

## Erratum: Pion-pion scattering amplitude. II. Improved analysis above $\bar{K}K$ threshold [Phys. Rev. D **74**, 014001 (2006)]

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If using the parametrization of the K-matrix given in Eq. (2.4a), with the parameters of (2.4b), for energies above 920 GeV, a spurious, very narrow bump appears around 929 MeV. The simplest solution to this problem is to move slightly ( $0.2\sigma$ ) the parameter  $M_1$  and effect the matching with the low energy parametrization at 0.932 GeV (note, however, that for the polynomial fit in Appendix B we still match at 0.92 GeV). Thus, Eq. (2.4b) should read

$$\begin{aligned}
 \alpha_1 &= 0.727 \pm 0.014, & \alpha_2 &= 0.19 \pm 0.04, \\
 \beta_1 &= 1.01 \pm 0.08; & \beta_2 &= 1.29 \pm 0.03, \\
 M_1 &= 910.5 \pm 7 \text{ MeV}, & M_2 &= 1324 \pm 6 \text{ MeV}; \\
 \gamma_{11} &= 2.87 \pm 0.17, & \gamma_{12} &= 1.93 \pm 0.18, \\
 \gamma_{22} &= -6.44 \pm 0.17; & \delta_0^{(0)}((0.932 \text{ GeV})^2) &= 103.6 \pm 4.6^\circ.
 \end{aligned}
 \tag{2.4b}$$

The fit does not vary appreciably with these changes.

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