E+00	1.33E+01	7.72E-01	1.63E+01	1.35E+00	
94.3	68	28	9	4	47	21	2.82E+01	2.50E+00	1.09E+01	3.76E+01	1.97E+00	4.93E+01	3.65E+00	
94.3	68	28	9	4	48	22	2.12E+02	7.40E+00	1.10E+01	5.39E+01	2.97E+00	6.34E+01	4.44E+00	
94.3	68	28	9	4	49	23	2.81E+01	4.40E+02	4.05E+00	3.32E+01	2.08E+00	3.00E+01	2.14E+00	
94.3	68	28	9	4	47	20	2.12E+01	7.30E-01	1.48E+00	5.02E+00	3.19E-01	4.54E+00	3.96E-01	
94.3	68	28	9	4	48	21	2.45E+01	1.40E+00	5.32E+00	2.17E+01	1.11E+00	2.06E+01	1.62E+00	
94.3	68	28	9	4	49	22	2.11E+02	3.40E+00	1.03E+01	5.32E+01	2.64E+00	5.12E+01	3.80E+00	
94.3	68	28	9	4	50	23	2.13E+02	8.10E+00	7.78E+00	6.38E+01	3.44E+00	4.99E+01	3.69E+00	
94.3	68	28	9	4	51	24	2.84E+01	3.30E+00	2.77E+00	3.19E+01	1.96E+00	2.34E+01	1.85E+00	
94.3	68	28	9	4	48	20	2.38E+00	2.30E-01	8.08E-01	1.56E+00	1.15E-01	2.08E+00	1.91E-01	
94.3	68	28	9	4	49	21	2.20E+01	8.10E-01	3.96E+00	9.43E+00	5.14E-01	1.29E+01	1.09E+00	
94.3	68	28	9	4	50	22	2.71E+01	2.10E+00	1.12E+01	3.57E+01	1.72E+00	4.70E+01	3.75E+00	
94.3	68	28	9	4	51	23	2.16E+02	4.70E+00	1.50E+01	7.42E+01	3.78E+00	8.28E+01	6.54E+00	
94.3	68	28	9	4	52	24	2.15E+02	7.50E+00	8.38E+00	7.29E+01	4.20E+00	6.12E+01	5.05E+00	
94.3	68	28	9	4	50	21	2.72E+00	4.30E-01	1.30E+00	3.37E+00	2.07E-01	3.53E+00	3.14E-01	
94.3	68	28	9	4	51	22	2.33E+01	9.80E-01	5.05E+00	1.80E+01	8.93E-01	1.78E+01	1.52E+00	
94.3	68	28	9	4	52	23	2.94E+01	2.80E+00	1.14E+01	5.86E+01	2.99E+00	5.31E+01	4.50E+00	
94.3	68	28	9	4	53	24	2.16E+02	8.10E+00	1.13E+01	1.01E+02	5.98E+00	7.05E+01	6.21E+00	
94.3	68	28	9	4	54	25	2.16E+02	9.50E+00	4.82E+00	7.86E+01	5.52E+00	4.08E+01	3.92E+00	
94.3	68	28	9	4	51	21	2.16E+00	9.80E-02	6.36E-01	1.05E+00	7.46E-02	1.42E+00	1.33E-01	
94.3	68	28	9	4	52	22	2.15E+01	6.10E-01	3.41E+00	7.44E+00	3.99E-01	1.00E+01	9.05E-01	
94.3	68	28	9	4	53	23	2.57E+01	1.70E+00	1.11E+01	3.47E+01	1.81E+00	4.36E+01	3.94E+00	
94.3	68	28	9	4	54	24	2.16E+02	4.90E+00	1.89E+01	9.49E+01	5.90E+00	9.97E+01	9.38E+00	
94.3	68	28	9	4	55	25	2.22E+02	1.10E+01	1.35E+01	1.31E+02	9.98E+00	9.76E+01	9.91E+00	
94.3	68	28	9	4	56	26	2.77E+01	4.60E+00	4.06E+00	7.73E+01	7.06E+00	4.09E+01	4.64E+00	
94.3	68	28	9	4	53	22	2.45E+00	2.70E-01	1.08E+00	2.67E+00	1.62E-01	2.60E+00	2.47E-01	
94.3	68	28	9	4	54	23	2.26E+01	1.00E+00	4.87E+00	1.68E+01	9.05E-01	1.58E+01	1.51E+00	
94.3	68	28	9	4	55	24	2.85E+01	2.50E+00	1.22E+01	6.68E+01	4.28E+00	5.40E+01	5.37E+00	
94.3	68	28	9	4	56	25	2.18E+02	9.00E+00	1.47E+01	1.49E+02	1.21E+01	9.01E+01	9.63E+00	
94.3	68	28	9	4	57	26	2.23E+02	9.00E+00	7.65E+00	1.58E+02	1.56E+01	6.61E+01	7.82E+00	
94.3	68	28	9	4	54	22	2.23E+00	1.40E-01	5.53E-01	8.62E-01	6.05E-02	1.08E+00	1.06E-01	
94.3	68	28	9	4	55	23	2.12E+01	7.30E-01	3.30E+00	7.01E+00	4.07E-01	8.77E+00	8.74E-01	
94.3	68	28	9	4	56	24	2.51E+01	1.50E+00	1.14E+01	3.83E+01	2.49E+00	4.18E+01	4.34E+00	
94.3	68	28	9	4	57	25	2.16E+02	6.20E+00	2.23E+01	1.27E+02	1.06E+01	1.15E+02	1.28E+01	
94.3	68	28	9	4	58	26	2.25E+02	8.00E+00	1.83E+01	2.19E+02	2.29E+01	1.34E+02	1.63E+01	
94.3	68	28	9	4	56	23	2.35E+00	2.10E-01	1.01E+00	2.64E+00	1.71E-01	2.16E+00	2.23E-01	
94.3	68	28	9	4	57	24	2.23E+01	1.10E+00	4.83E+00	1.89E+01	1.26E+00	1.45E+01	1.55E+00	
94.3	68	28	9	4	58	25	2.95E+01	3.80E+00	1.37E+01	8.71E+01	7.34E+00	5.82E+01	6.65E+00	
94.3	68	28	9	4	59	26	2.20E+02	6.00E+00	1.78E+01	2.27E+02	2.42E+01	1.09E+02	1.36E+01	
94.3	68	28	9	4	60	27	2.31E+02	1.00E+01	9.48E+00	2.76E+02	3.48E+01	8.50E+01	1.18E+01	
94.3	68	28	9	4	58	24	2.13E+01	8.90E-01	3.54E+00	8.41E+00	5.92E-01	8.54E+00	9.38E-01	
94.3	68	28	9	4	59	25	2.69E+01	2.80E+00	1.38E+01	5.15E+01	4.33E+00	4.78E+01	5.56E+00	
94.3	68	28	9	4	60	26	2.16E+02	6.00E+00	2.69E+01	1.89E+02	2.01E+01	1.36E+02	1.71E+01	
94.3	68	28	9	4	61	27	2.30E+02	1.00E+01	2.18E+01	3.48E+02	4.40E+01	1.63E+02	2.27E+01	
94.3	68	28	9	4	62	28	2.31E+02	1.00E+01	6.15E+00	2.40E+02	3.35E+01	6.93E+01	1.08E+01	
94.3	68	28	9	4	61	26	2.12E+02	4.00E+00	1.67E+01	1.35E+02	1.40E+01	6.77E+01	8.51E+00	
94.3	68	28	9	4	62	26	2.91E+01	5.40E+00	1.84E+01	8.51E+01	8.64E+00	5.85E+01	7.30E+00	
94.3	68	28	9	4	62	27	2.28E+02	1.00E+01	2.09E+01	3.49E+02	4.29E+01	1.27E+02	1.75E+01	
94.3	68	28	9	4	63	27	2.30E+02	1.00E+01	3.48E+01	2.94E+02	3.45E+01	1.67E+02	2.24E+01	
94.3	68	28	9	4	63	28	2.38E+02	1.00E+01	8.77E+00	3.54E+02	4.81E+01	8.12E+01	1.24E+01	
94.3	68	28	9	4	64	28	2.50E+02	1.00E+01	2.09E+01	4.06E+02	5.24E+01	1.54E+02	2.27E+01	
94.3	68	28	9	4	65	29	2.25E+02	1.50E+01	2.45E+00	1.40E+02	1.88E+01	2.80E+01	4.64E+00	
94.3	68	28	9	4	64	27	2.24E+02	1.00E+01	2.43E+01	2.15E+02	2.42E+01	8.72E+01	1.15E+01	
94.3	68	28	9	4	65	28	2.57E+02	1.00E+01	2.28E+01	3.79E+02	4.58E+01	1.26E+02	1.80E+01	
94.3	68	28	9	4	66	29	2.25E+02	1.50E+01	3.77E+00	1.62E+02	2.04E+01	3.24E+01	5.18E+00	
94.3	68	28	9	4	35	17	1.20E+01	1.20E+00	1.90E+00	5.91E+00	6.46E-01	8.42E+00	9.44E-01	
94.3	68	28	9	4	36	17	1.40E+01	2.40E+00	3.74E+00	1.84E+01	1.79E+00	1.61E+01	1.79E+00	
94.3	68	28	9	4	37	17	1.61E+01	3.60E+00	6.85E+00	2.69E+01	2.41E+00	2.83E+01	3.15E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	94.3	68	28	9	4	37	18	1.17E+01	1.00E+00	1.55E+00	4.69E+00	4.95E-01	7.71E+00	7.34E-01
	94.3	68	28	9	4	38	18	1.46E+01	2.80E+00	5.11E+00	1.67E+01	1.52E+00	2.43E+01	2.25E+00
	94.3	68	28	9	4	39	19	1.11E+01	6.80E-01	1.11E+00	3.70E+00	3.88E-01	6.22E+00	5.33E-01
	94.3	68	28	9	4	60	25	2.31E+01	1.90E+00	6.05E+00	2.73E+01	2.32E+00	1.67E+01	1.96E+00
	94.3	68	28	9	4	64	29	2.13E+02	7.90E+00	8.48E-01	8.96E+01	1.27E+01	1.22E+01	2.09E+00
	94.3	68	28	9	4	67	29	2.21E+02	1.30E+01	1.10E+01	1.44E+02	1.75E+01	6.59E+01	1.04E+01
	94.3	68	28	9	4	68	29	2.31E+02	1.90E+01	1.38E+01	9.95E+01	1.27E+01	5.24E+01	8.65E+00
[27]	94	40	18	9	4	15	5	7.00E-03	2.70E-03	4.56E-03	6.41E-03	6.02E-04	1.84E-02	3.01E-03
	94	40	18	9	4	17	5	2.91E-05	4.50E-06	3.18E-05	2.06E-05	2.47E-06	1.40E-04	2.41E-05
	94	40	18	9	4	19	5	3.40E-08	1.10E-08	4.51E-08	3.68E-08	5.99E-09	1.78E-07	3.25E-08
	94	40	18	9	4	17	6	5.70E-03	2.20E-03	3.02E-03	1.08E-02	8.45E-04	7.99E-03	9.43E-04
	94	40	18	9	4	19	6	1.96E-05	5.70E-06	2.29E-05	4.28E-05	4.13E-06	6.27E-05	8.36E-06
	94	40	18	9	4	20	6	2.17E-06	5.00E-07	4.06E-06	2.09E-06	2.37E-07	1.05E-05	1.49E-06
	94	40	18	9	4	22	6	1.23E-09	9.90E-10	4.06E-09	3.52E-09	5.55E-10	8.13E-09	1.31E-09
	94	40	18	9	4	22	7	8.90E-06	3.50E-06	2.48E-06	4.95E-06	4.62E-07	4.20E-06	5.14E-07
	94	40	18	9	4	23	7	2.19E-07	9.40E-08	2.69E-07	2.32E-07	2.63E-08	4.00E-07	5.34E-08
	94	40	18	9	4	23	8	1.30E-04	5.10E-05	1.28E-04	2.09E-04	1.42E-05	1.69E-04	1.73E-05
	94	40	18	9	4	24	8	5.60E-06	2.20E-06	2.68E-05	1.20E-05	9.58E-07	3.16E-05	3.55E-06
	94	40	18	9	4	25	9	4.00E-04	1.50E-04	8.03E-04	4.74E-04	2.92E-05	8.05E-04	7.83E-05
	94	40	18	9	4	26	9	9.90E-06	3.90E-06	2.31E-05	2.96E-05	2.10E-06	2.00E-05	2.15E-06
[28]	94	40	18	181	73	12	7	5.28E+00	5.04E-01	2.34E-01	3.30E-01	4.81E-02	4.04E-01	1.21E-01
	94	40	18	181	73	24	13	2.52E-02	1.96E-03	1.79E-01	2.25E-02	2.96E-03	4.11E-02	8.53E-03
	94	40	18	181	73	26	14	8.21E-03	4.50E-02	2.36E-01	1.50E-02	2.14E-03	3.64E-02	7.86E-03
	94	40	18	181	73	30	16	1.33E-01	0.00E+00	1.15E-01	6.36E-03	1.18E-03	1.01E-02	2.32E-03
	94	40	18	181	73	14	7	1.76E+01	0.00E+00	1.42E+01	1.34E+01	1.39E+00	2.74E+01	4.90E+00
	94	40	18	181	73	15	8	3.05E+00	4.10E-01	1.13E+01	2.49E+00	2.76E-01	1.68E+01	3.25E+00
	94	40	18	181	73	17	9	1.28E+00	2.82E-01	3.38E+00	1.75E+00	1.86E-01	3.73E+00	6.52E-01
	94	40	18	181	73	19	10	1.01E+00	6.11E-02	7.34E+00	1.26E+00	1.30E-01	5.62E+00	9.39E-01
	94	40	18	181	73	21	11	7.38E-01	4.47E-02	2.77E+00	9.24E-01	9.17E-02	1.41E+00	2.32E-01
	94	40	18	181	73	23	12	9.55E-01	5.80E-02	5.41E+00	6.81E-01	6.50E-02	1.81E+00	2.97E-01
	94	40	18	181	73	25	13	3.46E-01	2.51E-02	2.06E+00	5.03E-01	4.66E-02	4.61E-01	7.67E-02
	94	40	18	181	73	27	14	4.33E-01	3.12E-02	3.12E+00	3.71E-01	3.48E-02	4.92E-01	8.35E-02
	94	40	18	181	73	29	15	7.64E-02	1.23E-02	1.27E+00	2.70E-01	2.79E-02	1.54E-01	2.70E-02
	94	40	18	181	73	31	16	1.24E-01	1.73E-02	1.67E+00	1.90E-01	2.31E-02	1.76E-01	3.21E-02
	94	40	18	181	73	33	17	2.54E-02	6.61E-03	5.80E-01	1.18E-01	1.72E-02	5.98E-02	1.16E-02
	94	40	18	181	73	35	18	7.50E-02	5.76E-03	6.02E-01	5.08E-02	8.75E-03	6.92E-02	1.48E-02
	94	40	18	181	73	37	19	1.50E-03	1.07E-02	7.85E-02	9.10E-03	1.88E-03	1.09E-02	2.69E-03
	94	40	18	181	73	9	4	1.68E+01	8.64E-01	7.97E+00	3.07E+01	4.10E+00	2.16E+01	6.49E+00
	94	40	18	181	73	10	5	1.76E+01	1.86E+00	1.27E+01	2.49E+01	3.21E+00	2.98E+01	8.74E+00
	94	40	18	181	73	12	6	3.55E+01	0.00E+00	2.47E+01	1.78E+01	2.00E+00	5.57E+01	1.23E+01
	94	40	18	181	73	15	7	4.14E+01	0.00E+00	2.43E+01	1.81E+01	1.61E+00	4.98E+01	7.07E+00
	94	40	18	181	73	16	8	2.24E+01	0.00E+00	2.78E+01	1.05E+01	1.05E+00	4.18E+01	6.61E+00
	94	40	18	181	73	18	9	4.72E+00	0.00E+00	1.48E+01	8.49E+00	8.42E-01	1.60E+01	2.39E+00
	94	40	18	181	73	20	10	7.93E+00	0.00E+00	2.50E+01	6.97E+00	6.85E-01	1.84E+01	2.65E+00
	94	40	18	181	73	22	11	5.80E+00	0.00E+00	1.43E+01	5.78E+00	5.52E-01	7.00E+00	9.79E-01
	94	40	18	181	73	24	12	1.03E+01	0.00E+00	2.22E+01	4.81E+00	4.34E-01	7.28E+00	9.88E-01
	94	40	18	181	73	26	13	4.76E+00	0.00E+00	1.17E+01	4.00E+00	3.34E-01	2.68E+00	3.57E-01
	94	40	18	181	73	28	14	7.46E+00	0.00E+00	1.62E+01	3.31E+00	2.58E-01	2.78E+00	3.72E-01
	94	40	18	181	73	30	15	1.64E+00	0.00E+00	8.84E+00	2.71E+00	2.14E-01	1.26E+00	1.75E-01
	94	40	18	181	73	32	16	2.15E+00	0.00E+00	1.03E+01	2.13E+00	1.93E-01	1.37E+00	2.06E-01
	94	40	18	181	73	34	17	6.00E-01	0.00E+00	4.93E+00	1.44E+00	1.60E-01	6.96E-01	1.18E-01
	94	40	18	181	73	36	18	6.00E-01	0.00E+00	3.90E+00	6.41E-01	8.62E-02	6.37E-01	1.26E-01
	94	40	18	181	73	7	3	6.52E+01	0.00E+00	6.12E+00	4.10E+01	6.84E+00	1.42E+01	6.03E+00
	94	40	18	181	73	10	4	1.60E+01	0.00E+00	3.04E+00	1.13E+01	1.39E+00	1.03E+01	2.46E+00
	94	40	18	181	73	11	5	3.93E+01	0.00E+00	1.58E+01	2.45E+01	2.68E+00	4.37E+01	9.47E+00
	94	40	18	181	73	13	6	2.90E+01	0.00E+00	8.65E+00	2.06E+01	1.95E+00	2.17E+01	3.60E+00
	94	40	18	181	73	16	7	5.56E+00	0.00E+00	4.58E+00	1.05E+01	8.17E-01	9.99E+00	1.22E+00
	94	40	18	181	73	17	8	1.63E+01	0.00E+00	1.70E+01	1.64E+01	1.46E+00	2.61E+01	3.49E+00
	94	40	18	181	73	19	9	1.36E+01	0.00E+00	3.10E+01	1.53E+01	1.39E+00	3.33E+01	4.35E+00
	94	40	18	181	73	21	10	1.90E+01	0.00E+00	2.55E+01	1.44E+01	1.33E+00	1.85E+01	2.36E+00
	94	40	18	181	73	23	11	2.16E+01	0.00E+00	3.78E+01	1.36E+01	1.24E+00	1.84E+01	2.25E+00
	94	40	18	181	73	25	12	1.60E+01	0.00E+00	3.20E+01	1.28E+01	1.12E+00	1.08E+01	1.25E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
94	40	18	181	73	27	13	1.84E+01	0.00E+00	3.70E+01	1.21E+01	9.80E-01	9.15E+00	1.02E+00	
94	40	18	181	73	29	14	1.58E+01	0.00E+00	3.40E+01	1.14E+01	8.47E-01	6.72E+00	7.52E-01	
94	40	18	181	73	31	15	1.23E+01	0.00E+00	3.23E+01	1.05E+01	7.71E-01	5.73E+00	6.83E-01	
94	40	18	181	73	33	16	8.35E+00	0.00E+00	2.92E+01	9.33E+00	7.61E-01	5.20E+00	7.00E-01	
94	40	18	181	73	35	17	4.93E+00	0.00E+00	2.25E+01	6.93E+00	6.83E-01	4.40E+00	6.99E-01	
94	40	18	181	73	37	18	2.74E+00	0.00E+00	1.35E+01	3.13E+00	3.77E-01	2.97E+00	5.77E-01	
94	40	18	181	73	39	19	4.41E-02	6.57E-03	3.41E+00	4.39E-01	6.91E-02	7.47E-01	1.83E-01	
94	40	18	181	73	8	3	1.81E+01	1.04E+01	1.33E+00	1.28E+01	1.99E+00	4.11E+00	1.39E+00	
94	40	18	181	73	11	4	6.77E-01	9.47E-02	1.48E-01	2.19E+00	2.77E-01	6.26E-01	1.42E-01	
94	40	18	181	73	12	5	6.78E+00	0.00E+00	1.60E+00	1.05E+01	1.05E+00	5.22E+00	9.00E-01	
94	40	18	181	73	14	6	1.24E+01	0.00E+00	6.48E+00	1.03E+01	8.70E-01	1.81E+01	2.46E+00	
94	40	18	181	73	17	7	2.75E+00	0.00E+00	1.84E+00	3.17E+00	2.37E-01	4.31E+00	5.15E-01	
94	40	18	181	73	18	8	1.19E+01	0.00E+00	1.02E+01	1.11E+01	8.54E-01	1.61E+01	1.94E+00	
94	40	18	181	73	20	9	9.30E+00	0.00E+00	9.70E+00	1.18E+01	9.43E-01	1.06E+01	1.26E+00	
94	40	18	181	73	22	10	1.79E+01	0.00E+00	2.07E+01	1.27E+01	1.05E+00	1.53E+01	1.78E+00	
94	40	18	181	73	24	11	1.79E+01	0.00E+00	1.88E+01	1.37E+01	1.14E+00	9.53E+00	1.07E+00	
94	40	18	181	73	26	12	2.81E+01	0.00E+00	3.50E+01	1.47E+01	1.19E+00	1.28E+01	1.37E+00	
94	40	18	181	73	28	13	2.31E+01	0.00E+00	3.21E+01	1.57E+01	1.20E+00	9.07E+00	9.48E-01	
94	40	18	181	73	30	14	3.12E+01	0.00E+00	5.30E+01	1.68E+01	1.21E+00	1.28E+01	1.36E+00	
94	40	18	181	73	32	15	1.54E+01	0.00E+00	4.27E+01	1.77E+01	1.29E+00	9.84E+00	1.12E+00	
94	40	18	181	73	34	16	2.22E+01	0.00E+00	6.13E+01	1.76E+01	1.44E+00	1.48E+01	1.93E+00	
94	40	18	181	73	36	17	1.31E+01	0.00E+00	3.98E+01	1.42E+01	1.40E+00	1.04E+01	1.64E+00	
94	40	18	181	73	38	18	8.39E+00	0.00E+00	4.24E+01	6.34E+00	7.60E-01	1.10E+01	2.18E+00	
94	40	18	181	73	40	19	2.21E-01	6.09E-02	1.40E+01	7.32E-01	1.19E-01	2.69E+00	6.91E-01	
94	40	18	181	73	13	5	2.49E+00	0.00E+00	9.99E-01	2.38E+00	2.43E-01	3.82E+00	6.42E-01	
94	40	18	181	73	15	6	1.50E+00	0.00E+00	5.86E-01	2.70E+00	2.29E-01	1.83E+00	2.45E-01	
94	40	18	181	73	18	7	4.52E-01	0.00E+00	1.83E-01	5.83E-01	4.66E-02	4.67E-01	6.00E-02	
94	40	18	181	73	19	8	2.80E+00	0.00E+00	1.70E+00	3.81E+00	2.70E-01	2.81E+00	3.25E-01	
94	40	18	181	73	21	9	6.78E+00	0.00E+00	4.49E+00	4.65E+00	3.32E-01	5.10E+00	5.85E-01	
94	40	18	181	73	23	10	7.00E+00	0.00E+00	4.60E+00	5.69E+00	4.18E-01	3.58E+00	4.07E-01	
94	40	18	181	73	25	11	8.44E+00	0.00E+00	1.05E+01	6.96E+00	5.19E-01	5.79E+00	6.49E-01	
94	40	18	181	73	27	12	5.20E+00	0.00E+00	1.11E+01	8.45E+00	6.29E-01	4.59E+00	5.06E-01	
94	40	18	181	73	29	13	1.60E+01	0.00E+00	2.43E+01	1.02E+01	7.45E-01	8.25E+00	9.05E-01	
94	40	18	181	73	31	14	2.50E+01	0.00E+00	2.36E+01	1.23E+01	8.90E-01	7.26E+00	8.07E-01	
94	40	18	181	73	33	15	2.60E+01	0.00E+00	4.83E+01	1.46E+01	1.12E+00	1.47E+01	1.73E+00	
94	40	18	181	73	35	16	2.06E+01	0.00E+00	4.26E+01	1.61E+01	1.42E+00	1.35E+01	1.78E+00	
94	40	18	181	73	41	19	2.60E-01	2.01E-02	6.77E+01	5.20E-01	9.56E-02	7.33E+00	2.03E+00	
94	40	18	181	73	14	5	5.24E-01	0.00E+00	5.35E-02	3.34E-01	3.76E-02	2.41E-01	4.65E-02	
94	40	18	181	73	16	6	4.07E-01	0.00E+00	1.97E-01	4.35E-01	4.06E-02	6.90E-01	1.05E-01	
94	40	18	181	73	20	8	7.05E-01	0.00E+00	5.43E-01	7.96E-01	5.75E-02	9.63E-01	1.14E-01	
94	40	18	181	73	22	9	9.73E-01	0.00E+00	5.99E-01	1.10E+00	7.65E-02	7.30E-01	8.48E-02	
94	40	18	181	73	24	10	1.56E+00	9.46E-02	1.66E+00	1.51E+00	1.06E-01	1.41E+00	1.65E-01	
94	40	18	181	73	26	11	6.57E+00	7.72E-01	1.91E+00	2.08E+00	1.50E-01	1.19E+00	1.41E-01	
94	40	18	181	73	28	12	9.15E+00	0.00E+00	5.11E+00	2.82E+00	2.08E-01	2.51E+00	3.00E-01	
94	40	18	181	73	30	13	5.23E+00	0.00E+00	5.73E+00	3.82E+00	2.86E-01	2.43E+00	2.90E-01	
94	40	18	181	73	32	14	5.23E+00	0.00E+00	1.48E+01	5.14E+00	4.00E-01	5.90E+00	6.99E-01	
94	40	18	181	73	34	15	6.78E+00	0.00E+00	1.57E+01	6.78E+00	5.77E-01	6.22E+00	7.53E-01	
94	40	18	181	73	36	16	1.22E+01	0.00E+00	4.16E+01	8.14E+00	8.02E-01	1.60E+01	2.16E+00	
94	40	18	181	73	17	6	7.76E-02	0.00E+00	9.74E-03	5.00E-02	5.14E-03	3.87E-02	6.90E-03	
94	40	18	181	73	21	8	1.15E-01	0.00E+00	4.02E-02	1.16E-01	9.07E-03	7.83E-02	9.95E-03	
94	40	18	181	73	23	9	1.79E-01	0.00E+00	1.38E-01	1.79E-01	1.32E-02	1.86E-01	2.27E-02	
94	40	18	181	73	25	10	2.25E-01	0.00E+00	1.78E-01	2.75E-01	2.03E-02	1.72E-01	2.13E-02	
94	40	18	181	73	27	11	4.48E-01	0.00E+00	6.34E-01	4.19E-01	3.18E-02	4.67E-01	5.97E-02	
