

Erratum: Is bottomonium suppression in proton-nucleus and nucleus-nucleus collisions at LHC energies due to the same effects?

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In the presence of a relative suppression of the different quarkonium states and due to the feed downs, the statement on pg. 1 & 2 “one is entitled [...] to square the measured suppression factor [12] in p Pb collisions to extrapolate to PbPb collisions.” is unfortunately incorrect. As such, the extrapolated values in eq. (1.1) are not correct and should be disregarded. Such an extrapolation is in fact not possible without knowing all the involved yields and feed downs.

We however stress that this mistake only applies to this introductory statement and does not affect our results, which follow from a complete computation of the yield suppressions and of their effect on the lower lying states via feed downs.

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We would like to thank Michael Strickland who drew our attention, during a discussion at the Munich Institute for Astro- and Particle Physics (MIAPP) programme “Probing the quark-gluon plasma with collective phenomena and heavy quarks”, to this issue.

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