

Erratum and Addendum: Analytical formula for the cross section of hadron 2 production from e^+e^- collisions around the narrow charmonium resonances (Chin. Phys. C, 48(11): 113104 (2024))*

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DOI: 10.1088/1674-1137/adb709 CSTR: 32044.14.ChinesePhysicsC.49039001

This paper was published online on 8 August 2024 with a typo sign in Eq. (3), plots in Fig. 5 being mistaken, and the acknowledgement of an author being missed. The function $F(x, s)$ in Eq. (3) in the published version of the journal should be corrected as:

$$F(x, s) = tx^{t-1}(1 + \delta) - t\left(1 - \frac{x}{2}\right) + \frac{t^2}{8} \left[4(2-x) \ln \frac{1}{x} - \frac{1+3(1-x)^2}{x} \ln(1-x) - 6+x \right]. \quad (1)$$

The parameters have the same meaning with those in the published version. The other formulas or conclusions remain unaffected. The plots for the comparison with $n = 2$ for a bayron pair in Fig. 5 in pubshlied version are corrected as Fig. 1 in this erratum.

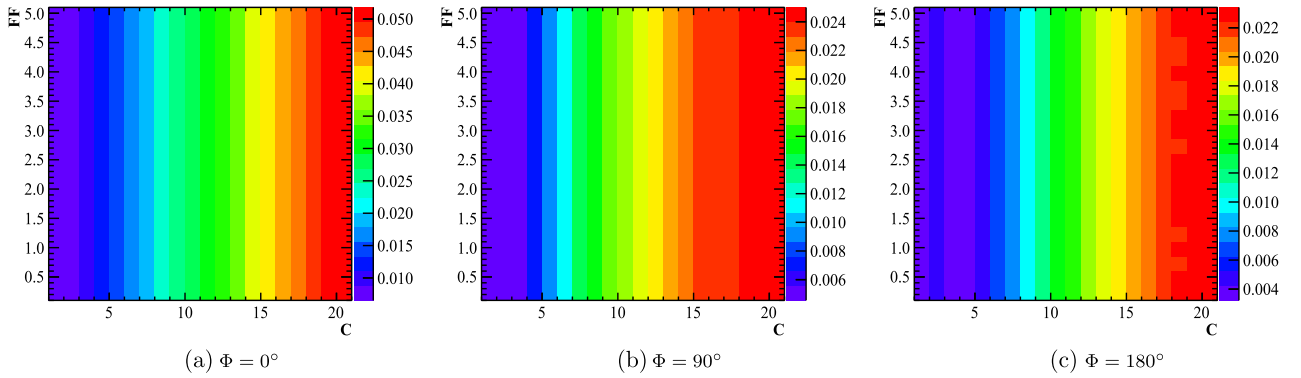


Fig. 1. (color online) Difference between DTFI and AAF with $n = 2$ in different assumptions of C , \mathcal{F} and Φ . The color in each box stands for the largest difference between 3.67 GeV to 3.70 GeV.

Received 17 February 2025; Accepted 18 February 2025; Published online 19 February 2025

* This work supported by the National Natural Science Foundation of China (12105100), the Natural Science Foundation of Beijing, China (JQ22002), and the Fundamental Research Funds for the Central Universities (2024MS048, 2023JC009)