94	40	18	181	73	29	12	3.14E-01	0.00E+00	6.98E-01	6.30E-01	4.98E-02	4.24E-01	5.50E-02	
94	40	18	181	73	31	13	3.11E+00	0.00E+00	2.42E+00	9.40E-01	7.76E-02	1.32E+00	1.68E-01	
94	40	18	181	73	33	14	6.01E-01	0.00E+00	2.55E+00	1.39E+00	1.22E-01	1.31E+00	1.61E-01	
94	40	18	181	73	35	15	3.73E+00	0.00E+00	9.65E+00	2.00E+00	1.93E-01	4.66E+00	5.77E-01	
94	40	18	181	73	37	16	2.91E+00	0.00E+00	1.23E+01	2.55E+00	2.83E-01	4.84E+00	6.95E-01	
94	40	18	181	73	24	9	3.99E-02	0.00E+00	9.80E-03	2.26E-02	1.82E-03	1.52E-02	1.98E-03	
94	40	18	181	73	26	10	2.10E-02	0.00E+00	3.43E-02	3.81E-02	3.08E-03	3.92E-02	5.22E-03	
94	40	18	181	73	28	11	4.44E-02	2.69E-03	4.57E-02	6.36E-02	5.33E-03	4.13E-02	5.65E-03	
94	40	18	181	73	30	12	1.91E-01	0.00E+00	1.75E-01	1.04E-01	9.20E-03	1.34E-01	1.84E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	94	40	18	181	73	32	13	1.17E-01	0.00E+00	2.01E-01	1.70E-01	1.57E-02	1.39E-01	1.84E-02
	94	40	18	181	73	34	14	3.32E-01	0.00E+00	1.13E+00	2.71E-01	2.68E-02	7.12E-01	8.89E-02
	94	40	18	181	73	36	15	4.27E-01	0.00E+00	1.59E+00	4.16E-01	4.51E-02	8.11E-01	1.06E-01
	94	40	18	181	73	29	11	8.75E-03	0.00E+00	9.32E-03	7.89E-03	7.43E-04	1.05E-02	1.52E-03
	94	40	18	181	73	31	12	3.98E-03	8.80E-04	1.01E-02	1.39E-02	1.38E-03	9.83E-03	1.38E-03
	94	40	18	181	73	33	13	1.01E-01	0.00E+00	6.01E-02	2.41E-02	2.52E-03	5.08E-02	6.76E-03
	94	40	18	181	73	37	15	7.09E-02	4.01E-02	4.00E-01	6.48E-02	7.82E-03	1.72E-01	2.61E-02
	94	40	18	181	73	34	13	2.08E-03	1.51E-04	3.14E-03	2.85E-03	3.37E-04	2.95E-03	4.09E-04
[26]	93.7	64	28	9	4	34	17	1.46E+00	2.30E-01	9.44E-01	1.60E+00	1.64E-01	2.84E+00	3.07E-01
	93.7	64	28	9	4	35	17	1.31E+01	1.50E+00	4.08E+00	1.01E+01	9.19E-01	1.22E+01	1.28E+00
	93.7	64	28	9	4	36	17	1.62E+01	3.10E+00	5.92E+00	2.58E+01	2.18E+00	1.71E+01	1.78E+00
	93.7	64	28	9	4	37	17	1.62E+01	3.10E+00	7.02E+00	2.97E+01	2.43E+00	1.91E+01	2.00E+00
	93.7	64	28	9	4	38	17	1.28E+01	1.40E+00	2.36E+00	1.76E+01	1.46E+00	5.94E+00	6.31E-01
	93.7	64	28	9	4	39	17	1.11E+01	5.40E-01	1.23E+00	6.14E+00	5.36E-01	2.79E+00	3.02E-01
	93.7	64	28	9	4	40	17	1.31E+00	1.50E-01	2.49E-01	1.43E+00	1.39E-01	5.01E-01	5.49E-02
	93.7	64	28	9	4	42	18	1.63E+00	3.20E-01	6.31E-01	2.43E+00	2.07E-01	1.34E+00	1.29E-01
	93.7	64	28	9	4	38	18	1.76E+01	3.80E+00	9.25E+00	2.72E+01	2.14E+00	3.00E+01	2.71E+00
	93.7	64	28	9	4	39	18	1.76E+01	3.80E+00	6.70E+00	3.55E+01	2.64E+00	2.02E+01	1.83E+00
	93.7	64	28	9	4	40	18	1.51E+01	2.50E+00	4.98E+00	2.37E+01	1.75E+00	1.36E+01	1.25E+00
	93.7	64	28	9	4	41	18	1.20E+01	1.00E+00	1.45E+00	9.32E+00	7.17E-01	3.53E+00	3.31E-01
	93.7	64	28	9	4	43	19	1.31E+01	1.60E+00	3.27E+00	1.43E+01	1.01E+00	8.60E+00	7.28E-01
	93.7	64	28	9	4	39	19	1.20E+01	1.00E+00	3.33E+00	8.78E+00	7.57E-01	1.31E+01	1.12E+00
	93.7	64	28	9	4	40	19	1.57E+01	2.80E+00	6.98E+00	2.87E+01	2.21E+00	2.56E+01	2.11E+00
	93.7	64	28	9	4	41	19	1.88E+01	4.40E+00	1.05E+01	4.25E+01	3.01E+00	3.52E+01	2.88E+00
	93.7	64	28	9	4	42	19	1.63E+01	3.10E+00	5.34E+00	3.22E+01	2.21E+00	1.60E+01	1.33E+00
	93.7	64	28	9	4	44	19	1.10E+01	5.20E-01	8.54E-01	4.16E+00	3.22E-01	1.93E+00	1.68E-01
	93.7	64	28	9	4	45	19	1.42E+00	2.10E-01	2.82E-01	8.86E-01	7.97E-02	5.41E-01	4.81E-02
	93.7	64	28	9	4	44	20	2.75E+01	2.30E+00	9.86E+00	4.39E+01	2.95E+00	3.27E+01	2.53E+00
	93.7	64	28	9	4	41	20	2.17E+01	9.50E-01	3.43E+00	8.16E+00	7.19E-01	1.56E+01	1.30E+00
	93.7	64	28	9	4	42	20	2.73E+01	2.20E+00	9.43E+00	3.02E+01	2.36E+00	3.93E+01	3.09E+00
	93.7	64	28	9	4	43	20	2.96E+01	2.90E+00	1.11E+01	5.09E+01	3.61E+00	4.15E+01	3.19E+00
	93.7	64	28	9	4	45	20	2.38E+01	1.10E+00	3.82E+00	2.20E+01	1.49E+00	1.10E+01	8.67E-01
	93.7	64	28	9	4	46	20	2.12E+01	3.70E-01	2.01E+00	7.19E+00	5.27E-01	4.92E+00	3.99E-01
	93.7	64	28	9	4	47	20	2.31E+00	9.20E-02	4.43E-01	1.71E+00	1.44E-01	9.12E-01	7.59E-02
	93.7	64	28	9	4	45	21	2.12E+02	3.50E+00	1.32E+01	6.09E+01	4.45E+00	5.59E+01	4.15E+00
	93.7	64	28	9	4	43	21	2.12E+01	8.40E-01	2.35E+00	7.55E+00	6.86E-01	1.24E+01	1.03E+00
	93.7	64	28	9	4	44	21	2.56E+01	1.70E+00	6.71E+00	3.17E+01	2.57E+00	3.20E+01	2.46E+00
	93.7	64	28	9	4	46	21	2.10E+02	3.10E+00	1.04E+01	5.97E+01	4.08E+00	3.83E+01	2.84E+00
	93.7	64	28	9	4	47	21	2.61E+01	1.80E+00	7.82E+00	3.39E+01	2.29E+00	2.49E+01	1.87E+00
	93.7	64	28	9	4	48	21	2.23E+01	9.10E-01	2.50E+00	1.25E+01	8.94E-01	6.72E+00	5.19E-01
	93.7	64	28	9	4	49	21	2.58E+00	2.30E-01	1.21E+00	3.31E+00	2.67E-01	2.71E+00	2.16E-01
	93.7	64	28	9	4	46	22	2.48E+01	1.40E+00	8.31E+00	3.29E+01	2.74E+00	4.56E+01	3.47E+00
	93.7	64	28	9	4	45	22	2.66E+00	4.20E-01	2.44E+00	6.91E+00	6.42E-01	1.50E+01	1.25E+00
	93.7	64	28	9	4	47	22	2.13E+02	3.90E+00	1.35E+01	7.21E+01	5.43E+00	6.50E+01	4.73E+00
	93.7	64	28	9	4	48	22	2.15E+02	4.40E+00	1.71E+01	8.07E+01	5.66E+00	7.15E+01	5.15E+00
	93.7	64	28	9	4	49	22	2.85E+01	2.50E+00	8.69E+00	5.20E+01	3.57E+00	3.10E+01	2.27E+00
	93.7	64	28	9	4	50	22	2.33E+01	9.90E-01	5.76E+00	2.16E+01	1.54E+00	1.73E+01	1.30E+00
	93.7	64	28	9	4	51	22	2.66E+00	2.00E-01	1.62E+00	6.42E+00	5.04E-01	4.07E+00	3.16E-01
	93.7	64	28	9	4	48	23	2.56E+01	1.70E+00	5.65E+00	3.36E+01	2.83E+00	3.60E+01	2.72E+00
	93.7	64	28	9	4	49	23	2.14E+02	4.30E+00	1.41E+01	8.40E+01	6.44E+00	7.86E+01	5.65E+00
	93.7	64	28	9	4	50	23	2.19E+02	5.70E+00	1.59E+01	1.07E+02	7.69E+00	7.64E+01	5.42E+00
	93.7	64	28	9	4	51	23	2.13E+02	3.80E+00	1.63E+01	7.90E+01	5.48E+00	6.65E+01	4.77E+00
	93.7	64	28	9	4	52	23	2.51E+01	1.50E+00	6.83E+00	3.73E+01	2.64E+00	2.35E+01	1.73E+00
	93.7	64	28	9	4	53	23	2.17E+01	5.10E-01	4.07E+00	1.24E+01	9.49E-01	1.17E+01	8.92E-01
	93.7	64	28	9	4	54	23	2.64E+00	1.90E-01	1.11E+00	3.18E+00	2.73E-01	2.61E+00	2.10E-01
	93.7	64	28	9	4	50	24	2.53E+01	1.60E+00	6.19E+00	3.32E+01	2.78E+00	4.64E+01	3.52E+00
	93.7	64	28	9	4	51	24	2.17E+02	5.20E+00	1.35E+01	9.52E+01	7.34E+00	8.81E+01	6.34E+00
	93.7	64	28	9	4	52	24	2.24E+02	7.30E+00	2.33E+01	1.40E+02	1.01E+01	1.31E+02	9.26E+00
	93.7	64	28	9	4	53	24	2.17E+02	5.00E+00	1.67E+01	1.18E+02	8.27E+00	7.99E+01	5.73E+00
	93.7	64	28	9	4	54	24	2.96E+01	2.90E+00	1.48E+01	6.34E+01	4.49E+00	5.96E+01	4.39E+00
	93.7	64	28	9	4	55	24	2.24E+01	7.20E-01	5.69E+00	2.39E+01	1.79E+00	1.91E+01	1.47E+00
	93.7	64	28	9	4	56	24	2.96E+00	2.90E-01	3.35E+00	6.85E+00	5.62E-01	9.27E+00	7.54E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
93.7	64	28	9	4	52	25	2.51E+01	1.50E+00	3.87E+00	3.13E+01	2.62E+00	3.47E+01	2.71E+00	
93.7	64	28	9	4	53	25	2.18E+02	5.40E+00	1.24E+01	1.04E+02	8.08E+00	9.67E+01	7.18E+00	
93.7	64	28	9	4	54	25	2.25E+02	7.60E+00	1.89E+01	1.76E+02	1.30E+01	1.27E+02	9.30E+00	
93.7	64	28	9	4	55	25	2.25E+02	7.60E+00	2.90E+01	1.71E+02	1.23E+01	1.67E+02	1.23E+01	
93.7	64	28	9	4	56	25	2.15E+02	4.40E+00	1.70E+01	1.05E+02	7.61E+00	8.26E+01	6.23E+00	
93.7	64	28	9	4	57	25	2.73E+01	2.20E+00	1.47E+01	4.51E+01	3.39E+00	5.97E+01	4.72E+00	
93.7	64	28	9	4	58	25	2.22E+01	9.00E-01	5.55E+00	1.45E+01	1.17E+00	1.86E+01	1.58E+00	
93.7	64	28	9	4	55	26	2.13E+02	3.80E+00	9.99E+00	1.05E+02	8.61E+00	9.60E+01	7.67E+00	
93.7	64	28	9	4	56	26	2.28E+02	8.40E+00	2.32E+01	2.07E+02	1.62E+01	1.93E+02	1.51E+01	
93.7	64	28	9	4	57	26	2.27E+02	8.00E+00	2.49E+01	2.32E+02	1.78E+01	1.78E+02	1.39E+01	
93.7	64	28	9	4	58	26	2.24E+02	7.20E+00	3.43E+01	1.63E+02	1.25E+01	2.08E+02	1.67E+01	
93.7	64	28	9	4	59	26	2.13E+02	4.00E+00	1.93E+01	7.88E+01	6.23E+00	9.79E+01	8.32E+00	
93.7	64	28	9	4	57	27	2.12E+02	3.00E+00	6.27E+00	9.16E+01	8.23E+00	7.66E+01	6.88E+00	
93.7	64	28	9	4	58	27	2.22E+02	6.70E+00	1.39E+01	2.07E+02	1.78E+01	1.48E+02	1.30E+01	
93.7	64	28	9	4	59	27	2.34E+02	1.00E+01	3.08E+01	2.63E+02	2.21E+01	2.82E+02	2.47E+01	
93.7	64	28	9	4	60	27	2.35E+02	1.00E+01	3.20E+01	2.06E+02	1.74E+01	2.49E+02	2.24E+01	
93.7	64	28	9	4	61	27	2.41E+02	1.20E+01	4.76E+01	1.08E+02	9.48E+00	3.08E+02	3.00E+01	
93.7	64	28	9	4	62	27	2.23E+02	7.00E+00	3.31E+01	4.06E+01	3.87E+00	1.72E+02	1.92E+01	
93.7	64	28	9	4	59	28	2.89E+01	2.70E+00	3.08E+00	5.54E+01	5.66E+00	4.96E+01	5.18E+00	
93.7	64	28	9	4	60	28	2.24E+02	7.30E+00	9.36E+00	1.37E+02	1.34E+01	1.32E+02	1.35E+01	
93.7	64	28	9	4	61	28	2.41E+02	1.20E+01	1.72E+01	1.86E+02	1.79E+01	2.09E+02	2.14E+01	
93.7	64	28	9	4	62	28	2.64E+02	1.90E+01	4.85E+01	1.52E+02	1.48E+01	4.98E+02	5.38E+01	
93.7	64	28	9	4	63	28	2.89E+02	2.70E+01	7.85E+01	7.94E+01	8.25E+00	6.56E+02	7.95E+01	
93.7	64	28	9	4	62	29	2.74E+01	2.20E+00	1.64E+00	3.54E+01	4.22E+00	3.18E+01	3.92E+00	
93.7	64	28	9	4	63	29	2.80E+01	2.40E+00	6.88E+00	4.50E+01	5.44E+00	1.14E+02	1.45E+01	
93.7	64	28	9	4	64	29	2.68E+01	2.10E+00	1.75E+01	3.24E+01	4.16E+00	2.39E+02	3.31E+01	
93.7	64	28	9	4	36	18	1.51E+00	2.50E-01	1.16E+00	1.33E+00	1.32E-01	4.09E+00	3.94E-01	
93.7	64	28	9	4	37	18	1.25E+01	1.30E+00	3.89E+00	9.44E+00	8.19E-01	1.33E+01	1.22E+00	
93.7	64	28	9	4	65	29	2.37E+01	1.10E+00	6.82E+01	1.40E+01	2.02E+00	7.28E+02	1.17E+02	
93.7	64	28	9	4	60	26	2.56E+01	1.70E+00	1.69E+01	2.79E+01	2.37E+00	7.01E+01	6.59E+00	
[29]	90	40	18	9	4	7	8.83E-01	8.83E-02	1.21E+00	1.97E+00	3.71E-01	1.83E+00	6.83E-01	
	90	40	18	9	4	11	6	5.48E-01	5.48E-02	2.73E+00	9.40E-01	1.25E-01	1.98E+00	3.73E-01
	90	40	18	9	4	13	7	1.42E-01	1.43E-02	7.68E-01	7.40E-01	8.68E-02	4.72E-01	7.91E-02
	90	40	18	9	4	15	8	4.57E-01	5.78E-02	3.16E+00	6.26E-01	6.81E-02	1.80E+00	3.06E-01
	90	40	18	9	4	19	10	2.09E-01	3.23E-02	2.48E+00	5.31E-01	5.48E-02	1.45E+00	2.61E-01
	90	40	18	9	4	21	11	1.98E-01	3.29E-02	1.03E+00	5.17E-01	5.27E-02	6.41E-01	1.14E-01
	90	40	18	9	4	23	12	3.80E-01	6.87E-02	2.20E+00	5.14E-01	5.17E-02	1.49E+00	2.57E-01
	90	40	18	9	4	25	13	2.17E-01	4.24E-02	9.20E-01	5.17E-01	5.20E-02	6.85E-01	1.13E-01
	90	40	18	9	4	27	14	3.78E-01	8.06E-02	1.53E+00	5.25E-01	5.38E-02	1.25E+00	1.97E-01
	90	40	18	9	4	29	15	7.79E-02	1.43E-02	6.83E-01	5.34E-01	5.75E-02	6.18E-01	9.47E-02
	90	40	18	9	4	10	5	3.19E+00	6.04E-01	2.81E+00	4.72E+00	6.01E-01	3.87E+00	8.69E-01
	90	40	18	9	4	12	6	1.03E+01	2.19E+00	6.01E+00	3.97E+00	4.18E-01	6.10E+00	9.63E-01
	90	40	18	9	4	14	7	5.32E+00	1.10E+00	3.78E+00	3.61E+00	3.26E-01	3.17E+00	4.29E-01
	90	40	18	9	4	16	8	1.30E+01	2.78E+00	8.14E+00	3.51E+00	2.88E-01	6.15E+00	8.43E-01
	90	40	18	9	4	18	9	3.20E+00	6.82E-01	4.77E+00	3.58E+00	2.80E-01	3.44E+00	4.97E-01
	90	40	18	9	4	20	10	7.67E+00	1.68E+00	8.83E+00	3.81E+00	2.90E-01	6.37E+00	9.46E-01
	90	40	18	9	4	22	11	5.33E+00	1.20E+00	5.55E+00	4.14E+00	3.10E-01	4.12E+00	6.09E-01
	90	40	18	9	4	24	12	1.42E+01	3.30E+00	9.47E+00	4.56E+00	3.37E-01	7.36E+00	1.06E+00
	90	40	18	9	4	26	13	7.11E+00	1.74E+00	5.50E+00	5.07E+00	3.73E-01	4.53E+00	6.30E-01
	90	40	18	9	4	28	14	1.80E+01	4.56E+00	8.34E+00	5.65E+00	4.24E-01	7.33E+00	9.96E-01
	90	40	18	9	4	30	15	1.94E+00	3.98E-01	4.98E+00	6.32E+00	4.98E-01	4.70E+00	6.46E-01
	90	40	18	9	4	9	4	8.19E+00	2.71E+00	1.69E+00	6.31E+00	8.42E-01	5.07E+00	1.60E+00
	90	40	18	9	4	11	5	1.66E+01	4.90E+00	3.67E+00	5.72E+00	6.07E-01	6.90E+00	1.40E+00
	90	40	18	9	4	13	6	1.41E+01	3.84E+00	2.21E+00	5.62E+00	4.86E-01	3.00E+00	4.09E-01
	90	40	18	9	4	15	7	2.19E+01	5.71E+00	6.80E+00	5.91E+00	4.40E-01	7.43E+00	8.26E-01
	90	40	18	9	4	17	8	1.07E+01	2.71E+00	5.24E+00	6.60E+00	4.50E-01	4.99E+00	5.57E-01
	90	40	18	9	4	19	9	1.12E+01	2.76E+00	1.04E+01	7.70E+00	5.08E-01	9.20E+00	1.09E+00
	90	40	18	9	4	21	10	1.70E+01	4.21E+00	9.45E+00	9.26E+00	6.06E-01	8.02E+00	9.88E-01
	90	40	18	9	4	23	11	2.45E+01	6.10E+00	1.54E+01	1.13E+01	7.42E-01	1.29E+01	1.60E+00
	90	40	18	9	4	25	12	2.54E+01	6.68E+00	1.43E+01	1.40E+01	9.22E-01	1.22E+01	1.48E+00
	90	40	18	9	4	27	13	3.86E+01	1.00E+01	1.81E+01	1.73E+01	1.16E+00	1.58E+01	1.91E+00
	90	40	18	9	4	29	14	3.95E+01	1.03E+01	1.83E+01	2.15E+01	1.48E+00	1.65E+01	2.01E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
90	40	18	9	4	31	15	8.30E+00	1.45E+00	1.91E+01	2.67E+01	1.94E+00	1.80E+01	2.31E+00	
90	40	18	9	4	10	4	6.59E+00	2.41E+00	6.72E-01	2.58E+00	3.01E-01	2.67E+00	7.91E-01	
90	40	18	9	4	12	5	2.91E+00	9.16E-01	3.90E-01	2.72E+00	2.52E-01	9.57E-01	1.82E-01	
90	40	18	9	4	14	6	7.24E+00	2.04E+00	1.73E+00	3.11E+00	2.34E-01	3.00E+00	3.74E-01	
90	40	18	9	4	16	7	3.22E+00	8.56E-01	1.34E+00	3.77E+00	2.47E-01	1.82E+00	1.76E-01	
90	40	18	9	4	18	8	7.58E+00	1.95E+00	3.29E+00	4.83E+00	2.96E-01	3.77E+00	3.56E-01	
90	40	18	9	4	20	9	8.42E+00	2.13E+00	3.43E+00	6.42E+00	3.86E-01	3.51E+00	3.51E-01	
90	40	18	9	4	22	10	1.71E+01	4.33E+00	8.02E+00	8.75E+00	5.29E-01	7.63E+00	7.97E-01	
90	40	18	9	4	24	11	1.55E+01	3.94E+00	8.01E+00	1.21E+01	7.42E-01	7.30E+00	7.74E-01	
90	40	18	9	4	26	12	3.10E+01	7.86E+00	1.64E+01	1.67E+01	1.06E+00	1.46E+01	1.55E+00	
90	40	18	9	4	28	13	2.75E+01	7.03E+00	1.65E+01	2.31E+01	1.52E+00	1.46E+01	1.58E+00	
90	40	18	9	4	30	14	6.07E+01	1.65E+01	2.99E+01	3.20E+01	2.20E+00	2.66E+01	3.01E+00	
90	40	18	9	4	32	15	3.22E+01	7.77E+00	2.65E+01	4.42E+01	3.21E+00	2.39E+01	2.97E+00	
90	40	18	9	4	11	4	3.19E-01	1.18E-01	3.45E-02	5.02E-01	5.53E-02	1.73E-01	4.90E-02	
90	40	18	9	4	13	5	7.57E-01	2.36E-01	2.55E-01	6.13E-01	5.36E-02	7.80E-01	1.43E-01	
90	40	18	9	4	15	6	6.06E-01	1.66E-01	1.64E-01	8.04E-01	5.80E-02	3.47E-01	4.18E-02	
90	40	18	9	4	17	7	1.33E+00	3.47E-01	5.65E-01	1.12E+00	7.09E-02	9.08E-01	8.26E-02	
90	40	18	9	4	19	8	1.56E+00	3.88E-01	5.73E-01	1.63E+00	9.70E-02	7.52E-01	6.41E-02	
90	40	18	9	4	21	9	2.46E+00	2.20E+00	1.66E+00	2.46E+00	1.43E-01	1.88E+00	1.67E-01	
90	40	18	9	4	23	10	3.76E+00	9.29E-01	1.87E+00	3.77E+00	2.20E-01	1.90E+00	1.76E-01	
90	40	18	9	4	25	11	7.68E+00	1.92E+00	4.70E+00	5.83E+00	3.47E-01	4.42E+00	4.18E-01	
90	40	18	9	4	27	12	9.11E+00	2.32E+00	5.44E+00	9.02E+00	5.56E-01	4.84E+00	4.68E-01	
90	40	18	9	4	29	13	1.58E+01	4.15E+00	1.31E+01	1.39E+01	9.00E-01	1.12E+01	1.14E+00	
90	40	18	9	4	31	14	1.92E+01	5.17E+00	1.39E+01	2.15E+01	1.47E+00	1.17E+01	1.28E+00	
90	40	18	9	4	33	15	3.23E+01	9.10E+00	3.13E+01	3.27E+01	2.39E+00	2.61E+01	3.21E+00	
90	40	18	9	4	12	4	4.95E-02	1.80E-02	2.03E-02	5.58E-02	6.28E-03	1.24E-01	3.39E-02	
90	40	18	9	4	14	5	3.68E-02	1.23E-02	1.43E-02	7.79E-02	7.03E-03	5.20E-02	9.44E-03	
90	40	18	9	4	16	6	1.67E-01	5.03E-02	5.77E-02	1.16E-01	8.70E-03	1.41E-01	1.73E-02	
90	40	18	9	4	18	7	1.78E-01	4.53E-02	5.90E-02	1.83E-01	1.20E-02	1.07E-01	9.88E-03	
90	40	18	9	4	20	8	3.96E-01	9.69E-02	1.92E-01	3.02E-01	1.83E-02	2.75E-01	2.30E-02	
90	40	18	9	4	22	9	5.80E-01	1.42E-01	2.33E-01	5.11E-01	2.98E-02	2.78E-01	2.33E-02	
90	40	18	9	4	24	10	1.06E+00	2.58E-01	7.07E-01	8.77E-01	5.07E-02	7.33E-01	6.31E-02	
90	40	18	9	4	26	11	1.42E+00	3.47E-01	8.95E-01	1.51E+00	8.86E-02	8.31E-01	7.36E-02	
90	40	18	9	4	28	12	2.71E+00	6.72E-01	2.62E+00	2.59E+00	1.58E-01	2.23E+00	2.06E-01	
90	40	18	9	4	30	13	3.42E+00	8.60E-01	3.23E+00	4.42E+00	2.85E-01	2.57E+00	2.54E-01	
90	40	18	9	4	32	14	6.76E+00	1.70E+00	9.15E+00	7.52E+00	5.13E-01	6.93E+00	7.58E-01	
90	40	18	9	4	34	15	9.73E+00	2.63E+00	1.06E+01	1.25E+01	9.15E-01	7.78E+00	9.69E-01	
90	40	18	9	4	15	5	5.62E-03	1.73E-03	4.50E-03	6.54E-03	6.38E-04	1.86E-02	3.40E-03	
90	40	18	9	4	17	6	7.78E-03	1.86E-03	2.99E-03	1.10E-02	8.82E-04	8.11E-03	1.04E-03	
90	40	18	9	4	19	7	3.23E-02	7.49E-03	1.26E-02	1.94E-02	1.34E-03	2.45E-02	2.41E-03	
90	40	18	9	4	21	8	3.38E-02	7.62E-03	1.49E-02	3.57E-02	2.21E-03	2.22E-02	1.93E-03	
