

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

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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 publied version are corrected as Fig. 1 in this erratum.

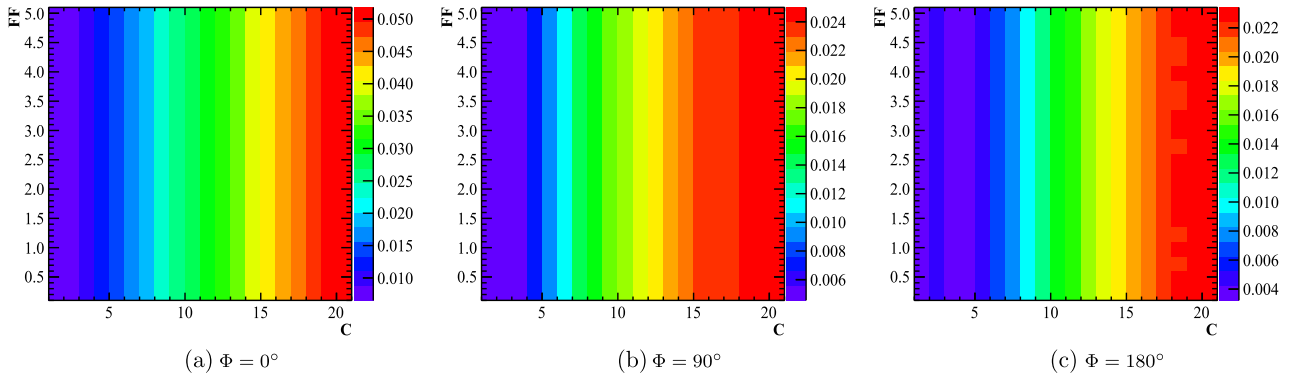


Fig. 1. (color online) Difference between DTFI and AAF with $n = 2$ in different assumptions of C , \mathcal{F} and Φ . The color in each box stands for the largest difference between 3.67 GeV to 3.70 GeV.

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