Corrigendum


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A R T I C L E   I N F O

Article history:
Received 28 January 2019
Accepted 30 January 2019
Available online 11 February 2019
Editor: A. Ringwald

A B S T R A C T

We correct a numerical mistake and mislabellings in Fig. 4. © 2019 The Author(s). Published by Elsevier B.V. All rights reserved.

In the four plots of Fig. 4, the y-axis label should read $2\langle\cos(2, 4)\phi\rangle$ instead of $\langle\cos(2, 4)\phi\rangle$ and, in addition, the curves of Fig. 4 (a) & (b) should be divided by 2. Overall, Fig. 4 should be replaced by a new figure (Fig. 1).

Correspondingly, in the section 6 and the caption of Fig. 4, $\langle\cos(2, 4, n)\phi\rangle$ should all read $2\langle\cos(2, 4, n)\phi\rangle$. On page 221, “$\langle\cos 2\phi\rangle$ nearly reaches 30%” should read “$2\langle\cos 2\phi\rangle$ nearly reaches 15%”. Our conclusions remain unchanged.

References


DOI of original article: https://doi.org/10.1016/j.physletb.2018.08.004.

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Fig. 1. $2\langle \cos n \phi_{CS} \rangle$ for $n = 2, 4$ computed for $|\cos \theta_{CS}| < 0.25$ and for $0.25 < \cos \theta_{CS} < 0.5$ for $|k_1^2| = 3.3 \text{ GeV}^2$ for 3 values of $M_{QQ}$ (8, 12 and 21 GeV) relevant respectively for the LHCb [1], CMS [2] and ATLAS [3] kinematics. The spectra are plotted up to $M_{QQ}/2$. Our results do not depend on $Y_{QQ}$. The uncertainty bands result from the use of both our models of $h_1^{+\pm}$. The solid line, which shows the largest asymmetries corresponds to the Model 2 (saturation of the positivity bound) and the dashed line to Model 1.