90	40	18	9	4	23	9	9.68E-02	2.23E-02	5.60E-02	6.72E-02	3.92E-03	6.73E-02	5.68E-03	
90	40	18	9	4	25	10	9.19E-02	2.12E-02	7.92E-02	1.28E-01	7.30E-03	7.99E-02	6.80E-03	
90	40	18	9	4	27	11	2.85E-01	6.97E-02	3.11E-01	2.43E-01	1.41E-02	2.71E-01	2.37E-02	
90	40	18	9	4	29	12	2.90E-01	7.31E-02	3.76E-01	4.57E-01	2.78E-02	2.92E-01	2.69E-02	
90	40	18	9	4	31	13	8.72E-01	2.25E-01	1.43E+00	8.55E-01	5.51E-02	1.01E+00	1.01E-01	
90	40	18	9	4	33	14	1.00E+00	2.74E-01	1.65E+00	1.58E+00	1.08E-01	1.08E+00	1.21E-01	
90	40	18	9	4	35	15	3.49E+00	1.01E+00	6.87E+00	2.81E+00	2.08E-01	4.19E+00	5.36E-01	
90	40	18	9	4	18	6	1.27E-03	3.22E-04	7.02E-04	7.67E-04	6.79E-05	2.00E-03	2.70E-04	
90	40	18	9	4	20	7	2.26E-03	5.62E-04	7.12E-04	1.51E-03	1.11E-04	1.41E-03	1.50E-04	
90	40	18	9	4	22	8	4.14E-03	9.51E-04	2.82E-03	3.06E-03	1.96E-04	4.16E-03	3.88E-04	
90	40	18	9	4	24	9	6.48E-03	1.51E-03	4.18E-03	6.35E-03	3.72E-04	4.80E-03	4.27E-04	
90	40	18	9	4	26	10	1.25E-02	2.87E-03	1.61E-02	1.32E-02	7.50E-04	1.50E-02	1.33E-03	
90	40	18	9	4	28	11	2.30E-02	5.50E-03	2.35E-02	2.74E-02	1.58E-03	1.84E-02	1.67E-03	
90	40	18	9	4	30	12	5.05E-02	1.20E-02	9.84E-02	5.61E-02	3.41E-03	6.66E-02	6.36E-03	
90	40	18	9	4	32	13	8.26E-02	2.12E-02	1.25E-01	1.13E-01	7.34E-03	7.44E-02	7.74E-03	
90	40	18	9	4	34	14	2.11E-01	5.61E-02	7.71E-01	2.22E-01	1.55E-02	4.12E-01	4.81E-02	
90	40	18	9	4	36	15	3.14E-01	9.29E-02	1.19E+00	4.12E-01	3.12E-02	5.72E-01	7.67E-02	
90	40	18	9	4	21	7	1.75E-04	3.79E-05	1.12E-04	9.38E-05	7.80E-06	2.16E-04	2.48E-05	
90	40	18	9	4	23	8	1.08E-04	2.24E-05	1.27E-04	2.09E-04	1.47E-05	1.76E-04	1.79E-05	
90	40	18	9	4	25	9	4.43E-04	9.46E-05	7.99E-04	4.72E-04	2.97E-05	8.38E-04	8.07E-05	
90	40	18	9	4	27	10	2.79E-04	5.77E-05	8.55E-04	1.07E-03	6.40E-05	7.06E-04	6.73E-05	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
90	40	18	9	4	29	11	3.36E-03	8.33E-04	5.02E-03	2.38E-03	1.44E-04	3.37E-03	3.29E-04	
90	40	18	9	4	31	12	3.77E-03	9.25E-04	5.98E-03	5.22E-03	3.29E-04	3.36E-03	3.46E-04	
90	40	18	9	4	33	13	1.54E-02	4.11E-03	3.90E-02	1.11E-02	7.41E-04	1.87E-02	2.09E-03	
90	40	18	9	4	35	14	1.42E-02	4.06E-03	6.17E-02	2.28E-02	1.63E-03	2.56E-02	3.22E-03	
90	40	18	9	4	37	15	7.75E-02	2.46E-02	3.13E-01	4.27E-02	3.39E-03	1.12E-01	1.64E-02	
90	40	18	9	4	24	8	5.83E-06	1.28E-06	2.66E-05	1.20E-05	1.02E-06	3.31E-05	3.70E-06	
90	40	18	9	4	26	9	2.04E-05	4.06E-06	2.31E-05	2.94E-05	2.21E-06	2.10E-05	2.24E-06	
90	40	18	9	4	28	10	8.15E-05	1.88E-05	1.48E-04	7.12E-05	5.02E-06	1.03E-04	1.09E-05	
90	40	18	9	4	30	11	1.53E-04	3.24E-05	1.91E-04	1.69E-04	1.16E-05	1.05E-04	1.14E-05	
90	40	18	9	4	32	12	5.47E-04	1.34E-04	1.25E-03	3.91E-04	2.70E-05	5.52E-04	6.35E-05	
90	40	18	9	4	34	13	8.77E-04	2.41E-04	2.13E-03	8.65E-04	6.14E-05	7.78E-04	9.76E-05	
90	40	18	9	4	36	14	2.20E-03	6.80E-04	1.45E-02	1.79E-03	1.37E-04	4.39E-03	6.22E-04	
90	40	18	9	4	38	15	2.71E-03	1.04E-03	1.69E-02	3.25E-03	2.88E-04	4.22E-03	7.05E-04	
90	40	18	9	4	29	10	1.35E-06	2.47E-07	3.80E-06	4.07E-06	3.55E-07	2.11E-06	2.56E-07	
90	40	18	9	4	31	11	2.18E-05	5.69E-06	2.75E-05	1.02E-05	8.36E-07	1.16E-05	1.46E-06	
90	40	18	9	4	33	12	1.56E-05	3.85E-06	4.06E-05	2.43E-05	1.92E-06	1.34E-05	1.79E-06	
90	40	18	9	4	35	13	1.24E-04	3.78E-05	3.94E-04	5.44E-05	4.33E-06	1.03E-04	1.51E-05	
90	40	18	9	4	37	14	6.88E-05	2.52E-05	5.91E-04	1.10E-04	9.63E-06	1.23E-04	2.05E-05	
90	40	18	9	4	39	15	3.06E-05	1.25E-05	5.79E-04	1.85E-04	1.99E-05	9.79E-05	1.96E-05	
90	40	18	9	4	34	12	1.51E-06	3.96E-07	5.70E-06	1.26E-06	1.17E-07	1.33E-06	2.12E-07	
90	40	18	9	4	36	13	2.52E-06	8.12E-07	1.13E-05	2.77E-06	2.60E-07	2.00E-06	3.53E-07	
90	40	18	9	4	38	14	1.61E-06	6.61E-07	2.28E-05	5.28E-06	5.74E-07	3.19E-06	6.48E-07	
[30]	71.6	70	32	58	28	55	29	6.70E-08	2.30E-08	6.81E-06	6.31E-08	1.66E-08	3.13E-08	1.12E-08
	71.6	70	32	58	28	56	29	8.50E-07	4.90E-08	1.83E-04	1.36E-06	3.05E-07	6.67E-07	2.49E-07
	71.6	70	32	58	28	57	29	4.90E-06	5.10E-07	4.84E-03	1.87E-05	4.79E-06	1.42E-05	5.85E-06
	71.6	70	32	58	28	58	29	8.00E-05	2.70E-05	1.08E-01	1.47E-04	4.84E-05	2.61E-04	1.23E-04
	71.6	70	32	58	28	56	30	4.70E-09	1.80E-09	4.08E-07	1.63E-09	5.23E-10	2.76E-09	8.51E-10
	71.6	70	32	58	28	57	30	1.70E-07	8.50E-09	8.90E-06	4.62E-08	9.19E-09	4.76E-08	1.25E-08
	71.6	70	32	58	28	58	30	1.30E-06	1.20E-07	2.03E-04	1.01E-06	1.62E-07	8.75E-07	2.16E-07
	71.6	70	32	58	28	59	30	2.10E-05	1.60E-06	4.90E-03	1.47E-05	2.93E-06	1.74E-05	4.66E-06
	71.6	70	32	58	28	60	30	1.10E-04	3.60E-05	9.33E-02	1.26E-04	3.48E-05	2.80E-04	8.95E-05
	71.6	70	32	58	28	60	31	4.50E-07	5.00E-08	7.46E-05	7.60E-07	1.17E-07	4.30E-07	1.03E-07
	71.6	70	32	58	28	61	31	4.40E-06	1.50E-06	1.67E-03	1.16E-05	2.19E-06	8.14E-06	1.97E-06
	71.6	70	32	58	28	60	32	2.90E-09	1.70E-09	1.45E-07	8.54E-10	2.80E-10	1.80E-09	7.16E-10
	71.6	70	32	58	28	61	32	6.70E-08	1.40E-08	2.68E-06	2.26E-08	5.63E-09	2.75E-08	9.47E-09
	71.6	70	32	58	28	62	32	4.50E-07	4.50E-08	5.47E-05	4.96E-07	1.15E-07	4.75E-07	1.50E-07
	71.6	70	32	58	28	63	32	9.60E-06	3.20E-06	1.11E-03	7.67E-06	1.92E-06	8.42E-06	2.67E-06
	71.6	70	32	58	28	64	33	3.10E-08	1.70E-08	1.11E-05	2.00E-07	7.27E-08	1.64E-07	6.93E-08
[21]	64	86	36	9	4	53	26	5.49E-02	1.95E-02	1.39E-01	6.36E-02	1.11E-02	1.65E-01	3.54E-02
	64	86	36	9	4	55	27	4.54E-02	1.09E-02	6.62E-02	5.55E-02	9.64E-03	1.04E-01	1.79E-02
	64	86	36	9	4	57	28	2.77E-02	5.26E-03	5.59E-02	4.70E-02	8.16E-03	1.16E-01	1.81E-02
	64	86	36	9	4	61	30	1.74E-02	4.37E-03	1.81E-02	2.87E-02	4.94E-03	6.25E-02	1.04E-02
	64	86	36	9	4	63	31	9.28E-03	2.89E-03	6.71E-03	1.99E-02	3.41E-03	2.90E-02	4.97E-03
	64	86	36	9	4	65	32	8.12E-03	1.84E-03	4.70E-03	1.24E-02	2.13E-03	2.50E-02	4.25E-03
	64	86	36	9	4	52	25	6.42E-01	8.53E-02	8.29E-01	5.13E-01	7.58E-02	6.22E-01	1.67E-01
	64	86	36	9	4	54	26	6.71E-01	1.40E-01	8.27E-01	5.07E-01	6.99E-02	8.16E-01	1.61E-01
	64	86	36	9	4	56	27	5.71E-01	1.27E-01	4.47E-01	4.91E-01	6.52E-02	5.79E-01	8.90E-02
	64	86	36	9	4	58	28	4.49E-01	6.96E-02	4.14E-01	4.61E-01	5.98E-02	7.00E-01	9.73E-02
	64	86	36	9	4	60	29	3.13E-01	4.28E-02	2.06E-01	4.12E-01	5.26E-02	4.47E-01	6.36E-02
	64	86	36	9	4	62	30	2.81E-01	6.74E-02	1.68E-01	3.45E-01	4.35E-02	4.65E-01	6.98E-02
	64	86	36	9	4	64	31	1.68E-01	4.28E-02	7.32E-02	2.65E-01	3.34E-02	2.52E-01	3.90E-02
	64	86	36	9	4	66	32	1.34E-01	3.35E-02	5.47E-02	1.82E-01	2.34E-02	2.30E-01	3.53E-02
	64	86	36	9	4	68	33	7.90E-02	1.39E-02	2.04E-02	1.09E-01	1.47E-02	1.03E-01	1.52E-02
	64	86	36	9	4	70	34	5.19E-02	9.66E-03	1.31E-02	5.47E-02	8.05E-03	7.83E-02	1.13E-02
	64	86	36	9	4	72	35	2.71E-02	8.00E-03	6.34E-03	2.17E-02	3.60E-03	4.42E-02	6.97E-03
	64	86	36	9	4	74	36	9.44E-03	3.57E-03	2.41E-03	6.14E-03	1.19E-03	1.95E-02	3.97E-03
	64	86	36	9	4	53	25	2.11E+00	1.42E-01	2.82E+00	1.77E+00	2.33E-01	1.78E+00	4.46E-01
	64	86	36	9	4	55	26	2.49E+00	1.85E-01	2.48E+00	1.97E+00	2.27E-01	2.03E+00	3.69E-01
	64	86	36	9	4	57	27	2.99E+00	2.22E-01	1.96E+00	2.14E+00	2.25E-01	2.10E+00	2.91E-01
	64	86	36	9	4	59	28	2.74E+00	2.10E-01	1.70E+00	2.26E+00	2.21E-01	2.35E+00	2.93E-01
	64	86	36	9	4	61	29	2.26E+00	1.79E-01	1.09E+00	2.26E+00	2.12E-01	1.93E+00	2.47E-01
	64	86	36	9	4	63	30	2.23E+00	1.63E-01	9.25E-01	2.12E+00	1.94E-01	2.06E+00	2.81E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
64	86	36	9	4	65	31	1.64E+00	1.41E-01	4.93E-01	1.83E+00	1.68E-01	1.36E+00	1.92E-01	
64	86	36	9	4	67	32	1.47E+00	1.22E-01	3.90E-01	1.42E+00	1.35E-01	1.31E+00	1.83E-01	
64	86	36	9	4	69	33	8.70E-01	7.15E-02	1.73E-01	9.71E-01	1.00E-01	6.97E-01	9.32E-02	
64	86	36	9	4	71	34	6.22E-01	4.66E-02	1.18E-01	5.61E-01	6.57E-02	5.63E-01	7.44E-02	
64	86	36	9	4	73	35	3.50E-01	9.94E-02	5.50E-02	2.59E-01	3.55E-02	3.09E-01	4.65E-02	
64	86	36	9	4	75	36	1.79E-01	5.95E-02	2.31E-02	8.52E-02	1.42E-02	1.51E-01	3.07E-02	
64	86	36	9	4	54	25	3.23E+00	2.09E-01	4.40E+00	3.19E+00	3.99E-01	2.33E+00	5.52E-01	
64	86	36	9	4	56	26	4.97E+00	3.46E-01	5.77E+00	4.00E+00	4.16E-01	3.95E+00	6.67E-01	
64	86	36	9	4	58	27	5.94E+00	4.17E-01	4.23E+00	4.90E+00	4.39E-01	3.75E+00	4.75E-01	
64	86	36	9	4	60	28	7.62E+00	5.49E-01	4.89E+00	5.82E+00	4.64E-01	5.56E+00	6.26E-01	
64	86	36	9	4	62	29	7.35E+00	5.37E-01	3.28E+00	6.58E+00	4.84E-01	4.73E+00	5.52E-01	
64	86	36	9	4	64	30	9.03E+00	6.59E-01	3.39E+00	6.98E+00	4.89E-01	6.13E+00	7.67E-01	
64	86	36	9	4	66	31	7.50E+00	5.54E-01	1.97E+00	6.85E+00	4.77E-01	4.39E+00	5.68E-01	
64	86	36	9	4	68	32	7.62E+00	5.42E-01	1.85E+00	6.09E+00	4.46E-01	5.04E+00	6.43E-01	
64	86	36	9	4	70	33	5.23E+00	3.57E-01	9.03E-01	4.79E+00	3.94E-01	2.95E+00	3.61E-01	
64	86	36	9	4	72	34	4.30E+00	3.05E-01	9.52E-01	3.23E+00	3.12E-01	3.70E+00	4.55E-01	
64	86	36	9	4	74	35	2.35E+00	1.67E-01	3.23E-01	1.76E+00	2.05E-01	1.48E+00	2.17E-01	
64	86	36	9	4	76	36	1.42E+00	1.09E-01	1.40E-01	6.89E-01	1.00E-01	7.55E-01	1.54E-01	
64	86	36	9	4	55	25	3.18E+00	2.18E-01	6.33E+00	3.31E+00	4.04E-01	2.83E+00	6.37E-01	
64	86	36	9	4	57	26	4.40E+00	3.05E-01	5.71E+00	4.67E+00	4.65E-01	3.28E+00	5.20E-01	
64	86	36	9	4	59	27	7.20E+00	4.83E-01	8.00E+00	6.44E+00	5.39E-01	5.89E+00	6.93E-01	
64	86	36	9	4	61	28	9.85E+00	6.68E-01	6.94E+00	8.61E+00	6.28E-01	6.52E+00	6.76E-01	
64	86	36	9	4	63	29	1.24E+01	8.67E-01	7.83E+00	1.10E+01	7.30E-01	9.28E+00	1.00E+00	
64	86	36	9	4	65	30	1.65E+01	1.14E+00	6.64E+00	1.32E+01	8.33E-01	9.83E+00	1.14E+00	
64	86	36	9	4	67	31	1.75E+01	1.22E+00	6.08E+00	1.48E+01	9.21E-01	1.11E+01	1.33E+00	
64	86	36	9	4	69	32	1.90E+01	1.36E+00	4.91E+00	1.51E+01	9.87E-01	1.09E+01	1.29E+00	
64	86	36	9	4	71	33	1.64E+01	1.11E+00	3.49E+00	1.39E+01	1.01E+00	9.34E+00	1.06E+00	
64	86	36	9	4	73	34	1.39E+01	9.55E-01	3.07E+00	1.10E+01	9.41E-01	9.80E+00	1.14E+00	
64	86	36	9	4	75	35	1.04E+01	8.16E-01	1.40E+00	7.20E+00	7.36E-01	5.31E+00	7.70E-01	
64	86	36	9	4	77	36	6.15E+00	4.89E-01	5.57E-01	3.36E+00	4.35E-01	2.51E+00	5.21E-01	
64	86	36	9	4	56	25	1.66E+00	1.34E-01	3.21E+00	2.20E+00	2.63E-01	1.21E+00	2.62E-01	
64	86	36	9	4	58	26	3.13E+00	2.19E-01	6.14E+00	3.47E+00	3.38E-01	2.97E+00	4.49E-01	
64	86	36	9	4	60	27	4.80E+00	3.28E-01	5.93E+00	5.36E+00	4.39E-01	3.65E+00	4.06E-01	
64	86	36	9	4	62	28	8.69E+00	5.85E-01	1.02E+01	8.04E+00	5.81E-01	7.92E+00	7.74E-01	
64	86	36	9	4	64	29	1.16E+01	7.86E-01	8.52E+00	1.16E+01	7.77E-01	8.36E+00	8.52E-01	
64	86	36	9	4	66	30	1.88E+01	1.25E+00	1.25E+01	1.58E+01	1.03E+00	1.53E+01	1.67E+00	
64	86	36	9	4	68	31	2.22E+01	1.48E+00	9.09E+00	2.01E+01	1.31E+00	1.37E+01	1.55E+00	
64	86	36	9	4	70	32	2.71E+01	1.78E+00	1.18E+01	2.37E+01	1.60E+00	2.17E+01	2.40E+00	
64	86	36	9	4	72	33	2.34E+01	1.61E+00	8.41E+00	2.54E+01	1.87E+00	1.86E+01	1.99E+00	
64	86	36	9	4	74	34	2.92E+01	2.12E+00	8.31E+00	2.40E+01	1.98E+00	2.21E+01	2.49E+00	
64	86	36	9	4	76	35	2.23E+01	1.65E+00	3.71E+00	1.88E+01	1.80E+00	1.18E+01	1.72E+00	
64	86	36	9	4	78	36	1.58E+01	1.14E+00	1.90E+00	1.05E+01	1.25E+00	7.23E+00	1.53E+00	
64	86	36	9	4	57	25	9.05E-01	7.44E-02	2.32E+00	1.03E+00	1.21E-01	7.45E-01	1.56E-01	
64	86	36	9	4	59	26	1.57E+00	1.17E-01	2.68E+00	1.81E+00	1.73E-01	1.09E+00	1.60E-01	
64	86	36	9	4	61	27	2.96E+00	2.06E-01	5.62E+00	3.11E+00	2.51E-01	2.91E+00	3.13E-01	
64	86	36	9	4	63	28	5.10E+00	3.59E-01	5.64E+00	5.21E+00	3.79E-01	3.68E+00	3.48E-01	
64	86	36	9	4	65	29	8.67E+00	5.81E-01	1.08E+01	8.41E+00	5.84E-01	8.85E+00	8.70E-01	
64	86	36	9	4	67	30	1.34E+01	8.87E-01	9.93E+00	1.29E+01	8.95E-01	1.01E+01	1.06E+00	
64	86	36	9	4	69	31	1.96E+01	1.32E+00	1.53E+01	1.88E+01	1.32E+00	1.91E+01	2.07E+00	
64	86	36	9	4	71	32	2.48E+01	1.59E+00	1.34E+01	2.56E+01	1.87E+00	2.05E+01	2.16E+00	
64	86	36	9	4	73	33	3.07E+01	1.92E+00	1.64E+01	3.20E+01	2.49E+00	3.04E+01	3.10E+00	
64	86	36	9	4	75	34	3.19E+01	2.06E+00	1.27E+01	3.59E+01	3.04E+00	2.85E+01	3.15E+00	
64	86	36	9	4	77	35	3.18E+01	2.30E+00	9.48E+00	3.37E+01	3.17E+00	2.56E+01	3.79E+00	
64	86	36	9	4	79	36	2.55E+01	2.13E+00	4.01E+00	2.24E+01	2.55E+00	1.30E+01	2.84E+00	
64	86	36	9	4	58	25	3.57E-01	1.01E-01	7.41E-01	3.73E-01	4.29E-02	2.03E-01	4.14E-02	
64	86	36	9	4	60	26	7.04E-01	6.46E-02	1.79E+00	7.20E-01	6.74E-02	6.18E-01	8.89E-02	
64	86	36	9	4	62	27	1.32E+00	9.64E-02	2.12E+00	1.37E+00	1.09E-01	9.25E-01	9.86E-02	
64	86	36	9	4	64	28	2.53E+00	1.77E-01	4.76E+00	2.55E+00	1.83E-01	2.61E+00	2.45E-01	
64	86	36	9	4	66	29	4.68E+00	3.24E-01	5.33E+00	4.59E+00	3.22E-01	3.67E+00	3.56E-01	
64	86	36	9	4	68	30	7.76E+00	5.34E-01	1.06E+01	7.94E+00	5.66E-01	9.03E+00	9.30E-01	
64	86	36	9	4	70	31	1.32E+01	7.73E-01	1.05E+01	1.31E+01	9.66E-01	1.11E+01	1.16E+00	
64	86	36	9	4	72	32	2.03E+01	1.19E+00	1.79E+01	2.05E+01	1.58E+00	2.31E+01	2.35E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
64	86	36	9	4	74	33	2.51E+01	1.56E+00	1.58E+01	3.00E+01	2.46E+00	2.49E+01	2.46E+00	
64	86	36	9	4	76	34	3.23E+01	2.17E+00	2.22E+01	3.99E+01	3.50E+00	4.26E+01	4.72E+00	
64	86	36	9	4	78	35	3.24E+01	2.44E+00	1.36E+01	4.49E+01	4.27E+00	3.14E+01	4.77E+00	
64	86	36	9	4	80	36	3.10E+01	2.60E+00	9.48E+00	3.51E+01	3.96E+00	2.63E+01	5.91E+00	
64	86	36	9	4	59	25	1.13E-01	5.19E-02	3.90E-01	1.11E-01	1.28E-02	9.12E-02	1.83E-02	
64	86	36	9	4	61	26	2.38E-01	4.37E-02	5.12E-01	2.35E-01	2.19E-02	1.51E-01	2.16E-02	
64	86	36	9	4	63	27	5.42E-01	4.59E-02	1.37E+00	4.90E-01	3.83E-02	5.07E-01	5.46E-02	
64	86	36	9	4	65	28	1.06E+00	9.08E-02	1.68E+00	1.01E+00	7.07E-02	7.83E-01	7.47E-02	
64	86	36	9	4	67	29	2.30E+00	1.72E-01	4.07E+00	2.01E+00	1.38E-01	2.37E+00	2.31E-01	
64	86	36	9	4	69	30	3.83E+00	2.68E-01	4.66E+00	3.90E+00	2.76E-01	3.37E+00	3.45E-01	
64	86	36	9	4	71	31	6.98E+00	4.28E-01	1.07E+01	7.29E+00	5.40E-01	9.60E+00	9.90E-01	
64	86	36	9	4	73	32	1.12E+01	7.00E-01	1.02E+01	1.31E+01	1.02E+00	1.13E+01	1.12E+00	
64	86	36	9	4	75	33	1.69E+01	1.09E+00	2.06E+01	2.23E+01	1.87E+00	2.79E+01	2.72E+00	
64	86	36	9	4	77	34	2.27E+01	2.29E+00	1.96E+01	3.53E+01	3.16E+00	3.22E+01	3.62E+00	
64	86	36	9	4	79	35	3.09E+01	2.63E+00	2.51E+01	4.73E+01	4.58E+00	5.00E+01	7.86E+00	
64	86	36	9	4	81	36	3.45E+01	4.61E+00	1.32E+01	4.29E+01	4.92E+00	3.11E+01	7.26E+00	
64	86	36	9	4	60	25	2.49E-02	6.49E-03	8.69E-02	2.86E-02	3.43E-03	1.75E-02	3.49E-03	
64	86	36	9	4	62	26	4.06E-02	6.09E-03	2.58E-01	6.56E-02	6.33E-03	6.51E-02	9.40E-03	
64	86	36	9	4	64	27	1.69E-01	1.45E-02	3.64E-01	1.50E-01	1.18E-02	1.15E-01	1.28E-02	
64	86	36	9	4	66	28	3.43E-01	2.53E-02	1.03E+00	3.38E-01	2.35E-02	4.08E-01	4.02E-02	
64	86	36	9	4	68	29	7.90E-01	6.53E-02	1.33E+00	7.47E-01	4.99E-02	6.63E-01	6.61E-02	
64	86	36	9	4	70	30	1.56E+00	1.28E-01	3.56E+00	1.62E+00	1.11E-01	2.21E+00	2.28E-01	
64	86	36	9	4	72	31	3.17E+00	2.34E-01	3.73E+00	3.42E+00	2.46E-01	2.88E+00	2.95E-01	
64	86	36	9	4	74	32	6.95E+00	3.85E-01	9.57E+00	7.03E+00	5.41E-01	9.10E+00	8.97E-01	
64	86	36	9	4	76	33	9.52E+00	6.17E-01	1.22E+01	1.40E+01	1.16E+00	1.43E+01	1.40E+00	
64	86	36	9	4	78	34	1.81E+01	1.34E+00	2.58E+01	2.61E+01	2.35E+00	3.67E+01	4.25E+00	
64	86	36	9	4	80	35	2.16E+01	1.27E+00	2.47E+01	4.14E+01	4.09E+00	4.21E+01	6.92E+00	
64	86	36	9	4	82	36	3.81E+01	4.25E+00	2.57E+01	4.29E+01	5.11E+00	5.07E+01	1.23E+01	
64	86	36	9	4	63	26	1.65E-02	3.52E-03	5.55E-02	1.63E-02	1.67E-03	1.20E-02	1.77E-03	
64	86	36	9	4	65	27	4.74E-02	1.31E-02	1.71E-01	4.05E-02	3.36E-03	4.66E-02	5.35E-03	
64	86	36	9	4	67	28	9.34E-02	2.11E-02	2.60E-01	1.00E-01	7.06E-03	8.88E-02	9.16E-03	
64	86	36	9	4	69	29	2.60E-01	1.98E-02	7.93E-01	2.44E-01	1.60E-02	3.40E-01	3.50E-02	
64	86	36	9	4	71	30	6.21E-01	4.31E-02	1.11E+00	5.89E-01	3.88E-02	5.94E-01	6.23E-02	
64	86	36	9	4	73	31	1.53E+00	1.18E-01	2.75E+00	1.40E+00	9.69E-02	1.84E+00	1.90E-01	
64	86	36	9	4	75	32	3.08E+00	1.78E-01	4.05E+00	3.31E+00	2.45E-01	3.35E+00	3.32E-01	
64	86	36	9	4	77	33	6.69E+00	4.56E-01	1.18E+01	7.67E+00	6.24E-01	1.19E+01	1.19E+00	
64	86	36	9	4	79	34	1.13E+01	9.92E-01	1.58E+01	1.69E+01	1.52E+00	1.94E+01	2.36E+00	
64	86	36	9	4	81	35	2.17E+01	1.46E+00	3.68E+01	3.12E+01	3.20E+00	5.29E+01	9.19E+00	
64	86	36	9	4	64	26	4.36E-03	2.02E-03	2.06E-02	3.66E-03	4.07E-04	3.87E-03	5.84E-04	
64	86	36	9	4	66	27	1.00E-02	3.65E-03	3.39E-02	9.88E-03	8.83E-04	8.01E-03	9.65E-04	
64	86	36	9	4	68	28	2.50E-02	6.50E-03	1.23E-01	2.67E-02	1.98E-03	3.65E-02	3.97E-03	
64	86	36	9	4	70	29	8.28E-02	1.68E-02	1.89E-01	7.19E-02	4.78E-03	7.05E-02	7.57E-03	
64	86	36	9	4	72	30	2.14E-01	1.58E-02	5.06E-01	1.93E-01	1.25E-02	2.36E-01	2.55E-02	
64	86	36	9	4	74	31	4.76E-01	3.54E-02	8.90E-01	5.19E-01	3.45E-02	5.19E-01	5.46E-02	
64	86	36	9	4	76	32	1.04E+00	6.19E-02	3.07E+00	1.40E+00	1.00E-01	2.22E+00	2.24E-01	
64	86	36	9	4	78	33	2.79E+00	2.37E-01	5.38E+00	3.77E+00	3.02E-01	4.73E+00	4.95E-01	
64	86	36	9	4	80	34	6.62E+00	5.36E-01	1.63E+01	9.70E+00	8.91E-01	1.70E+01	2.21E+00	
64	86	36	9	4	65	26	7.63E-04	5.37E-04	3.09E-03	7.49E-04	9.04E-05	5.06E-04	7.90E-05	
64	86	36	9	4	67	27	2.96E-03	1.43E-03	1.31E-02	2.20E-03	2.13E-04	2.71E-03	3.44E-04	
64	86	36	9	4	69	28	4.75E-03	1.81E-03	2.22E-02	6.48E-03	5.17E-04	5.75E-03	6.61E-04	
64	86	36	9	4	71	29	1.77E-02	5.58E-03	8.78E-02	1.93E-02	1.34E-03	2.87E-02	3.23E-03	
64	86	36	9	4	73	30	5.02E-02	1.55E-02	1.25E-01	5.76E-02	3.76E-03	5.12E-02	5.72E-03	
64	86	36	9	4	75	31	1.61E-01	1.26E-02	5.24E-01	1.75E-01	1.15E-02	2.68E-01	2.91E-02	
64	86	36	9	4	77	32	4.47E-01	4.25E-02	1.09E+00	5.39E-01	3.83E-02	6.83E-01	7.20E-02	
64	86	36	9	4	79	33	1.62E+00	1.46E-01	4.14E+00	1.68E+00	1.37E-01	3.13E+00	3.50E-01	
64	86	36	9	4	81	34	4.65E+00	8.77E-01	8.01E+00	5.05E+00	4.86E-01	6.97E+00	9.85E-01	
64	86	36	9	4	68	27	5.05E-04	2.79E-04	1.86E-03	4.45E-04	4.66E-05	3.37E-04	4.53E-05	
64	86	36	9	4	70	28	1.65E-03	6.80E-04	8.15E-03	1.44E-03	1.24E-04	1.86E-03	2.27E-04	
64	86	36	9	4	72	29	3.91E-03	1.46E-03	1.22E-02	4.71E-03	3.49E-04	3.51E-03	4.17E-04	
64	86	36	9	4	74	30	1.65E-02	6.40E-03	5.80E-02	1.57E-02	1.08E-03	2.09E-02	2.45E-03	
64	86	36	9	4	76	31	4.87E-02	6.55E-03	1.43E-01	5.38E-02	3.66E-03	6.43E-02	7.31E-03	
64	86	36	9	4	78	32	1.52E-01	2.08E-02	6.45E-01	1.90E-01	1.40E-02	3.52E-01	3.94E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
64	86	36	9	4	80	33	7.10E-01	7.22E-02	1.45E+00	6.86E-01	5.89E-02	9.23E-01	1.13E-01	
64	86	36	9	4	82	34	2.46E+00	5.88E-01	6.40E+00	2.37E+00	2.50E-01	4.47E+00	6.99E-01	
64	86	36	9	4	69	27	8.90E-05	4.39E-05	5.48E-04	8.16E-05	9.15E-06	8.77E-05	1.25E-05	
64	86	36	9	4	71	28	1.88E-04	7.82E-05	1.17E-03	2.89E-04	2.69E-05	2.36E-04	3.07E-05	
64	86	36	9	4	73	29	1.00E-03	3.05E-04	4.51E-03	1.05E-03	8.41E-05	1.15E-03	1.45E-04	
64	86	36	9	4	75	30	2.39E-03	6.24E-04	1.21E-02	3.90E-03	2.88E-04	3.86E-03	4.77E-04	
64	86	36	9	4	77	31	1.50E-02	2.02E-03	6.83E-02	1.51E-02	1.11E-03	2.67E-02	3.23E-03	
64	86	36	9	4	79	32	6.16E-02	8.07E-03	1.69E-01	6.09E-02	4.89E-03	7.84E-02	9.54E-03	
64	86	36	9	4	81	33	2.80E-01	2.98E-02	8.27E-01	2.53E-01	2.41E-02	4.31E-01	5.88E-02	
64	86	36	9	4	83	34	1.12E+00	3.22E-01	2.21E+00	9.93E-01	1.19E-01	1.17E+00	2.06E-01	
64	86	36	9	4	72	28	4.01E-05	2.20E-05	2.33E-04	5.22E-05	5.25E-06	4.19E-05	5.85E-06	
64	86	36	9	4	74	29	2.02E-04	5.91E-05	7.13E-04	2.10E-04	1.85E-05	1.61E-04	2.17E-05	
64	86	36	9	4	76	30	8.77E-04	3.10E-04	4.63E-03	8.74E-04	7.18E-05	1.29E-03	1.71E-04	
64	86	36	9	4	78	31	3.49E-03	1.00E-03	1.39E-02	3.81E-03	3.17E-04	4.67E-03	6.09E-04	
64	86	36	9	4	80	32	2.00E-02	5.94E-03	7.53E-02	1.75E-02	1.61E-03	2.90E-02	3.92E-03	
64	86	36	9	4	82	33	9.64E-02	2.88E-02	1.57E-01	8.30E-02	9.20E-03	6.35E-02	9.88E-03	
64	86	36	9	4	84	34	7.53E-01	2.04E-01	1.26E+00	3.65E-01	5.13E-02	4.73E-01	9.52E-02	
64	86	36	9	4	75	29	2.56E-05	1.07E-05	2.17E-04	3.73E-05	3.69E-06	4.34E-05	6.27E-06	
64	86	36	9	4	77	30	1.68E-04	7.05E-05	7.56E-04	1.74E-04	1.65E-05	1.83E-04	2.61E-05	
64	86	36	9	4	79	31	9.06E-04	5.30E-04	4.92E-03	8.56E-04	8.36E-05	1.39E-03	1.99E-04	
64	86	36	9	4	81	32	3.78E-03	9.06E-04	1.03E-02	4.46E-03	4.89E-04	3.17E-03	4.84E-04	
64	86	36	9	4	83	33	3.33E-02	7.87E-03	5.06E-02	2.38E-02	3.15E-03	1.51E-02	2.73E-03	
64	86	36	9	4	76	29	4.18E-06	1.39E-06	2.80E-05	5.80E-06	6.71E-07	4.89E-06	7.64E-07	
64	86	36	9	4	78	30	3.61E-05	8.83E-06	2.20E-04	3.02E-05	3.43E-06	4.54E-05	7.05E-06	
64	86	36	9	4	80	31	2.21E-04	9.77E-05	5.34E-04	1.67E-04	1.99E-05	1.23E-04	1.96E-05	
64	86	36	9	4	82	32	1.24E-03	2.27E-04	2.09E-03	9.81E-04	1.32E-04	4.88E-04	8.59E-05	
64	86	36	9	4	77	29	4.60E-07	1.57E-07	6.81E-06	7.76E-07	1.09E-07	1.02E-06	1.74E-07	
64	86	36	9	4	79	30	5.52E-06	1.47E-06	1.97E-05	4.51E-06	6.37E-07	3.36E-06	5.76E-07	
64	86	36	9	4	81	31	2.38E-05	5.43E-06	8.86E-05	2.78E-05	4.16E-06	1.59E-05	2.88E-06	
64	86	36	9	4	78	29	8.79E-08	2.36E-08	5.09E-07	8.74E-08	1.55E-08	6.39E-08	1.19E-08	
64	86	36	9	4	80	30	1.06E-06	3.52E-07	2.96E-06	5.63E-07	1.01E-07	4.04E-07	7.73E-08	
64	86	36	9	4	79	29	1.47E-08	7.23E-09	7.22E-08	8.13E-09	1.84E-09	7.44E-09	1.53E-09	
[21]	64	86	36	181	73	52	1.12E+01	7.85E-01	2.49E+00	8.99E+00	2.30E+00	1.91E+01	5.17E+00	
	64	86	36	181	73	54	8.77E+00	6.45E-01	2.26E+00	5.74E+00	1.23E+00	1.68E+01	3.96E+00	
	64	86	36	181	73	56	5.70E+00	5.46E-01	1.11E+00	3.81E+00	7.05E-01	7.78E+00	1.66E+00	
	64	86	36	181	73	58	4.23E+00	4.80E-01	9.43E-01	2.59E+00	4.34E-01	5.99E+00	1.22E+00	
	64	86	36	181	73	53	2.65E+01	1.88E+00	8.08E+00	2.53E+01	4.87E+00	4.25E+01	1.08E+01	
	64	86	36	181	73	55	2.27E+01	1.56E+00	6.47E+00	1.81E+01	2.76E+00	3.21E+01	6.81E+00	
	64	86	36	181	73	57	1.76E+01	1.14E+00	4.67E+00	1.34E+01	1.73E+00	2.13E+01	3.91E+00	
	64	86	36	181	73	59	1.21E+01	8.42E-01	3.70E+00	1.02E+01	1.24E+00	1.52E+01	2.58E+00	
	64	86	36	181	73	61	8.51E+00	5.68E-01	2.16E+00	7.79E+00	9.73E-01	7.89E+00	1.33E+00	
	64	86	36	181	73	63	7.81E+00	6.21E-01	1.67E+00	5.87E+00	7.80E-01	5.48E+00	9.56E-01	
	64	86	36	181	73	71	1.54E+00	2.45E-01	1.47E-01	9.64E-01	1.62E-01	5.19E-01	1.46E-01	
	64	86	36	181	73	54	3.15E+01	2.17E+00	1.20E+01	3.96E+01	6.28E+00	4.35E+01	1.08E+01	
	64	86	36	181	73	56	3.24E+01	2.16E+00	1.44E+01	3.16E+01	3.78E+00	4.80E+01	9.55E+00	
	64	86	36	181	73	58	2.78E+01	1.70E+00	9.62E+00	2.61E+01	2.63E+00	2.90E+01	4.79E+00	
	64	86	36	181	73	60	2.45E+01	1.60E+00	1.01E+01	2.21E+01	2.21E+00	2.73E+01	4.03E+00	
	64	86	36	181	73	62	1.88E+01	1.31E+00	6.20E+00	1.88E+01	2.04E+00	1.49E+01	2.14E+00	
	64	86	36	181	73	64	1.74E+01	1.06E+00	5.85E+00	1.57E+01	1.86E+00	1.29E+01	1.89E+00	
	64	86	36	181	73	66	1.02E+01	1.33E+00	3.09E+00	1.28E+01	1.60E+00	6.43E+00	1.00E+00	
	64	86	36	181	73	68	8.53E+00	1.02E+00	2.66E+00	9.77E+00	1.27E+00	5.57E+00	9.36E-01	
	64	86	36	181	73	70	5.60E+00	8.25E-01	1.18E+00	6.86E+00	9.13E-01	2.71E+00	5.14E-01	
	64	86	36	181	73	72	4.05E+00	6.32E-01	1.14E+00	4.22E+00	5.90E-01	3.18E+00	7.22E-01	
	64	86	36	181	73	74	2.22E+00	3.86E-01	3.51E-01	2.12E+00	3.30E-01	1.37E+00	3.90E-01	
	64	86	36	181	73	55	2.53E+01	1.93E+00	1.65E+01	3.75E+01	5.76E+00	4.14E+01	1.03E+01	
	64	86	36	181	73	57	2.29E+01	1.54E+00	1.36E+01	3.32E+01	3.88E+00	3.08E+01	6.09E+00	
	64	86	36	181	73	59	2.68E+01	1.74E+00	1.74E+01	3.03E+01	3.05E+00	3.52E+01	5.65E+00	
	64	86	36	181	73	61	2.59E+01	1.67E+00	1.37E+01	2.84E+01	2.83E+00	2.49E+01	3.53E+00	
	64	86	36	181	73	63	2.45E+01	1.55E+00	1.41E+01	2.67E+01	2.83E+00	2.31E+01	3.21E+00	
	64	86	36	181	73	65	2.29E+01	1.39E+00	1.09E+01	2.49E+01	2.78E+00	1.67E+01	2.38E+00	
	64	86	36	181	73	67	2.06E+01	1.61E+00	9.13E+00	2.25E+01	2.57E+00	1.36E+01	2.01E+00	
	64	86	36	181	73	69	1.79E+01	2.06E+00	6.72E+00	1.94E+01	2.19E+00	1.05E+01	1.59E+00	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
64	86	36	181	73	71	33	1.30E+01	1.60E+00	4.36E+00	1.55E+01	1.73E+00	7.89E+00	1.26E+00	
64	86	36	181	73	73	34	9.19E+00	1.40E+00	3.50E+00	1.10E+01	1.27E+00	8.17E+00	1.52E+00	
64	86	36	181	73	75	35	5.40E+00	4.88E-01	1.45E+00	6.43E+00	8.67E-01	4.97E+00	1.20E+00	
64	86	36	181	73	77	36	3.06E+00	4.15E-01	5.28E-01	2.63E+00	4.74E-01	3.00E+00	9.88E-01	
64	86	36	181	73	56	25	1.29E+01	9.01E-01	8.00E+00	2.36E+01	3.91E+00	1.40E+01	3.67E+00	
64	86	36	181	73	58	26	1.68E+01	1.43E+00	1.40E+01	2.29E+01	3.02E+00	2.18E+01	4.55E+00	
64	86	36	181	73	60	27	1.75E+01	1.59E+00	1.23E+01	2.29E+01	2.65E+00	1.71E+01	2.94E+00	
64	86	36	181	73	62	28	2.05E+01	1.30E+00	1.92E+01	2.35E+01	2.60E+00	2.39E+01	3.75E+00	
64	86	36	181	73	64	29	2.11E+01	1.35E+00	1.47E+01	2.43E+01	2.70E+00	1.68E+01	2.65E+00	
64	86	36	181	73	66	30	2.33E+01	1.62E+00	1.96E+01	2.50E+01	2.76E+00	2.15E+01	3.53E+00	
64	86	36	181	73	68	31	2.04E+01	1.18E+00	1.30E+01	2.52E+01	2.70E+00	1.45E+01	2.42E+00	
64	86	36	181	73	70	32	2.19E+01	1.49E+00	1.55E+01	2.43E+01	2.48E+00	1.90E+01	3.09E+00	
64	86	36	181	73	72	33	1.78E+01	1.97E+00	1.00E+01	2.21E+01	2.16E+00	1.49E+01	2.34E+00	
64	86	36	181	73	74	34	1.53E+01	2.53E+00	9.04E+00	1.81E+01	1.87E+00	1.83E+01	3.03E+00	
64	86	36	181	73	76	35	9.72E+00	7.16E-01	3.68E+00	1.23E+01	1.61E+00	1.13E+01	2.44E+00	
64	86	36	181	73	78	36	6.43E+00	7.13E-01	1.72E+00	5.86E+00	1.10E+00	8.84E+00	2.76E+00	
64	86	36	181	73	57	25	5.98E+00	8.07E-01	5.53E+00	1.07E+01	1.98E+00	6.84E+00	1.93E+00	
64	86	36	181	73	59	26	7.69E+00	1.81E+00	5.82E+00	1.12E+01	1.73E+00	6.37E+00	1.46E+00	
64	86	36	181	73	61	27	1.31E+01	4.39E+00	1.11E+01	1.22E+01	1.66E+00	1.08E+01	2.14E+00	
64	86	36	181	73	63	28	1.09E+01	3.06E+00	1.02E+01	1.36E+01	1.73E+00	8.99E+00	1.69E+00	
64	86	36	181	73	65	29	1.90E+01	5.91E+00	1.78E+01	1.53E+01	1.86E+00	1.48E+01	2.87E+00	
64	86	36	181	73	67	30	1.71E+01	1.08E+00	1.49E+01	1.73E+01	2.00E+00	1.22E+01	2.48E+00	
64	86	36	181	73	69	31	1.81E+01	1.21E+00	2.09E+01	1.92E+01	2.08E+00	1.81E+01	3.72E+00	
64	86	36	181	73	71	32	1.86E+01	1.67E+00	1.67E+01	2.07E+01	2.10E+00	1.67E+01	3.27E+00	
64	86	36	181	73	73	33	2.02E+01	3.33E+00	1.86E+01	2.13E+01	2.12E+00	2.37E+01	4.18E+00	
64	86	36	181	73	75	34	1.96E+01	3.63E+00	1.32E+01	2.01E+01	2.25E+00	2.36E+01	3.95E+00	
64	86	36	181	73	77	35	1.38E+01	1.53E+00	8.98E+00	1.60E+01	2.36E+00	2.47E+01	5.17E+00	
64	86	36	181	73	79	36	9.28E+00	2.12E+00	3.47E+00	8.73E+00	1.87E+00	1.53E+01	4.86E+00	
64	86	36	181	73	66	29	1.26E+01	2.40E+00	8.39E+00	7.12E+00	9.83E-01	5.21E+00	1.26E+00	
64	86	36	181	73	68	30	1.05E+01	8.36E-01	1.52E+01	8.72E+00	1.13E+00	9.63E+00	2.43E+00	
64	86	36	181	73	70	31	1.31E+01	1.51E+00	1.38E+01	1.06E+01	1.29E+00	9.66E+00	2.44E+00	
64	86	36	181	73	72	32	1.34E+01	1.00E+00	2.13E+01	1.28E+01	1.49E+00	1.80E+01	4.29E+00	
64	86	36	181	73	74	33	2.36E+01	5.28E+00	1.72E+01	1.48E+01	1.79E+00	1.90E+01	3.97E+00	
64	86	36	181	73	76	34	1.88E+01	3.48E+00	2.21E+01	1.61E+01	2.26E+00	3.49E+01	6.47E+00	
64	86	36	181	73	78	35	1.72E+01	2.15E+00	1.23E+01	1.48E+01	2.73E+00	2.89E+01	6.48E+00	
64	86	36	181	73	80	36	1.22E+00	2.48E+00	7.82E+00	9.20E+00	2.37E+00	2.66E+01	9.24E+00	
64	86	36	181	73	71	31	9.61E+00	1.71E+00	1.34E+01	4.51E+00	6.58E-01	7.84E+00	2.38E+00	
64	86	36	181	73	73	32	9.18E+00	1.68E+00	1.17E+01	5.99E+00	8.73E-01	8.49E+00	2.40E+00	
64	86	36	181	73	75	33	1.13E+01	1.16E+00	2.14E+01	7.85E+00	1.23E+00	2.08E+01	5.05E+00	
64	86	36	181	73	77	34	1.49E+01	3.69E+00	1.85E+01	9.74E+00	1.79E+00	2.51E+01	5.31E+00	
[31]	60	48	20	181	73	30	3.96E-03	1.03E-04	2.35E-03	6.98E-03	1.66E-03	2.56E-03	6.27E-04	
	60	48	20	181	73	31	9.20E-04	3.76E-05	6.16E-04	8.33E-04	2.11E-04	6.35E-04	1.52E-04	
	60	48	20	181	73	31	1.32E-02	2.67E-04	4.65E-02	1.04E-01	1.72E-02	5.74E-02	1.40E-02	
	60	48	20	181	73	32	1.64E-02	1.56E-04	1.68E-02	1.51E-02	2.46E-03	1.96E-02	4.65E-03	
	60	48	20	181	73	33	1.45E-03	3.59E-05	1.03E-03	1.99E-03	3.30E-04	1.16E-03	2.67E-04	
	60	48	20	181	73	34	1.76E-04	1.33E-05	2.85E-04	2.39E-04	4.21E-05	3.12E-04	6.98E-05	
	60	48	20	181	73	33	1.35E-01	8.53E-04	3.02E-01	2.06E-01	3.24E-02	4.12E-01	9.89E-02	
	60	48	20	181	73	34	3.00E-02	1.79E-04	2.80E-02	3.37E-02	4.58E-03	3.70E-02	8.62E-03	
	60	48	20	181	73	35	8.56E-03	7.00E-05	9.18E-03	4.94E-03	6.04E-04	1.18E-02	2.64E-03	
	60	48	20	181	73	36	6.66E-04	1.97E-05	5.74E-04	6.53E-04	7.69E-05	6.98E-04	1.48E-04	
	60	48	20	181	73	37	1.18E-04	1.01E-05	1.51E-04	7.77E-05	9.69E-06	1.62E-04	3.22E-05	
	60	48	20	181	73	35	4.98E-01	3.34E-03	4.06E-01	4.21E-01	7.64E-02	6.50E-01	1.56E-01	
	60	48	20	181	73	36	9.48E-02	3.53E-04	1.66E-01	7.78E-02	1.17E-02	2.59E-01	5.94E-02	
	60	48	20	181	73	37	1.15E-02	7.42E-05	1.76E-02	1.28E-02	1.61E-03	2.60E-02	5.58E-03	
	60	48	20	181	73	38	3.44E-03	3.76E-05	5.06E-03	1.88E-03	2.05E-04	6.48E-03	1.27E-03	
	60	48	20	181	73	39	1.4E-04	1.05E-05	3.41E-04	2.47E-04	2.51E-05	3.27E-04	5.84E-05	
	60	48	20	181	73	40	5.02E-05	6.48E-06	8.86E-05	2.86E-05	3.10E-06	5.09E-05	8.71E-06	
	60	48	20	181	73	41	2.24E-06	1.00E-06	4.78E-06	2.88E-06	3.72E-07	1.21E-06	2.27E-07	
	60	48	20	181	73	42	7.60E-07	2.00E-07	8.15E-07	2.46E-07	4.00E-08	6.91E-08	1.58E-08	
	60	48	20	181	73	43	1.89E-08	8.00E-09	2.23E-08	1.75E-08	3.65E-09	7.58E-10	2.14E-10	
	60	48	20	181	73	44	7.08E-10	3.00E-10	2.84E-09	1.02E-09	2.72E-10	4.18E-10	1.51E-10	
	60	48	20	181	73	38	15	6.18E-01	2.15E-03	3.16E-01	1.89E-01	3.35E-02	5.92E-01	1.35E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	60	48	20	181	73	39	15	6.76E-02	2.07E-04	1.14E-01	3.50E-02	5.28E-03	1.82E-01	3.78E-02
	60	48	20	181	73	40	15	8.36E-03	5.16E-05	1.36E-02	5.78E-03	7.57E-04	1.56E-02	2.92E-03
	60	48	20	181	73	41	15	1.73E-03	2.48E-05	4.43E-03	8.42E-04	1.00E-04	2.79E-03	4.87E-04
	60	48	20	181	73	42	15	1.18E-04	7.69E-06	3.85E-04	1.07E-04	1.26E-05	9.30E-05	1.69E-05
	60	48	20	181	73	43	15	3.38E-05	1.00E-05	7.76E-05	1.15E-05	1.48E-06	5.03E-06	1.06E-06
	60	48	20	181	73	44	15	5.00E-07	1.00E-07	3.25E-06	1.02E-06	1.56E-07	6.11E-08	1.54E-08
	60	48	20	181	73	45	15	1.49E-08	1.00E-08	2.24E-07	7.38E-08	1.40E-08	1.15E-08	3.66E-09
	60	48	20	181	73	46	15	1.25E-09	1.00E-09	1.97E-07	4.20E-09	1.03E-09	1.28E-06	8.93E-07
	60	48	20	181	73	41	16	4.82E-01	1.59E-03	2.86E-01	1.03E-01	1.81E-02	4.03E-01	8.88E-02
	60	48	20	181	73	42	16	3.74E-02	1.32E-04	1.22E-01	1.90E-02	3.05E-03	8.56E-02	1.79E-02
	60	48	20	181	73	43	16	3.30E-03	3.13E-05	1.52E-02	3.06E-03	4.66E-04	3.49E-03	7.40E-04
	60	48	20	181	73	44	16	4.80E-04	1.14E-05	3.62E-03	4.19E-04	6.37E-05	1.74E-04	3.98E-05
	60	48	20	181	73	45	17	2.82E-02	9.99E-05	9.46E-02	1.12E-02	2.16E-03	3.23E-03	9.11E-04
	60	48	20	181	73	46	17	3.86E-04	8.86E+00	5.84E-03	1.61E-03	3.19E-04	2.63E-05	7.63E-06
[32]	57	40	18	9	4	22	12	5.07E-03	3.08E-04	1.56E-01	5.34E-03	1.00E-03	2.55E-02	6.55E-03
	57	40	18	9	4	24	13	2.02E-03	1.88E-04	7.06E-02	4.67E-03	8.23E-04	1.40E-02	3.23E-03
	57	40	18	9	4	26	14	3.59E-03	2.38E-04	1.05E-01	4.20E-03	7.07E-04	2.45E-02	4.99E-03
	57	40	18	9	4	28	15	3.36E-03	1.90E-04	4.82E-02	3.88E-03	6.40E-04	1.30E-02	2.32E-03
	57	40	18	9	4	30	16	1.91E-03	1.17E-04	6.43E-02	3.64E-03	6.02E-04	1.95E-02	3.17E-03
	57	40	18	9	4	32	17	1.41E-03	3.37E-04	2.56E-02	3.31E-03	5.51E-04	8.49E-03	1.39E-03
	57	40	18	9	4	34	18	6.15E-04	4.17E-04	2.84E-02	2.46E-03	4.15E-04	9.99E-03	1.85E-03
	57	40	18	9	4	17	9	5.62E-02	1.18E-02	8.95E-01	2.15E-01	3.69E-02	1.23E-01	3.29E-02
	57	40	18	9	4	19	10	9.15E-02	1.02E-02	2.18E+00	1.90E-01	2.87E-02	3.47E-01	8.47E-02
	57	40	18	9	4	21	11	7.41E-02	3.70E-03	9.23E-01	1.73E-01	2.30E-02	1.72E-01	3.89E-02
	57	40	18	9	4	23	12	1.26E-01	3.85E-03	2.02E+00	1.60E-01	1.90E-02	4.42E-01	9.10E-02
	57	40	18	9	4	25	13	8.81E-02	2.55E-03	8.64E-01	1.52E-01	1.63E-02	2.19E-01	4.01E-02
	57	40	18	9	4	27	14	1.58E-01	2.67E-03	1.46E+00	1.48E-01	1.49E-02	4.20E-01	6.79E-02
	57	40	18	9	4	29	15	7.42E-02	1.43E-03	6.69E-01	1.48E-01	1.47E-02	2.12E-01	3.08E-02
	57	40	18	9	4	31	16	9.45E-02	1.24E-03	9.90E-01	1.51E-01	1.51E-02	3.40E-01	4.79E-02
	57	40	18	9	4	33	17	2.75E-02	6.40E-04	3.84E-01	1.46E-01	1.52E-02	1.39E-01	2.15E-02
	57	40	18	9	4	35	18	2.98E-02	9.40E-04	4.47E-01	1.10E-01	1.23E-02	1.67E-01	3.07E-02
	57	40	18	9	4	37	19	8.87E-03	1.89E-04	6.55E-02	4.16E-02	5.17E-03	2.47E-02	5.58E-03
	57	40	18	9	4	39	20	1.85E-03	1.54E-04	9.72E-03	3.26E-03	5.18E-04	3.61E-03	1.01E-03
	57	40	18	9	4	18	9	7.30E-01	1.02E-02	4.15E+00	1.51E+00	1.97E-01	8.43E-01	1.93E-01
	57	40	18	9	4	20	10	2.64E+00	2.09E-02	7.86E+00	1.49E+00	1.65E-01	1.76E+00	3.55E-01
	57	40	18	9	4	22	11	1.87E+00	1.64E-02	5.05E+00	1.50E+00	1.43E-01	1.26E+00	2.31E-01
	57	40	18	9	4	24	12	5.05E+00	2.45E-02	8.79E+00	1.55E+00	1.28E-01	2.46E+00	4.04E-01
	57	40	18	9	4	26	13	2.97E+00	1.63E-02	5.21E+00	1.62E+00	1.22E-01	1.61E+00	2.35E-01
	57	40	18	9	4	28	14	7.55E+00	2.48E-02	8.08E+00	1.75E+00	1.27E-01	2.71E+00	3.54E-01
	57	40	18	9	4	30	15	2.14E+00	1.07E-02	4.93E+00	1.94E+00	1.41E-01	1.76E+00	2.18E-01
	57	40	18	9	4	32	16	3.77E+00	1.36E-02	6.42E+00	2.19E+00	1.66E-01	2.39E+00	3.11E-01
	57	40	18	9	4	34	17	1.29E+00	1.07E-02	3.46E+00	2.29E+00	1.91E-01	1.32E+00	1.99E-01
	57	40	18	9	4	36	18	1.97E+00	1.67E-02	3.07E+00	1.77E+00	1.72E-01	1.17E+00	2.15E-01
	57	40	18	9	4	38	19	4.04E-01	2.32E-03	5.19E-01	5.98E-01	7.02E-02	1.93E-01	4.38E-02
	57	40	18	9	4	40	20	5.41E-02	6.47E-04	4.03E-02	3.30E-02	5.29E-03	1.42E-02	3.96E-03
	57	40	18	9	4	19	9	2.93E+00	2.68E-02	9.20E+00	3.52E+00	3.88E-01	2.62E+00	5.31E-01
	57	40	18	9	4	21	10	6.60E+00	2.88E-02	8.50E+00	3.90E+00	3.64E-01	2.54E+00	4.37E-01
	57	40	18	9	4	23	11	1.01E+01	3.25E-02	1.41E+01	4.42E+00	3.55E-01	4.50E+00	6.79E-01
	57	40	18	9	4	25	12	1.25E+01	3.69E-02	1.34E+01	5.10E+00	3.69E-01	4.55E+00	6.11E-01
	57	40	18	9	4	27	13	1.88E+01	4.77E-02	1.74E+01	6.01E+00	4.16E-01	6.24E+00	7.50E-01
	57	40	18	9	4	29	14	2.15E+01	4.84E-02	1.79E+01	7.29E+00	5.06E-01	6.70E+00	7.48E-01
	57	40	18	9	4	31	15	1.95E+01	4.42E-02	1.91E+01	9.12E+00	6.54E-01	7.33E+00	8.29E-01
	57	40	18	9	4	33	16	1.83E+01	4.20E-02	1.94E+01	1.15E+01	8.76E-01	7.49E+00	9.48E-01
	57	40	18	9	4	35	17	1.49E+01	3.57E-02	1.67E+01	1.31E+01	1.13E+00	6.38E+00	9.64E-01
	57	40	18	9	4	37	18	1.26E+01	2.75E-02	1.12E+01	1.02E+01	1.06E+00	4.16E+00	7.66E-01
	57	40	18	9	4	39	19	5.68E+00	7.78E-02	3.18E+00	2.98E+00	3.77E-01	1.11E+00	2.50E-01
	57	40	18	9	4	41	20	1.86E-01	1.40E-03	1.26E-01	1.08E-01	1.91E-02	3.91E-02	1.08E-02
	57	40	18	9	4	20	9	2.94E+00	1.47E-02	3.05E+00	3.13E+00	3.19E-01	1.15E+00	2.18E-01
	57	40	18	9	4	22	10	7.96E+00	2.98E-02	7.29E+00	3.92E+00	3.40E-01	2.77E+00	4.27E-01
	57	40	18	9	4	24	11	7.72E+00	2.78E-02	7.44E+00	5.01E+00	3.81E-01	2.87E+00	3.79E-01
	57	40	18	9	4	26	12	1.56E+01	3.87E-02	1.55E+01	6.52E+00	4.59E-01	6.11E+00	7.12E-01
	57	40	18	9	4	28	13	1.55E+01	3.63E-02	1.60E+01	8.68E+00	6.01E-01	6.36E+00	6.78E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
57	40	18	9	4	30	14	3.31E+01	5.60E-02	2.96E+01	1.19E+01	8.42E-01	1.18E+01	1.22E+00	
57	40	18	9	4	32	15	2.51E+01	4.77E-02	2.68E+01	1.68E+01	1.24E+00	1.05E+01	1.16E+00	
57	40	18	9	4	34	16	4.34E+01	7.01E-02	4.30E+01	2.37E+01	1.87E+00	1.65E+01	2.09E+00	
57	40	18	9	4	36	17	2.98E+01	5.16E-02	3.14E+01	2.91E+01	2.63E+00	1.15E+01	1.73E+00	
57	40	18	9	4	38	18	5.43E+01	7.83E-02	3.74E+01	2.24E+01	2.44E+00	1.27E+01	2.32E+00	
57	40	18	9	4	40	19	7.18E+00	2.67E-02	1.39E+01	5.35E+00	7.19E-01	4.20E+00	9.37E-01	
57	40	18	9	4	42	20	2.87E-02	5.85E-04	4.56E-01	1.17E-01	2.31E-02	1.15E-01	3.18E-02	
57	40	18	9	4	21	9	1.80E+00	9.83E-03	1.50E+00	1.26E+00	1.26E-01	7.12E-01	1.32E-01	
57	40	18	9	4	23	10	1.74E+00	2.34E-03	1.72E+00	1.78E+00	1.52E-01	7.84E-01	1.17E-01	
57	40	18	9	4	25	11	3.81E+00	1.67E-02	4.41E+00	2.56E+00	1.93E-01	1.95E+00	2.46E-01	
57	40	18	9	4	27	12	4.84E+00	2.07E-02	5.21E+00	3.76E+00	2.63E-01	2.25E+00	2.51E-01	
57	40	18	9	4	29	13	9.15E+00	2.81E-02	1.28E+01	5.66E+00	3.89E-01	5.39E+00	5.61E-01	
57	40	18	9	4	31	14	1.21E+01	3.09E-02	1.40E+01	8.79E+00	6.14E-01	5.65E+00	5.90E-01	
57	40	18	9	4	33	15	1.87E+01	4.08E-02	3.20E+01	1.40E+01	1.01E+00	1.23E+01	1.39E+00	
57	40	18	9	4	35	16	2.69E+01	5.60E-02	3.17E+01	2.18E+01	1.70E+00	1.15E+01	1.47E+00	
57	40	18	9	4	37	17	4.40E+01	6.77E-02	6.59E+01	2.83E+01	2.55E+00	2.18E+01	3.28E+00	
57	40	18	9	4	39	18	7.08E+01	1.15E-01	7.02E+01	2.05E+01	2.26E+00	2.05E+01	3.69E+00	
57	40	18	9	4	22	9	2.16E-01	9.43E-04	2.11E-01	2.73E-01	2.77E-02	1.20E-01	2.28E-02	
57	40	18	9	4	24	10	4.71E-01	6.09E-04	6.56E-01	4.33E-01	3.76E-02	3.41E-01	5.20E-02	
57	40	18	9	4	26	11	5.21E-01	5.57E-03	8.50E-01	7.00E-01	5.36E-02	4.11E-01	5.30E-02	
57	40	18	9	4	28	12	1.36E+00	2.54E-03	2.54E+00	1.15E+00	8.17E-02	1.15E+00	1.33E-01	
57	40	18	9	4	30	13	1.70E+00	8.78E-03	3.20E+00	1.95E+00	1.34E-01	1.35E+00	1.48E-01	
57	40	18	9	4	32	14	3.96E+00	9.96E-03	9.25E+00	3.41E+00	2.34E-01	3.62E+00	3.99E-01	
57	40	18	9	4	34	15	5.42E+00	1.80E-02	1.10E+01	6.06E+00	4.29E-01	3.94E+00	4.62E-01	
57	40	18	9	4	36	16	2.03E+01	4.61E-02	3.28E+01	1.03E+01	7.87E-01	1.06E+01	1.37E+00	
57	40	18	9	4	38	17	2.47E+01	7.66E-02	4.21E+01	1.35E+01	1.22E+00	1.18E+01	1.77E+00	
57	40	18	9	4	23	9	2.83E-02	1.56E-04	5.15E-02	3.72E-02	3.97E-03	3.29E-02	6.54E-03	
57	40	18	9	4	25	10	4.26E-02	1.49E-04	7.44E-02	6.58E-02	6.04E-03	4.17E-02	6.73E-03	
57	40	18	9	4	27	11	1.46E-01	6.03E-04	2.98E-01	1.19E-01	9.60E-03	1.49E-01	2.06E-02	
57	40	18	9	4	29	12	1.13E-01	4.72E-04	3.68E-01	2.18E-01	1.62E-02	1.65E-01	2.07E-02	
57	40	18	9	4	31	13	4.19E-01	9.09E-04	1.43E+00	4.13E-01	2.93E-02	5.76E-01	6.87E-02	
57	40	18	9	4	33	14	4.84E-01	2.37E-03	1.69E+00	8.00E-01	5.62E-02	6.07E-01	7.20E-02	
57	40	18	9	4	35	15	1.80E+00	6.75E-03	7.17E+00	1.56E+00	1.13E-01	2.26E+00	2.78E-01	
57	40	18	9	4	37	16	3.64E+00	1.13E-02	1.03E+01	2.79E+00	2.21E-01	2.78E+00	3.70E-01	
57	40	18	9	4	39	17	2.61E+01	6.27E-02	4.33E+01	3.58E+00	3.40E-01	9.57E+00	1.45E+00	
57	40	18	9	4	41	18	1.86E+00	1.89E-02	2.38E+02	1.91E+00	2.34E-01	4.05E+01	7.60E+00	
57	40	18	9	4	24	9	2.13E-03	2.70E-04	3.88E-03	3.62E-03	4.23E-04	2.65E-03	5.54E-04	
57	40	18	9	4	26	10	4.81E-03	1.96E-04	1.52E-02	7.10E-03	7.18E-04	8.75E-03	1.51E-03	
57	40	18	9	4	28	11	1.13E-02	9.60E-05	2.28E-02	1.42E-02	1.27E-03	1.12E-02	1.68E-03	
57	40	18	9	4	30	12	2.93E-02	1.43E-04	9.75E-02	2.89E-02	2.35E-03	4.12E-02	5.69E-03	
57	40	18	9	4	32	13	4.62E-02	2.23E-04	1.26E-01	6.02E-02	4.63E-03	4.59E-02	6.04E-03	
57	40	18	9	4	34	14	1.28E-01	5.24E-04	7.97E-01	1.28E-01	9.66E-03	2.48E-01	3.21E-02	
57	40	18	9	4	36	15	2.03E-01	6.87E-04	1.25E+00	2.66E-01	2.10E-02	3.26E-01	4.30E-02	
57	40	18	9	4	38	16	1.61E+00	3.86E-03	4.64E+00	4.83E-01	4.30E-02	9.75E-01	1.38E-01	
57	40	18	9	4	40	17	1.37E+00	5.24E-03	1.19E+01	5.70E-01	6.26E-02	1.91E+00	3.15E-01	
57	40	18	9	4	25	9	8.70E-05	2.50E-05	7.51E-04	2.78E-04	3.69E-05	5.17E-04	1.14E-04	
57	40	18	9	4	27	10	4.33E-04	3.80E-05	8.20E-04	6.00E-04	6.93E-05	4.56E-04	8.49E-05	
57	40	18	9	4	29	11	1.40E-03	1.90E-05	4.92E-03	1.32E-03	1.34E-04	2.24E-03	3.71E-04	
57	40	18	9	4	31	12	1.84E-03	1.05E-04	5.98E-03	2.93E-03	2.71E-04	2.26E-03	3.46E-04	
57	40	18	9	4	33	13	7.64E-03	6.10E-05	3.98E-02	6.64E-03	5.76E-04	1.24E-02	1.82E-03	
57	40	18	9	4	35	14	9.58E-03	4.50E-05	6.45E-02	1.50E-02	1.29E-03	1.63E-02	2.36E-03	
57	40	18	9	4	37	15	5.29E-02	1.55E-04	3.34E-01	3.24E-02	2.98E-03	6.69E-02	9.87E-03	
57	40	18	9	4	39	16	5.93E-02	2.19E-04	4.14E-01	5.73E-02	6.18E-03	6.31E-02	1.02E-02	
57	40	18	9	4	41	17	1.96E-02	1.78E-03	6.41E-01	5.79E-02	7.98E-03	7.23E-02	1.42E-02	
57	40	18	9	4	30	11	6.50E-05	2.20E-05	1.89E-04	1.01E-04	1.19E-05	7.59E-05	1.39E-05	
57	40	18	9	4	32	12	2.53E-04	4.00E-06	1.26E-03	2.43E-04	2.60E-05	4.00E-04	6.91E-05	
57	40	18	9	4	34	13	4.94E-04	9.00E-06	2.21E-03	5.85E-04	5.87E-05	5.51E-04	9.23E-05	
57	40	18	9	4	36	14	1.67E-03	2.10E-05	1.53E-02	1.38E-03	1.40E-04	2.96E-03	4.94E-04	
57	40	18	9	4	38	15	1.80E-03	1.50E-05	1.82E-02	2.97E-03	3.34E-04	2.63E-03	4.59E-04	
57	40	18	9	4	40	16	1.25E-03	8.10E-05	1.61E-02	4.81E-03	6.62E-04	1.72E-03	3.43E-04	
57	40	18	9	4	35	13	8.00E-05	3.00E-06	4.12E-04	4.25E-05	4.99E-06	7.74E-05	1.51E-05	
57	40	18	9	4	37	14	4.90E-05	3.10E-05	6.30E-04	1.01E-04	1.24E-05	8.69E-05	1.74E-05	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	57	40	18	9	4	39	15	5.20E-05	2.00E-06	6.30E-04	2.07E-04	2.95E-05	6.40E-05	1.40E-05
[32]	57	40	18	181	73	17	9	2.63E-01	1.58E-02	3.37E+00	1.18E+00	1.80E-01	1.30E+00	4.11E-01
	57	40	18	181	73	19	10	4.10E-01	1.13E-02	7.31E+00	9.87E-01	1.27E-01	2.90E+00	7.45E-01
	57	40	18	181	73	21	11	3.83E-01	1.02E-02	2.75E+00	8.42E-01	9.98E-02	1.01E+00	2.26E-01
	57	40	18	181	73	23	12	4.71E-01	8.10E-03	5.36E+00	7.24E-01	8.39E-02	1.70E+00	3.47E-01
	57	40	18	181	73	25	13	2.74E-01	5.86E-03	2.04E+00	6.24E-01	7.21E-02	5.36E-01	1.04E-01
	57	40	18	181	73	27	14	4.56E-01	6.67E-03	3.07E+00	5.36E-01	6.12E-02	6.69E-01	1.29E-01
	57	40	18	181	73	29	15	2.70E-01	9.27E-03	1.25E+00	4.56E-01	5.08E-02	2.34E-01	4.66E-02
	57	40	18	181	73	31	16	2.50E-01	5.49E-03	1.64E+00	3.74E-01	4.11E-02	2.84E-01	6.04E-02
	57	40	18	181	73	33	17	7.38E-02	2.45E-03	5.66E-01	2.73E-01	3.12E-02	9.91E-02	2.27E-02
	57	40	18	181	73	35	18	4.58E-02	1.51E-03	5.86E-01	1.42E-01	1.84E-02	1.12E-01	2.76E-02
	57	40	18	181	73	18	9	2.82E+00	2.68E-02	1.48E+01	5.82E+00	7.85E-01	6.06E+00	1.62E+00
	57	40	18	181	73	20	10	7.58E+00	4.23E-02	2.48E+01	5.55E+00	6.20E-01	1.04E+01	2.20E+00
	57	40	18	181	73	22	11	4.41E+00	3.48E-02	1.42E+01	5.36E+00	5.62E-01	5.51E+00	9.93E-01
	57	40	18	181	73	24	12	1.25E+01	5.88E-02	2.20E+01	5.19E+00	5.56E-01	7.50E+00	1.23E+00
	57	40	18	181	73	26	13	5.57E+00	3.80E-02	1.16E+01	5.02E+00	5.54E-01	3.41E+00	5.41E-01
	57	40	18	181	73	28	14	1.45E+01	5.63E-02	1.60E+01	4.84E+00	5.34E-01	4.14E+00	6.78E-01
	57	40	18	181	73	30	15	3.98E+00	2.55E-02	8.67E+00	4.61E+00	4.91E-01	2.08E+00	3.70E-01
	57	40	18	181	73	32	16	5.79E+00	3.57E-02	1.00E+01	4.24E+00	4.29E-01	2.41E+00	4.68E-01
	57	40	18	181	73	34	17	1.61E+00	1.71E-02	4.81E+00	3.39E+00	3.44E-01	1.24E+00	2.59E-01
	57	40	18	181	73	36	18	1.71E+00	1.17E-02	3.79E+00	1.83E+00	2.06E-01	1.09E+00	2.39E-01
	57	40	18	181	73	38	19	2.55E-01	4.22E-03	5.70E-01	3.73E-01	5.32E-02	1.68E-01	3.93E-02
	57	40	18	181	73	40	20	5.69E-02	1.13E-03	3.94E-02	1.02E-02	2.41E-03	9.02E-03	2.43E-03
	57	40	18	181	73	19	9	8.91E+00	2.64E-02	3.08E+01	1.06E+01	1.40E+00	1.36E+01	3.19E+00
	57	40	18	181	73	21	10	1.59E+01	6.28E-02	2.53E+01	1.15E+01	1.20E+00	1.13E+01	2.05E+00
	57	40	18	181	73	23	11	2.06E+01	7.09E-02	3.74E+01	1.27E+01	1.21E+00	1.56E+01	2.33E+00
	57	40	18	181	73	25	12	2.09E+01	6.68E-02	3.16E+01	1.39E+01	1.37E+00	1.20E+01	1.60E+00
	57	40	18	181	73	27	13	2.66E+01	7.34E-02	3.65E+01	1.52E+01	1.57E+00	1.25E+01	1.69E+00
	57	40	18	181	73	29	14	2.75E+01	8.11E-02	3.34E+01	1.66E+01	1.72E+00	1.08E+01	1.59E+00
	57	40	18	181	73	31	15	2.42E+01	8.18E-02	3.17E+01	1.79E+01	1.80E+00	1.02E+01	1.68E+00
	57	40	18	181	73	33	16	2.02E+01	6.36E-02	2.86E+01	1.85E+01	1.76E+00	9.74E+00	1.75E+00
	57	40	18	181	73	35	17	1.40E+01	4.53E-02	2.19E+01	1.63E+01	1.56E+00	8.19E+00	1.54E+00
	57	40	18	181	73	37	18	9.22E+00	3.60E-02	1.31E+01	8.98E+00	9.63E-01	5.10E+00	9.87E-01
	57	40	18	181	73	39	19	2.18E+00	1.28E-02	3.30E+00	1.61E+00	2.22E-01	1.06E+00	2.28E-01
	57	40	18	181	73	41	20	4.89E-02	1.70E-03	1.16E-01	2.93E-02	7.31E-03	1.80E-02	4.99E-03
	57	40	18	181	73	20	9	7.96E+00	3.31E-02	9.65E+00	8.21E+00	1.13E+00	4.60E+00	1.02E+00
	57	40	18	181	73	22	10	1.73E+01	5.59E-02	2.05E+01	1.02E+01	1.03E+00	9.89E+00	1.64E+00
	57	40	18	181	73	24	11	1.45E+01	5.02E-02	1.86E+01	1.27E+01	1.09E+00	8.61E+00	1.12E+00
	57	40	18	181	73	26	12	2.51E+01	6.89E-02	3.45E+01	1.58E+01	1.36E+00	1.51E+01	1.75E+00
	57	40	18	181	73	28	13	2.19E+01	6.51E-02	3.16E+01	1.96E+01	1.77E+00	1.32E+01	1.63E+00
	57	40	18	181	73	30	14	3.89E+01	8.73E-02	5.20E+01	2.41E+01	2.22E+00	2.17E+01	3.06E+00
	57	40	18	181	73	32	15	2.80E+01	7.34E-02	4.18E+01	2.95E+01	2.64E+00	1.84E+01	2.89E+00
	57	40	18	181	73	34	16	3.73E+01	8.88E-02	5.98E+01	3.42E+01	2.97E+00	2.86E+01	4.71E+00
	57	40	18	181	73	36	17	2.66E+01	6.76E-02	3.87E+01	3.28E+01	3.00E+00	1.94E+01	3.21E+00
	57	40	18	181	73	38	18	2.70E+01	3.32E-02	4.11E+01	1.80E+01	1.93E+00	1.80E+01	3.13E+00
	57	40	18	181	73	40	19	3.47E+00	1.11E-02	1.36E+01	2.69E+00	3.90E-01	3.29E+00	7.17E-01
	57	40	18	181	73	21	9	3.90E+00	1.53E-02	4.46E+00	3.21E+00	4.76E-01	2.34E+00	5.22E-01
	57	40	18	181	73	23	10	4.50E+00	1.95E-02	4.56E+00	4.52E+00	4.65E-01	2.45E+00	3.96E-01
	57	40	18	181	73	25	11	8.33E+00	2.93E-02	1.04E+01	6.36E+00	5.06E-01	5.51E+00	6.78E-01
	57	40	18	181	73	27	12	8.46E+00	3.29E-02	1.09E+01	8.89E+00	6.68E-01	5.70E+00	6.36E-01
	57	40	18	181	73	29	13	1.52E+01	4.79E-02	2.39E+01	1.24E+01	9.69E-01	1.26E+01	1.54E+00
	57	40	18	181	73	31	14	1.50E+01	5.29E-02	2.31E+01	1.72E+01	1.38E+00	1.28E+01	1.77E+00
	57	40	18	181	73	33	15	2.14E+01	6.47E-02	4.72E+01	2.36E+01	1.88E+00	2.83E+01	4.19E+00
	57	40	18	181	73	35	16	2.27E+01	7.23E-02	4.15E+01	3.05E+01	2.47E+00	2.62E+01	3.87E+00
	57	40	18	181	73	37	17	2.94E+01	7.55E-02	7.68E+01	3.10E+01	2.86E+00	4.40E+01	6.51E+00
	57	40	18	181	73	39	18	3.51E+01	4.80E-02	7.27E+01	1.63E+01	1.87E+00	2.59E+01	4.55E+00
	57	40	18	181	73	22	9	8.55E-01	4.03E-03	5.94E-01	7.45E-01	1.17E-01	3.49E-01	8.25E-02
	57	40	18	181	73	24	10	1.46E+00	7.07E-03	1.64E+00	1.18E+00	1.27E-01	1.00E+00	1.70E-01
	57	40	18	181	73	26	11	1.88E+00	8.73E-03	1.89E+00	1.85E+00	1.48E-01	1.18E+00	1.51E-01
	57	40	18	181	73	28	12	3.29E+00	1.24E-02	5.02E+00	2.88E+00	2.07E-01	3.24E+00	3.79E-01
	57	40	18	181	73	30	13	3.61E+00	1.35E-02	5.61E+00	4.46E+00	3.28E-01	3.83E+00	4.82E-01
	57	40	18	181	73	32	14	6.39E+00	1.95E-02	1.45E+01	6.90E+00	5.24E-01	1.07E+01	1.45E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
57	40	18	181	73	34	15	7.39E+00	2.31E-02	1.53E+01	1.05E+01	8.19E-01	1.19E+01	1.65E+00	
57	40	18	181	73	36	16	1.92E+01	2.03E-02	4.05E+01	1.48E+01	1.25E+00	2.96E+01	4.02E+00	
57	40	18	181	73	38	17	1.88E+01	2.55E-02	4.62E+01	1.55E+01	1.59E+00	2.31E+01	3.50E+00	
57	40	18	181	73	23	9	1.15E-01	1.28E-03	1.36E-01	1.18E-01	1.92E-02	9.20E-02	2.36E-02	
57	40	18	181	73	25	10	1.86E-01	1.06E-03	1.75E-01	2.06E-01	2.33E-02	1.26E-01	2.32E-02	
57	40	18	181	73	27	11	5.03E-01	1.88E-03	6.24E-01	3.58E-01	3.04E-02	4.75E-01	6.71E-02	
57	40	18	181	73	29	12	4.06E-01	2.64E-03	6.86E-01	6.14E-01	4.71E-02	5.60E-01	7.20E-02	
57	40	18	181	73	31	13	1.15E+00	5.58E-03	2.37E+00	1.05E+00	8.21E-02	2.10E+00	2.78E-01	
57	40	18	181	73	33	14	1.07E+00	5.65E-03	2.49E+00	1.77E+00	1.45E-01	2.35E+00	3.20E-01	
57	40	18	181	73	35	15	2.78E+00	9.34E-03	9.39E+00	2.95E+00	2.54E-01	8.53E+00	1.16E+00	
57	40	18	181	73	37	16	3.33E+00	1.27E-02	1.20E+01	4.39E+00	4.30E-01	8.04E+00	1.18E+00	
57	40	18	181	73	39	17	1.35E+01	2.67E-02	4.48E+01	4.55E+00	5.51E-01	1.29E+01	2.47E+00	
57	40	18	181	73	24	9	1.07E-02	1.73E-04	9.69E-03	1.42E-02	2.32E-03	7.68E-03	2.17E-03	
57	40	18	181	73	26	10	3.10E-02	3.38E-04	3.39E-02	2.73E-02	3.17E-03	2.94E-02	6.01E-03	
57	40	18	181	73	28	11	4.57E-02	6.32E-04	4.50E-02	5.15E-02	4.74E-03	4.27E-02	6.83E-03	
57	40	18	181	73	30	12	1.12E-01	6.27E-04	1.71E-01	9.61E-02	8.34E-03	1.78E-01	2.58E-02	
57	40	18	181	73	32	13	1.59E-01	6.66E-04	1.97E-01	1.77E-01	1.59E-02	2.20E-01	3.18E-02	
57	40	18	181	73	34	14	2.76E-01	1.28E-03	1.11E+00	3.24E-01	3.06E-02	1.22E+00	1.79E-01	
57	40	18	181	73	36	15	3.46E-01	1.72E-03	1.55E+00	5.71E-01	5.78E-02	1.35E+00	2.11E-01	
57	40	18	181	73	38	16	1.28E+00	3.97E-03	5.09E+00	8.72E-01	1.02E-01	2.21E+00	4.22E-01	
57	40	18	181	73	40	17	7.67E-01	1.16E-02	1.16E+01	8.47E-01	1.23E-01	1.10E+00	2.85E-01	
57	40	18	181	73	25	9	1.00E-03	4.80E-05	1.77E-03	1.42E-03	2.29E-04	1.69E-03	5.25E-04	
57	40	18	181	73	27	10	7.77E-04	3.20E-05	1.72E-03	2.95E-03	3.51E-04	1.84E-03	4.23E-04	
57	40	18	181	73	29	11	8.91E-03	1.07E-04	9.16E-03	5.99E-03	6.05E-04	1.09E-02	2.02E-03	
57	40	18	181	73	31	12	1.08E-02	1.34E-04	9.91E-03	1.19E-02	1.19E-03	1.29E-02	2.17E-03	
57	40	18	181	73	33	13	4.24E-02	2.27E-04	5.87E-02	2.34E-02	2.45E-03	7.71E-02	1.29E-02	
57	40	18	181	73	35	14	2.66E-02	1.40E-04	8.44E-02	4.51E-02	4.96E-03	9.28E-02	1.65E-02	
57	40	18	181	73	37	15	9.37E-02	3.87E-04	3.89E-01	8.22E-02	9.75E-03	2.41E-01	4.98E-02	
57	40	18	181	73	39	16	5.20E-02	3.77E-04	4.29E-01	1.23E-01	1.69E-02	7.51E-02	1.95E-02	
57	40	18	181	73	30	11	8.68E-04	4.50E-05	3.32E-04	5.90E-04	6.71E-05	4.92E-04	1.07E-04	
57	40	18	181	73	32	12	2.08E-03	4.90E-05	1.97E-03	1.24E-03	1.43E-04	3.02E-03	6.14E-04	
57	40	18	181	73	34	13	2.91E-03	5.00E-05	3.06E-03	2.53E-03	3.08E-04	4.13E-03	8.65E-04	
57	40	18	181	73	36	14	5.23E-03	6.10E-05	1.90E-02	5.01E-03	6.41E-04	1.61E-02	3.77E-03	
57	40	18	181	73	38	15	4.02E-03	9.40E-05	2.00E-02	9.12E-03	1.26E-03	5.95E-03	1.65E-03	
57	40	18	181	73	40	16	9.81E-04	4.00E-05	1.57E-02	1.28E-02	2.06E-03	6.85E-04	2.31E-04	
[33]	44	129	54	90	40	101	47	7.60E-01	3.80E-02	3.00E+00	9.78E-01	2.80E-01	3.65E+00	1.54E+00
	44	129	54	90	40	102	47	4.70E+00	2.35E-01	5.91E+00	3.15E+00	6.90E-01	6.55E+00	2.36E+00
	44	129	54	90	40	103	47	1.10E+01	5.50E-01	1.05E+01	7.10E+00	1.30E+00	1.09E+01	3.36E+00
	44	129	54	90	40	104	47	2.17E+01	1.09E+00	1.01E+01	1.16E+01	2.01E+00	1.01E+01	2.74E+00
	44	129	54	90	40	105	47	2.34E+01	1.17E+00	1.08E+01	1.43E+01	2.59E+00	1.06E+01	2.66E+00
	44	129	54	90	40	106	47	1.52E+01	7.60E-01	6.05E+00	1.37E+01	2.71E+00	5.99E+00	1.49E+00
	44	129	54	90	40	107	47	6.70E+00	3.35E-01	4.97E+00	1.05E+01	2.27E+00	5.10E+00	1.35E+00
	44	129	54	90	40	108	47	3.29E+00	1.65E-01	2.12E+00	6.54E+00	1.55E+00	2.31E+00	6.76E-01
	44	129	54	90	40	104	48	9.80E-01	3.92E-02	6.32E+00	3.18E+00	5.66E-01	7.23E+00	2.25E+00
	44	129	54	90	40	105	48	6.86E+00	2.74E-01	9.18E+00	7.55E+00	1.10E+00	9.90E+00	2.51E+00
	44	129	54	90	40	106	48	1.78E+01	7.12E-01	1.32E+01	1.28E+01	1.71E+00	1.38E+01	2.90E+00
	44	129	54	90	40	107	48	2.53E+01	1.01E+00	1.04E+01	1.62E+01	2.17E+00	1.08E+01	2.01E+00
	44	129	54	90	40	108	48	1.85E+01	7.40E-01	1.02E+01	1.58E+01	2.25E+00	1.08E+01	2.01E+00
	44	129	54	90	40	109	48	1.13E+01	4.52E-01	5.42E+00	1.22E+01	1.91E+00	5.98E+00	1.25E+00
	44	129	54	90	40	110	48	3.66E+00	1.46E-01	4.43E+00	7.67E+00	1.37E+00	5.24E+00	1.31E+00
	44	129	54	90	40	107	49	4.00E+00	1.60E-01	7.54E+00	6.94E+00	1.18E+00	8.46E+00	2.16E+00
	44	129	54	90	40	108	49	1.45E+01	5.80E-01	9.65E+00	1.23E+01	1.80E+00	1.06E+01	2.20E+00
	44	129	54	90	40	109	49	2.34E+01	9.36E-01	1.28E+01	1.60E+01	2.09E+00	1.40E+01	2.55E+00
	44	129	54	90	40	110	49	2.76E+01	1.10E+00	9.55E+00	1.60E+01	1.98E+00	1.08E+01	2.01E+00
	44	129	54	90	40	111	49	1.69E+01	6.76E-01	9.42E+00	1.26E+01	1.67E+00	1.12E+01	2.46E+00
	44	129	54	90	40	112	49	6.90E+00	2.76E-01	5.22E+00	7.99E+00	1.31E+00	6.76E+00	1.84E+00
	44	129	54	90	40	113	49	2.73E+00	1.09E-01	4.43E+00	4.18E+00	9.30E-01	6.40E+00	2.17E+00
	44	129	54	90	40	109	50	5.91E-01	2.36E-02	6.28E+00	5.33E+00	1.25E+00	7.36E+00	2.34E+00
	44	129	54	90	40	110	50	9.10E+00	3.64E-01	1.06E+01	9.89E+00	2.03E+00	1.22E+01	3.37E+00
	44	129	54	90	40	111	50	2.32E+01	9.28E-01	1.19E+01	1.34E+01	2.46E+00	1.39E+01	3.58E+00
	44	129	54	90	40	112	50	2.87E+01	1.15E+00	1.47E+01	1.38E+01	2.40E+00	1.80E+01	4.85E+00
	44	129	54	90	40	113	50	2.29E+01	9.16E-01	1.05E+01	1.12E+01	2.09E+00	1.37E+01	4.30E+00

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	44	129	54	90	40	114	50	9.50E+00	3.80E-01	1.04E+01	7.31E+00	1.69E+00	1.50E+01	5.74E+00
	44	129	54	90	40	115	50	3.18E+00	1.27E-01	5.73E+00	3.94E+00	1.23E+00	9.37E+00	4.45E+00
[33]	44	129	54	197	79	101	47	1.97E-01	9.85E-03	2.77E+00	3.96E-01	8.66E-02	2.07E+00	7.39E-01
	44	129	54	197	79	102	47	2.66E+00	1.33E-01	5.43E+00	1.61E+00	3.09E-01	3.89E+00	1.18E+00
	44	129	54	197	79	103	47	7.20E+00	3.60E-01	9.56E+00	4.30E+00	7.36E-01	6.84E+00	1.81E+00
	44	129	54	197	79	104	47	1.82E+01	9.10E-01	9.17E+00	7.81E+00	1.25E+00	6.84E+00	1.65E+00
	44	129	54	197	79	105	47	1.95E+01	9.75E-01	9.74E+00	1.01E+01	1.60E+00	7.92E+00	1.88E+00
	44	129	54	197	79	106	47	1.10E+01	5.50E-01	5.40E+00	9.71E+00	1.63E+00	5.01E+00	1.26E+00
	44	129	54	197	79	107	47	2.85E+00	1.43E-01	4.42E+00	7.11E+00	1.33E+00	4.87E+00	1.38E+00
	44	129	54	197	79	108	47	1.05E+00	5.25E-02	1.87E+00	4.07E+00	8.76E-01	2.57E+00	8.33E-01
	44	129	54	197	79	104	48	3.11E-01	1.24E-02	5.72E+00	1.38E+00	2.39E-01	2.74E+00	7.99E-01
	44	129	54	197	79	105	48	3.04E+00	1.22E-01	8.26E+00	3.93E+00	5.67E-01	4.13E+00	9.72E-01
	44	129	54	197	79	106	48	1.13E+01	4.52E-01	1.18E+01	7.57E+00	9.33E-01	6.46E+00	1.26E+00
	44	129	54	197	79	107	48	1.93E+01	7.72E-01	9.25E+00	1.03E+01	1.17E+00	5.80E+00	1.03E+00
	44	129	54	197	79	108	48	1.41E+01	5.64E-01	9.00E+00	1.03E+01	1.22E+00	6.78E+00	1.27E+00
	44	129	54	197	79	109	48	7.40E+00	2.96E-01	4.75E+00	7.83E+00	1.08E+00	4.50E+00	9.89E-01
	44	129	54	197	79	110	48	1.40E+00	5.60E-02	3.85E+00	4.62E+00	7.80E-01	4.77E+00	1.27E+00
	44	129	54	197	79	107	49	3.12E+00	1.25E-01	6.69E+00	3.39E+00	5.64E-01	2.64E+00	7.18E-01
	44	129	54	197	79	108	49	1.13E+01	4.52E-01	8.51E+00	6.97E+00	9.72E-01	3.88E+00	8.62E-01
	44	129	54	197	79	109	49	2.06E+01	8.24E-01	1.12E+01	1.00E+01	1.22E+00	6.19E+00	1.20E+00
	44	129	54	197	79	110	49	2.59E+01	1.04E+00	8.32E+00	1.06E+01	1.23E+00	5.85E+00	1.12E+00
	44	129	54	197	79	111	49	1.49E+01	5.96E-01	8.14E+00	8.37E+00	1.08E+00	7.59E+00	1.63E+00
	44	129	54	197	79	112	49	5.21E+00	2.08E-01	4.48E+00	5.14E+00	8.03E-01	5.75E+00	1.47E+00
	44	129	54	197	79	113	49	1.37E+00	5.48E-02	3.78E+00	2.49E+00	4.86E-01	6.87E+00	2.12E+00
	44	129	54	197	79	109	50	2.09E-01	8.36E-03	5.50E+00	2.69E+00	6.31E-01	1.97E+00	7.24E-01
	44	129	54	197	79	110	50	5.69E+00	2.28E-01	9.20E+00	5.93E+00	1.24E+00	4.04E+00	1.29E+00
	44	129	54	197	79	111	50	1.94E+01	7.76E-01	1.03E+01	9.12E+00	1.72E+00	5.80E+00	1.66E+00
	44	129	54	197	79	112	50	2.63E+01	1.05E+00	1.27E+01	1.02E+01	1.81E+00	9.63E+00	2.64E+00
	44	129	54	197	79	113	50	1.97E+01	7.88E-01	8.94E+00	8.54E+00	1.54E+00	9.50E+00	2.68E+00
	44	129	54	197	79	114	50	5.88E+00	2.35E-01	8.78E+00	5.52E+00	1.09E+00	1.34E+01	4.14E+00
	44	129	54	197	79	115	50	1.98E+00	7.92E-02	4.83E+00	2.81E+00	6.42E-01	1.07E+01	3.77E+00

TABLE III: Similar to TABLE.II, but for the all test cases.

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
[24]	128	40	18	9	4	23	9	6.88E-02	5.16E-02	5.83E-02	5.33E-02	3.07E-03	4.83E-02	3.98E-03
	128	40	18	9	4	24	9	5.96E-03	4.54E-03	4.32E-03	5.24E-03	2.87E-04	3.42E-03	2.90E-04
	128	40	18	9	4	25	9	5.10E-04	4.96E-04	8.22E-04	4.11E-04	2.20E-05	5.98E-04	5.36E-05
	128	40	18	9	4	26	9	3.05E-05	4.01E-05	2.36E-05	2.73E-05	1.63E-06	1.51E-05	1.48E-06
	128	40	18	9	4	27	9	1.80E-06	2.80E-06	3.53E-06	1.58E-06	1.21E-07	1.90E-06	2.10E-07
	128	40	18	9	4	28	9	#	#	8.58E-08	8.04E-08	8.02E-09	3.73E-08	4.77E-09
	128	40	18	9	4	29	9	#	#	6.97E-09	3.56E-09	4.51E-10	2.33E-09	3.52E-10
	128	40	18	9	4	30	9	#	#	6.47E-11	1.34E-10	2.10E-11	1.59E-11	2.86E-12
	128	40	18	9	4	31	9	#	#	1.13E-12	4.20E-12	7.99E-13	1.95E-13	4.20E-14
	128	40	18	9	4	28	11	1.71E-02	1.52E-02	2.38E-02	2.35E-02	1.27E-03	1.28E-02	1.01E-03
	128	40	18	9	4	29	11	3.57E-03	3.26E-03	5.05E-03	2.13E-03	1.17E-04	2.38E-03	1.94E-04
	128	40	18	9	4	30	11	2.56E-04	2.57E-04	1.91E-04	1.58E-04	9.87E-06	7.54E-05	6.71E-06
	128	40	18	9	4	31	11	3.46E-05	4.77E-05	2.74E-05	9.94E-06	7.68E-07	8.63E-06	8.80E-07
	128	40	18	9	4	32	11	1.05E-06	2.19E-06	5.40E-07	5.29E-07	5.10E-08	1.30E-07	1.58E-08
	128	40	18	9	4	33	11	8.86E-08	3.67E-08	6.81E-08	2.36E-08	2.75E-09	1.19E-08	1.76E-09
	128	40	18	9	4	34	11	#	#	5.93E-10	8.56E-10	1.18E-10	7.16E-11	1.31E-11
	128	40	18	9	4	35	11	#	#	6.98E-11	2.45E-11	4.01E-12	5.73E-12	1.28E-12
	128	40	18	9	4	36	11	#	#	2.76E-13	5.30E-13	1.09E-13	1.71E-14	4.59E-15
	128	40	18	9	4	37	11	#	#	7.23E-16	8.37E-15	2.37E-15	5.96E-17	1.86E-17
	128	40	18	9	4	38	11	#	#	7.13E-20	9.29E-17	3.86E-17	7.87E-20	3.57E-20
	128	40	18	9	4	39	11	#	#	1.04E-26	7.04E-19	4.39E-19	1.54E-21	2.51E-21
[21]	140	48	20	9	4	27	11	3.82E-01	2.33E-02	3.92E-01	4.00E-01	3.23E-02	5.49E-01	4.06E-02
	140	48	20	9	4	28	11	5.96E-02	5.22E-03	4.87E-02	7.42E-02	6.76E-03	6.71E-02	5.06E-03
	140	48	20	9	4	29	11	1.57E-02	1.87E-03	1.63E-02	1.15E-02	1.12E-03	2.14E-02	1.67E-03
	140	48	20	9	4	30	11	1.84E-03	1.83E-04	1.07E-03	1.59E-03	1.62E-04	1.28E-03	1.04E-04

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	140	48	20	9	4	31	11	3.05E-04	5.07E-05	2.91E-04	2.04E-04	2.19E-05	3.09E-04	2.65E-05
	140	48	20	9	4	32	11	#	#	1.21E-05	2.44E-05	2.89E-06	1.10E-05	1.00E-06
	140	48	20	9	4	33	11	#	#	3.52E-06	2.74E-06	3.78E-07	2.61E-06	2.58E-07
	140	48	20	9	4	34	11	#	#	7.40E-08	2.84E-07	4.79E-08	4.35E-08	4.74E-09
	140	48	20	9	4	35	11	#	#	2.25E-08	2.66E-08	5.66E-09	1.00E-08	1.23E-09
	140	48	20	9	4	36	11	#	#	3.53E-10	2.20E-09	5.99E-10	1.14E-10	1.62E-11
	140	48	20	9	4	37	11	#	#	1.44E-11	1.56E-10	5.48E-11	3.23E-12	5.38E-13
	140	48	20	9	4	38	11	#	#	4.82E-13	9.35E-12	4.19E-12	7.23E-14	1.42E-14
	140	48	20	9	4	39	11	#	#	1.35E-14	4.59E-13	2.62E-13	1.31E-15	3.04E-16
	140	48	20	9	4	31	12	2.30E-02	2.61E-03	2.20E-02	2.94E-02	2.57E-03	2.48E-02	1.93E-03
	140	48	20	9	4	32	12	6.20E-03	5.07E-04	8.26E-03	4.61E-03	4.21E-04	8.36E-03	6.80E-04
	140	48	20	9	4	33	12	4.98E-04	8.35E-05	5.24E-04	6.65E-04	6.43E-05	4.60E-04	3.93E-05
	140	48	20	9	4	34	12	8.06E-05	1.42E-05	1.51E-04	8.93E-05	9.57E-06	1.11E-04	1.00E-05
	140	48	20	9	4	35	12	#	#	5.22E-06	1.12E-05	1.40E-06	3.08E-06	2.99E-07
	140	48	20	9	4	36	12	#	#	1.27E-06	1.28E-06	1.98E-07	5.76E-07	6.16E-08
	140	48	20	9	4	37	12	#	#	2.64E-08	1.32E-07	2.57E-08	8.89E-09	1.07E-09
	140	48	20	9	4	38	12	#	#	5.03E-09	1.19E-08	2.98E-09	1.19E-09	1.67E-10
	140	48	20	9	4	39	12	#	#	1.57E-10	9.12E-10	2.94E-10	2.52E-11	4.17E-12
	140	48	20	9	4	40	12	#	#	6.75E-12	5.76E-11	2.40E-11	7.09E-13	1.40E-13
	140	48	20	9	4	41	12	#	#	2.59E-13	2.92E-12	1.57E-12	1.89E-14	4.35E-15
[21]	140	64	28	9	4	48	20	5.48E-02	3.97E-03	1.34E-01	5.98E-02	3.08E-03	7.80E-02	4.90E-03
	140	64	28	9	4	49	20	6.64E-03	5.24E-04	1.96E-02	9.10E-03	4.98E-04	1.01E-02	6.49E-04
	140	64	28	9	4	50	20	6.76E-04	1.08E-04	4.10E-03	1.18E-03	7.11E-05	1.81E-03	1.21E-04
	140	64	28	9	4	51	20	6.14E-05	1.17E-05	3.91E-04	1.33E-04	8.99E-06	1.46E-04	1.02E-05
	140	64	28	9	4	52	20	5.01E-06	9.38E-07	6.29E-05	1.29E-05	1.02E-06	1.94E-05	1.45E-06
	140	64	28	9	4	53	20	#	#	3.55E-06	1.08E-06	1.05E-07	8.85E-07	7.27E-08
	140	64	28	9	4	54	20	#	#	5.10E-07	7.54E-08	9.95E-09	1.00E-07	9.32E-09
	140	64	28	9	4	55	20	#	#	2.07E-08	4.36E-09	8.11E-10	3.13E-09	3.36E-10
	140	64	28	9	4	56	20	#	#	2.40E-09	2.03E-10	5.36E-11	2.70E-10	3.42E-11
	140	64	28	9	4	57	20	#	#	5.79E-11	7.51E-12	2.76E-12	4.73E-12	7.09E-13
	140	64	28	9	4	58	20	#	#	2.44E-12	2.16E-13	1.08E-13	1.42E-13	2.53E-14
	140	64	28	9	4	59	20	#	#	2.99E-14	4.75E-15	3.14E-15	1.32E-15	2.75E-16
	140	64	28	9	4	60	20	#	#	8.87E-17	7.88E-17	6.75E-17	4.24E-18	9.88E-19
	140	64	28	9	4	61	20	#	#	2.62E-20	9.76E-19	1.05E-18	5.79E-21	1.66E-21
	140	64	28	9	4	52	22	2.26E-01	2.05E-02	5.80E-01	2.82E-01	1.47E-02	3.18E-01	2.24E-02
	140	64	28	9	4	53	22	4.33E-02	3.02E-03	1.05E-01	5.21E-02	2.95E-03	5.06E-02	3.64E-03
	140	64	28	9	4	54	22	7.34E-03	5.26E-04	3.08E-02	8.07E-03	5.10E-04	1.27E-02	9.29E-04
	140	64	28	9	4	55	22	9.21E-04	7.04E-05	3.80E-03	1.06E-03	7.54E-05	1.31E-03	9.91E-05
	140	64	28	9	4	56	22	1.28E-04	1.23E-05	9.00E-04	1.19E-04	9.63E-06	2.54E-04	2.03E-05
	140	64	28	9	4	57	22	#	#	7.61E-05	1.11E-05	1.09E-06	1.70E-05	1.49E-06
	140	64	28	9	4	58	22	#	#	1.19E-05	8.61E-07	1.11E-07	2.04E-06	2.04E-07
	140	64	28	9	4	59	22	#	#	3.71E-07	5.35E-08	9.66E-09	4.74E-08	5.59E-09
	140	64	28	9	4	60	22	#	#	1.66E-08	2.60E-09	6.71E-10	1.54E-09	2.18E-10
	140	64	28	9	4	61	22	#	#	5.67E-11	9.63E-11	3.52E-11	4.04E-12	6.86E-13
	140	64	28	9	4	62	22	#	#	7.71E-14	2.65E-12	1.34E-12	5.91E-15	1.17E-15
	140	64	28	9	4	63	22	#	#	8.88E-19	5.26E-14	3.61E-14	3.08E-19	8.00E-20
	140	64	28	9	4	64	22	#	#	1.10E-26	7.38E-16	6.68E-16	4.52E-24	3.84E-24
	140	64	28	9	4	65	22	#	#	1.67E-40	7.12E-18	8.27E-18	3.34E-25	1.87E-24
[13]	500	86	36	9	4	56	22	3.20E-04	1.60E-04	5.98E-04	2.21E-04	3.49E-05	3.88E-04	4.80E-05
	500	86	36	9	4	57	22	2.10E-05	1.05E-05	6.13E-05	2.76E-05	3.94E-06	4.18E-05	5.05E-06
	500	86	36	9	4	58	22	2.80E-06	2.24E-06	1.38E-05	3.37E-06	4.78E-07	9.83E-06	1.16E-06
	500	86	36	9	4	59	22	#	#	9.03E-07	3.97E-07	5.95E-08	6.72E-07	7.83E-08
	500	86	36	9	4	60	22	#	#	1.71E-07	4.37E-08	7.13E-09	1.32E-07	1.52E-08
	500	86	36	9	4	61	22	#	#	8.62E-09	4.38E-09	7.81E-10	6.90E-09	7.86E-10
	500	86	36	9	4	62	22	#	#	1.26E-09	3.89E-10	7.60E-11	1.04E-09	1.18E-10
	500	86	36	9	4	63	22	#	#	6.18E-11	2.97E-11	6.49E-12	5.25E-11	5.94E-12
	500	86	36	9	4	64	22	#	#	3.58E-12	1.90E-12	4.84E-13	3.11E-12	3.53E-13
	500	86	36	9	4	65	22	#	#	1.78E-13	9.94E-14	3.11E-14	1.57E-13	1.80E-14
	500	86	36	9	4	61	24	5.00E-04	2.50E-04	4.81E-04	3.38E-04	4.17E-05	2.92E-04	3.08E-05
	500	86	36	9	4	62	24	5.30E-05	2.65E-05	1.23E-04	4.93E-05	5.67E-06	7.81E-05	8.13E-06
	500	86	36	9	4	63	24	7.70E-06	3.85E-06	1.08E-05	6.83E-06	8.05E-07	7.17E-06	7.39E-07
	500	86	36	9	4	64	24	5.20E-07	5.72E-07	2.03E-06	8.81E-07	1.12E-07	1.41E-06	1.44E-07

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	500	86	36	9	4	65	24	#	#	1.46E-07	1.03E-07	1.44E-08	1.05E-07	1.08E-08
	500	86	36	9	4	66	24	#	#	2.16E-08	1.05E-08	1.67E-09	1.60E-08	1.65E-09
	500	86	36	9	4	67	24	#	#	1.02E-09	9.20E-10	1.71E-10	7.81E-10	8.15E-11
	500	86	36	9	4	68	24	#	#	9.41E-11	6.70E-11	1.53E-11	7.37E-11	7.82E-12
	500	86	36	9	4	69	24	#	#	5.61E-12	3.96E-12	1.17E-12	4.48E-12	4.86E-13
	500	86	36	9	4	70	24	#	#	2.94E-13	1.86E-13	7.31E-14	2.39E-13	2.66E-14
[34]	139	82	34	9	4	27	11	4.99E-03	3.76E-03	2.30E-02	3.62E-01	3.55E-01	4.49E-02	1.61E-02
	139	82	34	9	4	28	11	8.51E-04	6.02E-04	2.39E-03	5.34E-02	4.57E-02	5.16E-03	1.82E-03
	139	82	34	9	4	29	11	1.86E-04	1.97E-04	7.09E-04	6.53E-03	4.73E-03	1.66E-03	5.76E-04
	139	82	34	9	4	30	11	2.62E-05	2.79E-05	4.31E-05	7.23E-04	4.30E-04	1.07E-04	3.66E-05
	139	82	34	9	4	31	11	7.75E-06	4.13E-06	1.14E-05	7.61E-05	3.66E-05	2.93E-05	9.94E-06
	139	82	34	9	4	32	11	3.81E-07	1.99E-07	4.88E-07	7.83E-06	3.10E-06	1.27E-06	4.26E-07
	139	82	34	9	4	33	11	1.46E-08	1.12E-08	1.51E-07	7.90E-07	2.71E-07	3.91E-07	1.30E-07
	139	82	34	9	4	29	12	5.17E-03	3.48E-03	2.39E-02	4.37E-01	4.05E-01	4.07E-02	1.37E-02
	139	82	34	9	4	30	12	2.63E-03	1.58E-03	8.32E-03	7.05E-02	5.75E-02	1.55E-02	5.12E-03
	139	82	34	9	4	31	12	3.79E-04	2.89E-04	6.84E-04	9.33E-03	6.50E-03	1.36E-03	4.43E-04
	139	82	34	9	4	32	12	9.64E-05	8.25E-05	2.23E-04	1.10E-03	6.36E-04	4.64E-04	1.49E-04
	139	82	34	9	4	33	12	8.27E-06	4.68E-06	1.29E-05	1.22E-04	5.75E-05	2.75E-05	8.66E-06
	139	82	34	9	4	34	12	1.38E-06	6.41E-07	3.53E-06	1.31E-05	5.05E-06	7.54E-06	2.35E-06
	139	82	34	9	4	35	12	4.13E-08	3.00E-08	1.21E-07	1.36E-06	4.48E-07	2.54E-07	7.84E-08
	139	82	34	9	4	36	12	1.75E-09	2.23E-09	3.02E-08	1.37E-07	4.11E-08	6.11E-08	1.88E-08
	139	82	34	9	4	37	12	8.91E-11	1.64E-10	6.75E-10	1.29E-08	3.81E-09	1.29E-09	3.98E-10
	139	82	34	9	4	32	13	3.72E-03	1.53E-03	8.55E-03	9.24E-02	7.18E-02	1.39E-02	4.32E-03
	139	82	34	9	4	33	13	1.60E-03	1.05E-03	3.43E-03	1.32E-02	8.85E-03	5.91E-03	1.80E-03
	139	82	34	9	4	34	13	1.69E-04	1.26E-04	2.66E-04	1.66E-03	9.35E-04	4.74E-04	1.41E-04
	139	82	34	9	4	35	13	4.03E-05	3.26E-05	7.62E-05	1.94E-04	9.01E-05	1.37E-04	4.03E-05
	139	82	34	9	4	36	13	3.23E-06	1.70E-06	4.33E-06	2.17E-05	8.29E-06	7.74E-06	2.24E-06
	139	82	34	9	4	37	13	5.62E-07	2.07E-07	1.07E-06	2.34E-06	7.55E-07	1.86E-06	5.32E-07
	139	82	34	9	4	38	13	2.47E-08	2.16E-08	3.82E-08	2.42E-07	6.96E-08	6.33E-08	1.80E-08
	139	82	34	9	4	39	13	7.40E-10	5.35E-10	7.70E-09	2.35E-08	6.45E-09	1.19E-08	3.39E-09
	139	82	34	9	4	29	14	1.54E+00	5.79E+00	1.98E+00	3.84E+00	3.97E+00	1.67E+00	5.44E-01
	139	82	34	9	4	30	14	2.44E+00	4.95E+00	2.66E+00	6.56E+00	6.58E+00	2.61E+00	8.32E-01
	139	82	34	9	4	31	14	8.22E-01	1.15E+00	8.81E-01	5.26E+00	5.05E+00	9.86E-01	3.07E-01
	139	82	34	9	4	32	14	2.25E-01	3.00E+00	4.63E-01	2.28E+00	2.05E+00	5.76E-01	1.75E-01
	139	82	34	9	4	34	14	7.70E-03	1.58E-03	3.45E-02	1.20E-01	8.83E-02	4.98E-02	1.45E-02
	139	82	34	9	4	35	14	1.12E-03	9.25E-04	3.59E-03	1.85E-02	1.19E-02	5.41E-03	1.53E-03
	139	82	34	9	4	36	14	4.08E-04	3.79E-04	1.13E-03	2.48E-03	1.36E-03	1.74E-03	4.81E-04
	139	82	34	9	4	37	14	4.89E-05	3.88E-05	9.57E-05	3.07E-04	1.40E-04	1.48E-04	4.01E-05
	139	82	34	9	4	38	14	9.26E-06	6.73E-06	2.27E-05	3.60E-05	1.36E-05	3.44E-05	9.19E-06
	139	82	34	9	4	39	14	9.52E-07	4.64E-07	1.30E-06	4.04E-06	1.29E-06	1.89E-06	4.98E-07
	139	82	34	9	4	40	14	1.00E-07	6.11E-08	2.84E-07	4.32E-07	1.21E-07	3.89E-07	1.02E-07
	139	82	34	9	4	41	14	3.71E-09	2.08E-09	1.25E-08	4.32E-08	1.14E-08	1.58E-08	4.14E-09
	139	82	34	9	4	42	14	1.58E-10	1.29E-10	1.70E-09	3.97E-09	1.05E-09	1.96E-09	5.16E-10
	139	82	34	9	4	31	15	8.52E-01	1.75E+00	1.94E+00	2.86E+00	2.75E+00	1.57E+00	4.82E-01
	139	82	34	9	4	32	15	1.37E+00	1.70E+00	2.36E+00	5.48E+00	5.12E+00	2.19E+00	6.55E-01
	139	82	34	9	4	33	15	1.00E+00	8.53E-01	1.86E+00	4.93E+00	4.42E+00	1.95E+00	5.68E-01
	139	82	34	9	4	34	15	2.93E-01	4.70E-01	4.67E-01	2.39E+00	2.02E+00	5.35E-01	1.52E-01
	139	82	34	9	4	35	15	7.36E-02	2.65E-01	2.40E-01	7.17E-01	5.59E-01	2.96E-01	8.22E-02
	139	82	34	9	4	36	15	1.31E-02	3.54E-03	3.67E-02	1.52E-01	1.07E-01	4.76E-02	1.29E-02
	139	82	34	9	4	37	15	4.36E-03	2.76E-03	1.31E-02	2.55E-02	1.58E-02	1.75E-02	4.61E-03
	139	82	34	9	4	38	15	9.98E-04	1.17E-03	1.56E-03	3.68E-03	1.96E-03	2.10E-03	5.40E-04
	139	82	34	9	4	39	15	2.35E-04	1.90E-04	4.05E-04	4.83E-04	2.17E-04	5.39E-04	1.36E-04
	139	82	34	9	4	40	15	2.18E-05	1.85E-05	3.48E-05	5.95E-05	2.24E-05	4.49E-05	1.11E-05
	139	82	34	9	4	41	15	3.50E-06	2.32E-06	8.00E-06	6.99E-06	2.23E-06	9.82E-06	2.39E-06
	139	82	34	9	4	42	15	2.01E-07	9.23E-08	4.79E-07	7.78E-07	2.17E-07	5.49E-07	1.32E-07
	139	82	34	9	4	43	15	2.81E-08	1.95E-08	7.34E-08	8.10E-08	2.09E-08	7.70E-08	1.85E-08
	139	82	34	9	4	44	15	8.41E-10	4.35E-10	3.44E-09	7.73E-09	1.97E-09	3.24E-09	7.83E-10
	139	82	34	9	4	45	15	2.89E-11	5.20E-11	6.61E-10	6.61E-10	1.77E-10	5.52E-10	1.35E-10
	139	82	34	9	4	33	16	6.47E-01	5.18E-01	1.85E+00	2.09E+00	1.86E+00	1.45E+00	4.16E-01
	139	82	34	9	4	34	16	1.70E+00	1.18E+00	3.63E+00	4.49E+00	3.90E+00	3.21E+00	9.00E-01
	139	82	34	9	4	35	16	1.11E+00	5.13E-01	1.71E+00	4.53E+00	3.79E+00	1.68E+00	4.58E-01
	139	82	34	9	4	36	16	4.87E-01	1.61E-01	1.14E+00	2.46E+00	1.95E+00	1.21E+00	3.21E-01

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
139	82	34	9	4	37	16	1.15E-01	8.86E-02	2.56E-01	8.18E-01	6.03E-01	2.88E-01	7.45E-02	
139	82	34	9	4	38	16	2.64E-02	1.11E-02	1.08E-01	1.91E-01	1.28E-01	1.26E-01	3.17E-02	
139	82	34	9	4	39	16	7.62E-03	4.06E-03	1.72E-02	3.49E-02	2.07E-02	2.05E-02	5.02E-03	
139	82	34	9	4	40	16	2.07E-03	2.22E-03	5.23E-03	5.42E-03	2.80E-03	6.20E-03	1.48E-03	
139	82	34	9	4	41	16	2.69E-04	4.82E-04	6.27E-04	7.59E-04	3.35E-04	7.26E-04	1.69E-04	
139	82	34	9	4	42	16	5.01E-05	4.91E-05	1.60E-04	9.92E-05	3.71E-05	1.78E-04	4.06E-05	
139	82	34	9	4	43	16	3.80E-06	3.45E-06	1.25E-05	1.23E-05	3.91E-06	1.31E-05	2.93E-06	
139	82	34	9	4	44	16	5.27E-07	2.20E-07	2.32E-06	1.43E-06	4.01E-07	2.24E-06	4.95E-07	
139	82	34	9	4	45	16	3.25E-08	2.24E-08	1.51E-07	1.56E-07	4.02E-08	1.32E-07	2.91E-08	
139	82	34	9	4	46	16	2.05E-09	9.77E-10	2.51E-08	1.56E-08	3.93E-09	1.96E-08	4.32E-09	
139	82	34	9	4	47	16	8.06E-11	6.45E-11	7.68E-10	1.40E-09	3.69E-10	5.25E-10	1.17E-10	
139	82	34	9	4	48	16	2.54E-11	4.54E-11	1.66E-10	1.10E-10	3.22E-11	9.83E-11	2.25E-11	
139	82	34	9	4	35	17	5.37E-01	2.66E-01	1.64E+00	1.49E+00	1.24E+00	1.24E+00	3.35E-01	
139	82	34	9	4	36	17	1.58E+00	6.77E-01	2.66E+00	3.59E+00	2.92E+00	2.25E+00	5.89E-01	
139	82	34	9	4	37	17	1.66E+00	4.90E-01	3.42E+00	4.09E+00	3.20E+00	3.15E+00	8.05E-01	
139	82	34	9	4	38	17	6.70E-01	1.99E-01	1.16E+00	2.48E+00	1.85E+00	1.15E+00	2.85E-01	
139	82	34	9	4	39	17	2.26E-01	6.52E-02	6.32E-01	9.22E-01	6.43E-01	6.52E-01	1.57E-01	
139	82	34	9	4	40	17	5.19E-02	2.43E-02	1.38E-01	2.38E-01	1.52E-01	1.46E-01	3.44E-02	
139	82	34	9	4	41	17	9.17E-03	1.03E-02	5.15E-02	4.76E-02	2.71E-02	5.48E-02	1.25E-02	
139	82	34	9	4	42	17	4.91E-03	3.35E-03	8.27E-03	8.02E-03	4.01E-03	8.66E-03	1.92E-03	
139	82	34	9	4	43	17	7.57E-04	1.57E-03	2.37E-03	1.21E-03	5.21E-04	2.40E-03	5.18E-04	
139	82	34	9	4	44	17	1.25E-04	1.26E-04	2.49E-04	1.68E-04	6.22E-05	2.39E-04	5.02E-05	
139	82	34	9	4	45	17	1.79E-05	1.63E-05	5.65E-05	2.21E-05	7.02E-06	5.05E-05	1.04E-05	
139	82	34	9	4	46	17	1.16E-06	8.19E-07	5.18E-06	2.73E-06	7.64E-07	4.24E-06	8.59E-07	
139	82	34	9	4	47	17	1.66E-07	8.74E-08	9.42E-07	3.14E-07	8.08E-08	6.92E-07	1.39E-07	
139	82	34	9	4	48	17	6.65E-09	3.00E-09	4.61E-08	3.32E-08	8.31E-09	3.00E-08	6.02E-09	
139	82	34	9	4	49	17	6.32E-10	2.70E-10	9.05E-09	3.15E-09	8.19E-10	5.12E-09	1.04E-09	
139	82	34	9	4	50	17	3.06E-11	2.84E-11	2.41E-10	2.62E-10	7.56E-11	1.17E-10	2.43E-11	
139	82	34	9	4	38	18	2.65E+00	9.24E-01	3.87E+00	2.83E+00	2.15E+00	3.13E+00	7.69E-01	
139	82	34	9	4	39	18	2.67E+00	6.34E-01	3.14E+00	3.63E+00	2.67E+00	2.73E+00	6.53E-01	
139	82	34	9	4	40	18	1.29E+00	3.37E-01	2.38E+00	2.49E+00	1.75E+00	2.19E+00	5.09E-01	
139	82	34	9	4	41	18	3.95E-01	1.12E-01	7.27E-01	1.04E+00	6.82E-01	6.89E-01	1.56E-01	
139	82	34	9	4	42	18	9.47E-02	2.68E-02	3.43E-01	2.97E-01	1.80E-01	3.29E-01	7.23E-02	
139	82	34	9	4	43	18	1.49E-02	5.53E-03	7.35E-02	6.54E-02	3.58E-02	7.00E-02	1.49E-02	
139	82	34	9	4	44	18	6.59E-03	4.50E-03	2.53E-02	1.20E-02	5.82E-03	2.35E-02	4.85E-03	
139	82	34	9	4	45	18	1.01E-03	3.24E-03	3.61E-03	1.96E-03	8.26E-04	3.20E-03	6.43E-04	
139	82	34	9	4	46	18	1.68E-04	3.53E-04	9.88E-04	2.94E-04	1.07E-04	8.22E-04	1.60E-04	
139	82	34	9	4	47	18	1.67E-05	1.98E-05	1.19E-04	4.13E-05	1.30E-05	9.16E-05	1.74E-05	
139	82	34	9	4	48	18	2.39E-06	2.41E-06	2.24E-05	5.44E-06	1.52E-06	1.56E-05	2.90E-06	
139	82	34	9	4	49	18	1.29E-07	1.22E-07	1.58E-06	6.66E-07	1.71E-07	9.83E-07	1.81E-07	
139	82	34	9	4	50	18	1.34E-08	5.82E-09	3.31E-07	7.48E-08	1.86E-08	1.81E-07	3.30E-08	
139	82	34	9	4	51	18	3.99E-10	3.21E-10	1.44E-08	7.55E-09	1.95E-09	6.77E-09	1.25E-09	
139	82	34	9	4	52	18	7.21E-11	4.52E-11	2.59E-09	6.71E-10	1.91E-10	1.04E-09	1.95E-10	
139	82	34	9	4	39	19	8.97E-01	6.37E-01	1.13E+00	7.21E-01	5.24E-01	8.07E-01	1.91E-01	
139	82	34	9	4	40	19	4.41E+00	2.22E+00	2.70E+00	2.21E+00	1.57E+00	2.09E+00	4.82E-01	
139	82	34	9	4	41	19	5.73E+00	1.58E+00	4.65E+00	3.21E+00	2.21E+00	3.82E+00	8.57E-01	
139	82	34	9	4	42	19	2.20E+00	5.08E-01	2.48E+00	2.49E+00	1.65E+00	2.11E+00	4.62E-01	
139	82	34	9	4	43	19	7.82E-01	2.23E-01	1.59E+00	1.17E+00	7.28E-01	1.38E+00	2.94E-01	
139	82	34	9	4	44	19	1.95E-01	5.14E-02	4.51E-01	3.76E-01	2.16E-01	3.93E-01	8.10E-02	
139	82	34	9	4	45	19	4.17E-02	9.44E-03	1.94E-01	9.18E-02	4.79E-02	1.66E-01	3.32E-02	
139	82	34	9	4	46	19	1.05E-02	9.04E-03	3.64E-02	1.86E-02	8.63E-03	3.00E-02	5.81E-03	
139	82	34	9	4	47	19	2.45E-03	1.57E-03	1.21E-02	3.30E-03	1.35E-03	9.46E-03	1.78E-03	
139	82	34	9	4	48	19	2.63E-04	4.69E-04	1.83E-03	5.36E-04	1.90E-04	1.33E-03	2.41E-04	
139	82	34	9	4	49	19	5.29E-05	6.76E-05	4.14E-04	8.09E-05	2.51E-05	2.75E-04	4.85E-05	
139	82	34	9	4	50	19	6.83E-06	9.31E-06	4.47E-05	1.14E-05	3.16E-06	2.67E-05	4.60E-06	
139	82	34	9	4	51	19	8.43E-07	7.49E-07	1.04E-05	1.50E-06	3.82E-07	5.48E-06	9.26E-07	
139	82	34	9	4	52	19	2.61E-08	1.24E-08	6.54E-07	1.80E-07	4.45E-08	3.01E-07	5.03E-08	
139	82	34	9	4	53	19	2.89E-09	1.04E-09	1.25E-07	1.95E-08	4.96E-09	4.95E-08	8.27E-09	
139	82	34	9	4	54	19	1.28E-10	7.34E-11	5.40E-09	1.86E-09	5.20E-10	1.81E-09	3.07E-10	
139	82	34	9	4	55	19	2.18E-11	1.74E-11	5.63E-10	1.54E-10	4.95E-11	1.58E-10	2.75E-11	
139	82	34	9	4	41	20	2.20E+00	2.12E+00	1.06E+00	4.96E-01	3.37E-01	7.33E-01	1.64E-01	
139	82	34	9	4	42	20	6.99E+00	4.19E+00	3.36E+00	1.72E+00	1.15E+00	2.48E+00	5.39E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
139	82	34	9	4	43	20	6.86E+00	2.07E+00	4.46E+00	2.86E+00	1.85E+00	3.45E+00	7.31E-01	
139	82	34	9	4	44	20	3.50E+00	8.05E-01	4.40E+00	2.53E+00	1.57E+00	3.50E+00	7.22E-01	
139	82	34	9	4	45	20	1.20E+00	3.20E-01	1.79E+00	1.34E+00	7.89E-01	1.43E+00	2.88E-01	
139	82	34	9	4	46	20	3.94E-01	1.00E-01	1.02E+00	4.86E-01	2.65E-01	8.09E-01	1.58E-01	
139	82	34	9	4	47	20	7.86E-02	1.81E-02	2.55E-01	1.33E-01	6.59E-02	1.96E-01	3.71E-02	
139	82	34	9	4	48	20	1.30E-02	4.79E-03	1.07E-01	2.96E-02	1.32E-02	7.88E-02	1.45E-02	
139	82	34	9	4	49	20	1.92E-03	2.36E-03	2.07E-02	5.78E-03	2.27E-03	1.43E-02	2.53E-03	
139	82	34	9	4	50	20	3.88E-04	4.48E-04	6.03E-04	1.02E-03	3.53E-04	3.82E-03	6.56E-04	
139	82	34	9	4	51	20	4.48E-05	9.80E-05	8.45E-04	1.67E-04	5.08E-05	4.86E-04	8.08E-05	
139	82	34	9	4	52	20	8.43E-06	1.31E-05	2.08E-04	2.55E-05	6.92E-06	1.07E-04	1.72E-05	
139	82	34	9	4	53	20	3.99E-07	6.14E-07	1.82E-05	3.60E-06	9.02E-07	8.24E-06	1.29E-06	
139	82	34	9	4	54	20	4.85E-08	4.16E-08	4.04E-06	4.65E-07	1.13E-07	1.59E-06	2.44E-07	
139	82	34	9	4	55	20	2.58E-09	2.10E-09	2.49E-07	5.41E-08	1.35E-08	8.39E-08	1.28E-08	
139	82	34	9	4	56	20	6.22E-10	2.58E-10	4.40E-08	5.56E-09	1.52E-09	1.25E-08	1.92E-09	
139	82	34	9	4	57	20	6.32E-11	4.16E-11	1.83E-09	4.97E-10	1.55E-10	4.34E-10	6.79E-11	
139	82	34	9	4	58	20	1.45E-11	2.56E-11	1.88E-10	3.79E-11	1.40E-11	3.69E-11	6.01E-12	
139	82	34	9	4	43	21	1.35E+00	1.41E+00	6.60E-01	3.44E-01	2.19E-01	4.40E-01	9.31E-02	
139	82	34	9	4	44	21	4.66E+00	2.98E+00	2.19E+00	1.36E+00	8.46E-01	1.54E+00	3.18E-01	
139	82	34	9	4	45	21	7.23E+00	2.75E+00	4.92E+00	2.58E+00	1.56E+00	3.57E+00	7.21E-01	
139	82	34	9	4	46	21	4.26E+00	9.09E-01	4.40E+00	2.61E+00	1.52E+00	3.25E+00	6.39E-01	
139	82	34	9	4	47	21	2.07E+00	5.06E-01	3.51E+00	1.59E+00	8.76E-01	2.58E+00	4.96E-01	
139	82	34	9	4	48	21	6.90E-01	1.76E-01	1.22E+00	6.49E-01	3.34E-01	8.75E-01	1.63E-01	
139	82	34	9	4	49	21	1.77E-01	4.45E-02	6.64E-01	1.98E-01	9.36E-02	4.60E-01	8.34E-02	
139	82	34	9	4	50	21	2.79E-02	1.13E-02	1.62E-01	4.93E-02	2.10E-02	1.06E-01	1.86E-02	
139	82	34	9	4	51	21	6.65E-03	2.78E-03	5.99E-02	1.06E-02	4.01E-03	3.64E-02	6.20E-03	
139	82	34	9	4	52	21	1.22E-03	8.55E-04	1.07E-02	2.05E-03	6.84E-04	5.99E-03	9.84E-04	
139	82	34	9	4	53	21	2.14E-04	2.77E-04	3.25E-03	3.65E-04	1.08E-04	1.63E-03	2.59E-04	
139	82	34	9	4	54	21	2.71E-05	5.41E-05	4.05E-04	6.03E-05	1.60E-05	1.81E-04	2.77E-05	
139	82	34	9	4	55	21	7.31E-06	1.02E-05	1.04E-04	9.20E-06	2.25E-06	4.06E-05	6.02E-06	
139	82	34	9	4	56	21	7.48E-07	9.26E-07	8.40E-06	1.28E-06	3.04E-07	2.84E-06	4.09E-07	
139	82	34	9	4	57	21	1.13E-07	1.31E-07	1.80E-06	1.61E-07	3.91E-08	5.20E-07	7.37E-08	
139	82	34	9	4	58	21	6.34E-09	3.42E-09	1.04E-07	1.80E-08	4.72E-09	2.53E-08	3.57E-09	
139	82	34	9	4	59	21	1.73E-09	1.27E-09	1.75E-08	1.74E-09	5.22E-10	3.54E-09	5.07E-10	
139	82	34	9	4	60	21	1.11E-10	4.43E-11	9.78E-10	1.45E-10	5.11E-11	1.64E-10	2.42E-11	
139	82	34	9	4	61	21	2.54E-11	1.84E-11	6.56E-11	1.01E-11	4.28E-12	8.94E-12	1.39E-12	
139	82	34	9	4	46	22	3.91E+00	2.69E+00	2.46E+00	1.09E+00	6.35E-01	1.64E+00	3.25E-01	
139	82	34	9	4	47	22	7.09E+00	3.10E+00	4.60E+00	2.39E+00	1.35E+00	3.14E+00	6.09E-01	
139	82	34	9	4	48	22	5.83E+00	1.21E+00	6.81E+00	2.78E+00	1.51E+00	4.66E+00	8.84E-01	
139	82	34	9	4	49	22	3.00E+00	7.15E-01	3.72E+00	1.93E+00	9.99E-01	2.52E+00	4.67E-01	
139	82	34	9	4	50	22	1.28E+00	3.48E-01	2.68E+00	8.96E-01	4.35E-01	1.75E+00	3.17E-01	
139	82	34	9	4	51	22	3.39E-01	9.93E-02	8.49E-01	3.09E-01	1.38E-01	5.30E-01	9.34E-02	
139	82	34	9	4	52	22	8.72E-02	3.81E-02	4.12E-01	8.56E-02	3.46E-02	2.41E-01	4.13E-02	
139	82	34	9	4	53	22	1.20E-02	1.86E-02	9.45E-02	2.04E-02	7.35E-03	5.11E-02	8.50E-03	
139	82	34	9	4	54	22	2.95E-03	2.46E-03	3.54E-02	4.33E-03	1.39E-03	1.74E-02	2.80E-03	
139	82	34	9	4	55	22	5.60E-04	3.81E-04	5.60E-03	8.42E-04	2.39E-04	2.47E-03	3.83E-04	
139	82	34	9	4	56	22	1.07E-04	1.68E-04	1.71E-03	1.51E-04	3.87E-05	6.66E-04	9.97E-05	
139	82	34	9	4	57	22	2.02E-05	2.22E-05	1.96E-04	2.50E-05	5.92E-06	6.68E-05	9.63E-06	
139	82	34	9	4	58	22	4.92E-06	7.16E-06	4.93E-05	3.78E-06	8.63E-07	1.45E-05	2.02E-06	
139	82	34	9	4	59	22	6.19E-07	7.26E-07	3.61E-06	5.15E-07	1.20E-07	9.04E-07	1.23E-07	
139	82	34	9	4	60	22	7.27E-08	8.42E-08	7.63E-07	6.23E-08	1.56E-08	1.61E-07	2.16E-08	
139	82	34	9	4	61	22	6.27E-09	4.75E-09	4.27E-08	6.57E-09	1.86E-09	7.51E-09	1.01E-09	
139	82	34	9	4	62	22	1.09E-09	6.42E-10	6.90E-09	5.96E-10	1.98E-10	1.00E-09	1.38E-10	
139	82	34	9	4	63	22	7.17E-11	2.63E-11	3.75E-10	4.57E-11	1.82E-11	4.44E-11	6.43E-12	
139	82	34	9	4	64	22	8.54E-12	9.82E-12	2.39E-11	2.92E-12	1.39E-12	2.28E-12	3.54E-13	
139	82	34	9	4	47	23	5.45E-01	9.44E+00	3.35E-01	1.74E-01	9.65E-02	2.06E-01	4.04E-02	
139	82	34	9	4	48	23	2.21E+00	1.63E+00	1.51E+00	8.99E-01	4.87E-01	9.55E-01	1.83E-01	
139	82	34	9	4	49	23	6.31E+00	3.11E+00	4.39E+00	2.26E+00	1.19E+00	2.81E+00	5.30E-01	
139	82	34	9	4	50	23	6.55E+00	1.56E+00	5.70E+00	3.03E+00	1.54E+00	3.62E+00	6.71E-01	
139	82	34	9	4	51	23	4.19E+00	1.06E+00	6.62E+00	2.42E+00	1.17E+00	4.11E+00	7.48E-01	
139	82	34	9	4	52	23	1.93E+00	5.76E-01	2.99E+00	1.28E+00	5.83E-01	1.79E+00	3.19E-01	
139	82	34	9	4	53	23	8.15E-01	2.80E-01	1.95E+00	4.98E-01	2.10E-01	1.10E+00	1.93E-01	
139	82	34	9	4	54	23	2.95E-01	1.43E-01	5.87E-01	1.55E-01	5.91E-02	3.09E-01	5.27E-02	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
139	82	34	9	4	55	23	4.42E-02	5.29E-02	2.76E-01	4.08E-02	1.40E-02	1.34E-01	2.22E-02	
139	82	34	9	4	56	23	5.84E-03	3.84E-03	5.79E-02	9.55E-03	2.92E-03	2.53E-02	4.09E-03	
139	82	34	9	4	57	23	2.03E-03	1.26E-03	2.19E-02	2.03E-03	5.54E-04	8.55E-03	1.34E-03	
139	82	34	9	4	58	23	3.79E-04	2.88E-04	3.22E-03	3.98E-04	9.79E-05	1.11E-03	1.67E-04	
139	82	34	9	4	59	23	9.00E-05	1.52E-04	9.38E-04	7.17E-05	1.63E-05	2.82E-04	4.10E-05	
139	82	34	9	4	60	23	1.62E-05	2.00E-05	9.98E-05	1.18E-05	2.57E-06	2.58E-05	3.63E-06	
139	82	34	9	4	61	23	4.12E-06	5.35E-06	2.58E-05	1.75E-06	3.84E-07	5.69E-06	7.76E-07	
139	82	34	9	4	62	23	4.79E-07	7.32E-07	1.91E-06	2.30E-07	5.41E-08	3.56E-07	4.76E-08	
139	82	34	9	4	63	23	7.06E-08	8.44E-08	3.48E-07	2.65E-08	7.01E-09	5.39E-08	7.18E-09	
139	82	34	9	4	64	23	4.98E-09	2.63E-09	1.98E-08	2.63E-09	8.13E-10	2.53E-09	3.43E-10	
139	82	34	9	4	65	23	1.00E-09	3.41E-10	2.13E-09	2.22E-10	8.17E-11	2.22E-10	3.13E-11	
139	82	34	9	4	66	23	4.50E-11	2.11E-11	1.52E-10	1.57E-11	6.91E-12	1.28E-11	1.91E-12	
139	82	34	9	4	67	23	9.56E-12	7.67E-12	9.59E-12	9.16E-13	4.83E-13	6.40E-13	1.04E-13	
139	82	34	9	4	50	24	1.61E+00	1.34E+00	1.48E+00	7.54E-01	3.81E-01	8.86E-01	1.67E-01	
139	82	34	9	4	51	24	5.14E+00	2.82E+00	3.78E+00	2.19E+00	1.08E+00	2.27E+00	4.23E-01	
139	82	34	9	4	52	24	7.21E+00	2.06E+00	7.58E+00	3.39E+00	1.61E+00	4.48E+00	8.25E-01	
139	82	34	9	4	53	24	5.02E+00	1.38E+00	6.30E+00	3.10E+00	1.41E+00	3.61E+00	6.56E-01	
139	82	34	9	4	54	24	3.49E+00	1.21E+00	5.87E+00	1.88E+00	8.03E-01	3.20E+00	5.76E-01	
139	82	34	9	4	55	24	1.50E+00	6.05E-01	2.34E+00	8.26E-01	3.28E-01	1.20E+00	2.13E-01	
139	82	34	9	4	56	24	7.72E-01	4.15E-01	1.42E+00	2.88E-01	1.04E-01	6.74E-01	1.17E-01	
139	82	34	9	4	57	24	1.39E-01	5.29E-01	3.87E-01	8.45E-02	2.75E-02	1.68E-01	2.87E-02	
139	82	34	9	4	58	24	2.09E-02	3.98E-02	1.80E-01	2.18E-02	6.35E-03	7.05E-02	1.17E-02	
139	82	34	9	4	59	24	3.52E-03	2.88E-03	3.51E-02	5.11E-03	1.33E-03	1.23E-02	1.99E-03	
139	82	34	9	4	60	24	1.06E-03	6.53E-04	1.28E-02	1.09E-03	2.57E-04	3.96E-03	6.21E-04	
139	82	34	9	4	61	24	1.96E-04	1.33E-04	1.83E-03	2.15E-04	4.65E-05	4.90E-04	7.46E-05	
139	82	34	9	4	62	24	5.12E-05	7.00E-05	5.37E-04	3.85E-05	7.97E-06	1.24E-04	1.83E-05	
139	82	34	9	4	63	24	7.10E-06	7.47E-06	5.44E-05	6.24E-06	1.29E-06	1.07E-05	1.53E-06	
139	82	34	9	4	64	24	1.62E-06	1.80E-06	1.18E-05	8.99E-07	1.97E-07	1.96E-06	2.75E-07	
139	82	34	9	4	65	24	2.19E-07	5.98E-07	9.75E-07	1.14E-07	2.77E-08	1.36E-07	1.88E-08	
139	82	34	9	4	66	24	2.32E-08	2.11E-08	1.66E-07	1.24E-08	3.50E-09	1.91E-08	2.66E-09	
139	82	34	9	4	67	24	1.67E-09	4.26E-10	9.35E-09	1.15E-09	3.87E-10	8.74E-10	1.26E-10	
139	82	34	9	4	68	24	2.77E-10	7.34E-11	1.07E-09	8.99E-11	3.62E-11	8.01E-11	1.22E-11	
139	82	34	9	4	69	24	2.47E-11	1.30E-11	8.28E-11	5.82E-12	2.81E-12	4.91E-12	8.05E-13	
139	82	34	9	4	70	24	4.13E-12	7.29E-12	5.86E-12	3.09E-13	1.77E-13	2.68E-13	4.82E-14	
139	82	34	9	4	52	25	9.23E-01	9.35E-01	8.24E-01	6.42E-01	3.03E-01	4.69E-01	8.82E-02	
139	82	34	9	4	53	25	3.70E+00	2.27E+00	3.16E+00	2.15E+00	9.88E-01	1.78E+00	3.33E-01	
139	82	34	9	4	54	25	6.58E+00	2.30E+00	5.66E+00	3.84E+00	1.71E+00	3.11E+00	5.80E-01	
139	82	34	9	4	55	25	6.80E+00	2.16E+00	9.79E+00	4.05E+00	1.72E+00	5.18E+00	9.62E-01	
139	82	34	9	4	56	25	4.82E+00	1.93E+00	5.91E+00	2.80E+00	1.12E+00	2.97E+00	5.48E-01	
139	82	34	9	4	57	25	3.60E+00	1.85E+00	4.97E+00	1.40E+00	5.21E-01	2.33E+00	4.28E-01	
139	82	34	9	4	58	25	1.78E+00	1.06E+00	1.81E+00	5.47E-01	1.87E-01	7.84E-01	1.42E-01	
139	82	34	9	4	59	25	7.33E-01	6.33E-01	1.08E+00	1.79E-01	5.52E-02	4.28E-01	7.67E-02	
139	82	34	9	4	60	25	4.66E-02	7.60E-02	2.75E-01	5.13E-02	1.41E-02	9.79E-02	1.72E-02	
139	82	34	9	4	61	25	1.10E-02	5.14E-03	1.23E-01	1.32E-02	3.26E-03	3.89E-02	6.70E-03	
139	82	34	9	4	62	25	2.07E-03	2.60E-03	2.32E-02	3.11E-03	6.92E-04	6.47E-03	1.09E-03	
139	82	34	9	4	63	25	7.70E-04	4.47E-04	8.29E-03	6.69E-04	1.37E-04	2.02E-03	3.30E-04	
139	82	34	9	4	64	25	1.39E-04	1.17E-04	1.11E-03	1.31E-04	2.57E-05	2.33E-04	3.70E-05	
139	82	34	9	4	65	25	3.66E-05	5.15E-05	3.07E-04	2.33E-05	4.52E-06	5.52E-05	8.54E-06	
139	82	34	9	4	66	25	5.74E-06	5.39E-06	3.42E-05	3.69E-06	7.47E-07	5.19E-06	7.87E-07	
139	82	34	9	4	67	25	9.83E-07	7.01E-07	6.90E-06	5.14E-07	1.14E-07	8.76E-07	1.31E-07	
139	82	34	9	4	68	25	1.46E-07	3.74E-07	5.54E-07	6.19E-08	1.58E-08	5.80E-08	8.73E-09	
139	82	34	9	4	69	25	1.55E-08	2.87E-08	1.06E-07	6.36E-09	1.93E-09	9.01E-09	1.39E-09	
139	82	34	9	4	70	25	1.29E-09	6.17E-10	8.75E-09	5.50E-10	2.00E-10	5.92E-10	9.56E-11	
139	82	34	9	4	71	25	1.56E-10	4.31E-11	8.47E-10	3.94E-11	1.72E-11	4.46E-11	7.71E-12	
139	82	34	9	4	72	25	5.61E-12	6.44E-12	4.32E-11	2.31E-12	1.21E-12	1.73E-12	3.26E-13	
139	82	34	9	4	54	26	7.06E-01	9.53E-01	7.33E-01	5.47E-01	2.42E-01	3.96E-01	7.58E-02	
139	82	34	9	4	55	26	2.41E+00	1.66E+00	2.48E+00	2.11E+00	9.09E-01	1.32E+00	2.53E-01	
139	82	34	9	4	56	26	6.59E+00	2.84E+00	6.69E+00	4.36E+00	1.82E+00	3.45E+00	6.64E-01	
139	82	34	9	4	57	26	7.45E+00	2.77E+00	7.78E+00	5.30E+00	2.12E+00	3.83E+00	7.41E-01	
139	82	34	9	4	58	26	8.15E+00	4.90E+00	1.05E+01	4.19E+00	1.58E+00	4.89E+00	9.47E-01	
139	82	34	9	4	59	26	6.04E+00	6.28E+00	5.29E+00	2.38E+00	8.36E-01	2.29E+00	4.44E-01	
139	82	34	9	4	60	26	3.81E+00	2.44E+00	4.18E+00	1.05E+00	3.38E-01	1.67E+00	3.21E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
139	82	34	9	4	63	26	2.15E-02	1.26E-02	1.99E-01	3.49E-02	8.15E-03	5.80E-02	1.08E-02	
139	82	34	9	4	64	26	4.97E-03	4.04E-03	8.53E-02	9.05E-03	1.91E-03	2.20E-02	4.01E-03	
139	82	34	9	4	65	26	1.85E-03	1.00E-03	1.48E-02	2.15E-03	4.17E-04	3.34E-03	5.96E-04	
139	82	34	9	4	66	26	4.62E-04	1.98E-04	5.31E-03	4.65E-04	8.56E-05	1.03E-03	1.80E-04	
139	82	34	9	4	67	26	9.75E-05	5.03E-05	7.17E-04	9.09E-05	1.65E-05	1.20E-04	2.04E-05	
139	82	34	9	4	68	26	1.98E-05	2.17E-05	1.94E-04	1.59E-05	2.98E-06	2.74E-05	4.58E-06	
139	82	34	9	4	69	26	3.53E-06	3.10E-06	2.30E-05	2.45E-06	4.97E-07	2.70E-06	4.48E-07	
139	82	34	9	4	70	26	7.30E-07	5.05E-07	5.65E-06	3.27E-07	7.54E-08	5.46E-07	9.07E-08	
139	82	34	9	4	71	26	5.09E-08	1.40E-07	5.15E-07	3.73E-08	1.01E-08	4.01E-08	6.79E-09	
139	82	34	9	4	72	26	7.04E-09	1.87E-08	6.11E-08	3.57E-09	1.16E-09	3.73E-09	6.58E-10	
139	82	34	9	4	73	26	3.90E-10	2.52E-10	5.14E-09	2.83E-10	1.10E-10	2.39E-10	4.48E-11	
139	82	34	9	4	74	26	3.03E-11	1.46E-11	3.76E-10	1.83E-11	8.58E-12	1.31E-11	2.67E-12	
139	82	34	9	4	75	26	3.23E-12	5.70E-12	1.67E-11	9.48E-13	5.31E-13	4.62E-13	1.03E-13	
139	82	34	9	4	56	27	2.38E-01	4.14E+00	3.48E-01	4.59E-01	1.92E-01	1.79E-01	3.56E-02	
139	82	34	9	4	57	27	1.18E+00	9.06E-01	1.74E+00	2.04E+00	8.29E-01	8.76E-01	1.76E-01	
139	82	34	9	4	58	27	4.68E+00	2.48E+00	4.37E+00	4.88E+00	1.91E+00	2.12E+00	4.30E-01	
139	82	34	9	4	59	27	9.08E+00	6.60E+00	9.81E+00	6.84E+00	2.57E+00	4.54E+00	9.30E-01	
139	82	34	9	4	60	27	1.04E+01	1.34E+01	9.14E+00	6.21E+00	2.21E+00	3.98E+00	8.21E-01	
139	82	34	9	4	61	27	1.08E+01	1.11E+01	1.04E+01	4.02E+00	1.33E+00	4.20E+00	8.72E-01	
139	82	34	9	4	62	27	7.38E+00	5.30E+00	4.67E+00	2.01E+00	6.11E-01	1.74E+00	3.61E-01	
139	82	34	9	4	65	27	7.91E-02	6.19E-02	6.02E-01	9.32E-02	2.07E-02	1.65E-01	3.35E-02	
139	82	34	9	4	66	27	1.72E-02	1.12E-02	1.40E-01	2.68E-02	5.39E-03	3.40E-02	6.80E-03	
139	82	34	9	4	67	27	5.56E-03	3.95E-03	6.53E-02	7.06E-03	1.31E-03	1.38E-02	2.72E-03	
139	82	34	9	4	68	27	1.45E-03	1.14E-03	1.15E-02	1.70E-03	2.98E-04	2.11E-03	4.05E-04	
139	82	34	9	4	69	27	4.43E-04	2.72E-04	4.34E-03	3.68E-04	6.36E-05	6.85E-04	1.29E-04	
139	82	34	9	4	70	27	4.19E-05	1.55E-05	6.49E-04	7.16E-05	1.26E-05	8.65E-05	1.61E-05	
139	82	34	9	4	71	27	2.03E-05	1.54E-05	1.97E-04	1.23E-05	2.31E-06	2.18E-05	4.01E-06	
139	82	34	9	4	72	27	3.65E-06	3.25E-06	1.63E-05	1.83E-06	3.82E-07	1.47E-06	2.71E-07	
139	82	34	9	4	73	27	6.08E-07	4.96E-07	3.67E-06	2.32E-07	5.61E-08	2.61E-07	4.90E-08	
139	82	34	9	4	74	27	2.01E-08	9.03E-09	3.09E-07	2.46E-08	7.08E-09	1.68E-08	3.28E-09	
139	82	34	9	4	75	27	1.69E-09	4.81E-10	3.93E-08	2.15E-09	7.44E-10	1.60E-09	3.30E-10	
139	82	34	9	4	76	27	3.50E-11	2.13E-11	1.34E-09	1.52E-10	6.34E-11	4.29E-11	9.54E-12	
139	82	34	9	4	60	28	3.38E+00	3.30E+00	4.44E+00	5.28E+00	1.96E+00	2.05E+00	4.45E-01	
139	82	34	9	4	61	28	8.39E+00	1.35E+01	7.54E+00	8.57E+00	3.05E+00	3.31E+00	7.29E-01	
139	82	34	9	4	62	28	1.39E+01	2.77E+01	1.35E+01	8.97E+00	3.03E+00	5.56E+00	1.24E+00	
139	82	34	9	4	63	28	1.35E+01	8.91E+00	9.54E+00	6.64E+00	2.09E+00	3.66E+00	8.23E-01	
139	82	34	9	4	64	28	1.14E+01	3.36E+01	9.74E+00	3.77E+00	1.09E+00	3.45E+00	7.77E-01	
139	82	34	9	4	68	28	6.64E-02	7.94E-02	5.29E-01	8.08E-02	1.56E-02	1.23E-01	2.69E-02	
139	82	34	9	4	69	28	1.11E-02	1.03E-02	1.22E-01	2.38E-02	4.27E-03	2.49E-02	5.36E-03	
139	82	34	9	4	70	28	4.70E-03	1.69E-03	5.89E-02	6.39E-03	1.09E-03	1.04E-02	2.21E-03	
139	82	34	9	4	71	28	1.04E-03	4.21E-04	1.13E-02	1.56E-03	2.62E-04	1.71E-03	3.55E-04	
139	82	34	9	4	72	28	1.77E-04	8.62E-05	3.29E-03	3.39E-04	5.78E-05	4.19E-04	8.57E-05	
139	82	34	9	4	73	28	5.27E-05	2.06E-05	5.09E-04	6.51E-05	1.17E-05	5.32E-05	1.08E-05	
139	82	34	9	4	74	28	1.03E-05	9.69E-06	1.41E-04	1.08E-05	2.12E-06	1.17E-05	2.39E-06	
139	82	34	9	4	75	28	1.68E-06	3.21E-06	1.36E-05	1.53E-06	3.39E-07	8.68E-07	1.80E-07	
139	82	34	9	4	76	28	7.64E-08	4.57E-07	1.84E-06	1.80E-07	4.65E-08	8.79E-08	1.89E-08	
139	82	34	9	4	77	28	1.31E-09	5.16E-10	4.94E-08	1.73E-08	5.31E-09	1.82E-09	4.14E-10	
139	82	34	9	4	78	28	1.91E-10	1.64E-10	1.12E-09	1.31E-09	4.87E-10	4.31E-11	1.06E-11	
139	82	34	9	4	62	29	1.63E+00	1.20E+00	2.57E+00	5.42E+00	1.93E+00	1.14E+00	2.68E-01	
139	82	34	9	4	63	29	6.31E+00	8.95E+00	7.41E+00	1.02E+01	3.49E+00	3.14E+00	7.49E-01	
139	82	34	9	4	64	29	1.11E+01	7.21E+00	9.87E+00	1.24E+01	4.01E+00	3.93E+00	9.51E-01	
139	82	34	9	4	65	29	1.48E+01	2.20E+01	1.62E+01	1.06E+01	3.20E+00	6.01E+00	1.47E+00	
139	82	34	9	4	70	29	2.17E-01	1.77E-01	8.77E-01	2.47E-01	4.67E-02	2.01E-01	4.77E-02	
139	82	34	9	4	71	29	6.06E-02	4.15E-02	5.38E-01	8.23E-02	1.46E-02	1.08E-01	2.53E-02	
139	82	34	9	4	72	29	1.66E-02	1.20E-02	1.08E-01	2.50E-02	4.28E-03	1.89E-02	4.33E-03	
139	82	34	9	4	73	29	5.49E-03	2.09E-03	5.33E-02	6.89E-03	1.17E-03	7.89E-03	1.78E-03	
139	82	34	9	4	74	29	1.56E-03	7.35E-04	1.05E-02	1.70E-03	2.92E-04	1.28E-03	2.86E-04	
139	82	34	9	4	75	29	4.37E-04	4.10E-04	3.48E-03	3.68E-04	6.57E-05	3.40E-04	7.54E-05	
139	82	34	9	4	76	29	4.38E-05	2.08E-05	3.96E-04	6.87E-05	1.31E-05	2.97E-05	6.63E-06	
139	82	34	9	4	77	29	8.16E-06	7.89E-06	6.20E-05	1.08E-05	2.28E-06	3.46E-06	7.88E-07	
139	82	34	9	4	78	29	1.77E-07	6.31E-08	1.84E-06	1.40E-06	3.36E-07	7.82E-08	1.85E-08	
139	82	34	9	4	64	30	6.84E-01	5.89E-01	2.26E+00	5.15E+00	1.79E+00	9.85E-01	2.52E-01	

Ref.	E	A_p	Z_p	A_t	Z_t	A_f	Z_f	σ_E	δ_E	σ_F	σ_{BN}	δ_{BN}	σ_{BF}	δ_{BF}
	139	82	34	9	4	65	30	3.22E+00	2.49E+00	5.38E+00	1.14E+01	3.77E+00	2.24E+00	5.81E-01
	139	82	34	9	4	66	30	7.32E+00	8.69E+00	1.25E+01	1.62E+01	5.07E+00	4.91E+00	1.29E+00
	139	82	34	9	4	67	30	1.04E+01	1.44E+02	1.25E+01	1.61E+01	4.73E+00	4.60E+00	1.22E+00
	139	82	34	9	4	68	30	2.64E+01	2.51E+01	1.75E+01	1.22E+01	3.30E+00	5.97E+00	1.59E+00
	139	82	34	9	4	73	30	3.21E-01	1.92E-01	8.70E-01	2.93E-01	5.25E-02	1.75E-01	4.41E-02
	139	82	34	9	4	74	30	6.03E-02	5.33E-02	5.27E-01	1.02E-01	1.79E-02	9.12E-02	2.25E-02
	139	82	34	9	4	75	30	2.96E-02	3.88E-03	1.34E-01	3.21E-02	5.63E-03	1.93E-02	4.69E-03
	139	82	34	9	4	76	30	9.59E-03	7.98E-03	5.51E-02	9.00E-03	1.62E-03	6.39E-03	1.53E-03
	139	82	34	9	4	77	30	1.39E-03	7.09E-04	7.98E-03	2.21E-03	4.13E-04	7.10E-04	1.70E-04
	139	82	34	9	4	78	30	2.14E-04	4.87E-04	1.52E-03	4.62E-04	9.16E-05	9.93E-05	2.40E-05
	139	82	34	9	4	79	30	2.52E-06	6.26E-06	6.18E-05	8.03E-05	1.73E-05	3.02E-06	7.51E-07
	139	82	34	9	4	80	30	7.75E-09	4.72E-08	2.11E-06	1.12E-05	2.70E-06	1.01E-07	2.65E-08
	139	82	34	9	4	75	31	2.13E+00	2.19E+00	3.45E+00	1.06E+00	1.95E-01	7.04E-01	1.88E-01
	139	82	34	9	4	76	31	3.47E-01	1.97E-01	1.18E+00	4.27E-01	7.81E-02	2.02E-01	5.27E-02
	139	82	34	9	4	77	31	1.71E-01	1.11E-01	6.34E-01	1.54E-01	2.88E-02	8.76E-02	2.25E-02
	139	82	34	9	4	78	31	6.04E-02	4.40E-02	1.24E-01	4.91E-02	9.56E-03	1.31E-02	3.33E-03
	139	82	34	9	4	79	31	1.10E-02	8.64E-02	3.65E-02	1.35E-02	2.77E-03	2.81E-03	7.20E-04
	139	82	34	9	4	80	31	9.53E-05	6.89E-04	2.39E-03	3.10E-03	6.84E-04	1.34E-04	3.51E-05
	139	82	34	9	4	81	31	5.96E-07	1.52E-04	1.05E-04	5.77E-04	1.39E-04	5.61E-06	1.53E-06
	139	82	34	9	4	79	32	5.11E-01	1.33E+00	1.66E+00	6.93E-01	1.42E-01	2.10E-01	5.65E-02
	139	82	34	9	4	80	32	3.96E-01	4.51E-01	9.14E-01	2.44E-01	5.38E-02	8.28E-02	2.23E-02
	139	82	34	9	4	81	32	1.21E-03	4.36E-03	1.10E-01	7.22E-02	1.73E-02	7.09E-03	1.94E-03
	139	82	34	9	4	82	32	4.96E-06	5.60E-03	8.91E-03	1.73E-02	4.55E-03	5.20E-04	1.49E-04
	139	82	34	9	4	81	33	1.05E+01	3.74E+00	2.02E+01	2.23E+00	5.30E-01	2.16E+00	6.09E-01
	139	82	34	9	4	82	33	1.08E-02	8.79E-02	5.93E+00	8.05E-01	2.12E-01	4.36E-01	1.25E-01
	139	82	34	9	4	83	33	1.18E-05	9.53E-06	1.61E+00	2.32E-01	6.87E-02	1.02E-01	3.08E-02
[35]	345	70	30	9	4	57	20	#	#	2.48E-10	1.36E-10	7.71E-11	2.99E-10	7.88E-11
	345	70	30	9	4	58	20	#	#	1.86E-11	7.51E-12	4.96E-12	2.27E-11	6.21E-12
	345	70	30	9	4	59	20	8.00E-13	3.00E-13	8.51E-13	3.29E-13	2.55E-13	1.04E-12	2.95E-13
	345	70	30	9	4	60	20	2.10E-13	1.50E-13	3.51E-14	1.13E-14	1.01E-14	4.19E-14	1.24E-14
	345	70	30	9	4	61	20	#	#	1.28E-15	2.95E-16	3.04E-16	1.47E-15	4.50E-16
	345	70	30	9	4	62	20	#	#	3.53E-17	5.87E-18	6.76E-18	3.90E-17	1.24E-17
	345	70	30	9	4	63	20	#	#	5.75E-19	8.73E-20	1.11E-19	6.28E-19	2.08E-19
	345	70	30	9	4	64	20	#	#	3.79E-21	9.63E-22	1.33E-21	4.92E-21	1.73E-21
	345	70	30	9	4	65	20	#	#	5.84E-24	7.84E-24	1.18E-23	1.92E-23	8.04E-24
	345	70	30	9	4	66	20	#	#	9.14E-28	4.72E-26	7.92E-26	1.43E-25	1.28E-25
[36]	345	78	36	9	4	48	30	#	#	1.18E-18	6.22E-18	9.43E-18	5.41E-21	1.33E-21
	345	78	36	9	4	49	30	#	#	2.37E-17	2.53E-17	3.37E-17	1.53E-19	3.49E-20
	345	78	36	9	4	50	30	#	#	4.85E-16	1.39E-16	1.58E-16	4.38E-18	9.33E-19
	345	78	36	9	4	51	30	#	#	1.02E-14	1.09E-15	1.01E-15	1.28E-16	2.54E-17
	345	78	36	9	4	52	30	#	#	2.20E-13	1.28E-14	9.17E-15	3.78E-15	7.06E-16
	345	78	36	9	4	53	30	#	#	4.86E-12	2.27E-13	1.18E-13	1.14E-13	2.01E-14
	345	78	36	9	4	54	30	3.50E-12	1.90E-12	3.27E-10	5.98E-12	2.07E-12	1.03E-11	1.75E-12
	345	78	36	9	4	55	30	8.80E-10	3.40E-10	5.02E-09	2.18E-10	4.98E-11	2.10E-10	3.46E-11
	345	78	36	9	4	56	30	3.10E-08	1.10E-08	9.70E-08	9.78E-09	1.92E-09	5.36E-09	8.70E-10
	345	78	36	9	4	57	30	#	#	2.09E-06	4.62E-07	1.07E-07	1.51E-07	2.45E-08
	345	78	36	9	4	58	30	#	#	4.92E-05	1.92E-05	5.35E-06	4.59E-06	7.58E-07

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