

Erratum: Initial baryon stopping and angular momentum in heavy-ion collisions **[Phys. Rev. C 112, 064911 (2025)]**

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(Received 9 July 2026; published 26 August 2026)

DOI: [10.1103/xjyw-gqfh](https://doi.org/10.1103/xjyw-gqfh)

During the process of preparing certain figures in the original paper, an inadvertent error occurred in the dataset for the calculation of the top two collision energies, 200 and 500 GeV. As a result, the original Figs. 5, 6, 7, 8, and 9 were not accurate. The corrected figures are shown below. The changes are minor in all cases. The rest of the paper is unaffected, and all the findings remain the same.

Also, there is a typo in the brackets for Eq. (8); it should read

$$(n_A - n_B) \sinh(Y_A) = \lambda \{ [n_A + n_B \cosh(2eY_A)] \sinh(Y'_A) - n_B \sinh(2eY_A) \cosh(Y'_A) \}. \quad (8)$$

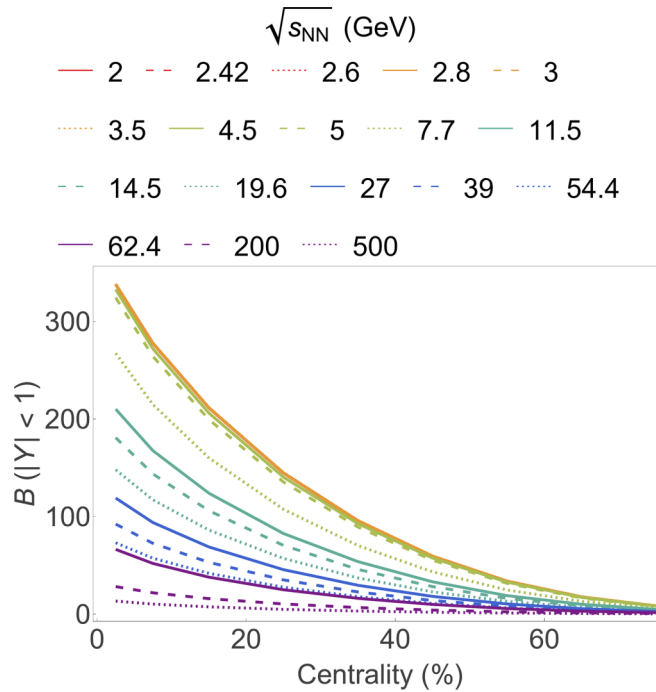


FIG. 5. The net baryon number B in midrapidity $|Y| < 1$ versus centrality at different beam energies $\sqrt{s_{NN}}$. Note that some of the lowest energies produce visually indistinguishable curves here.

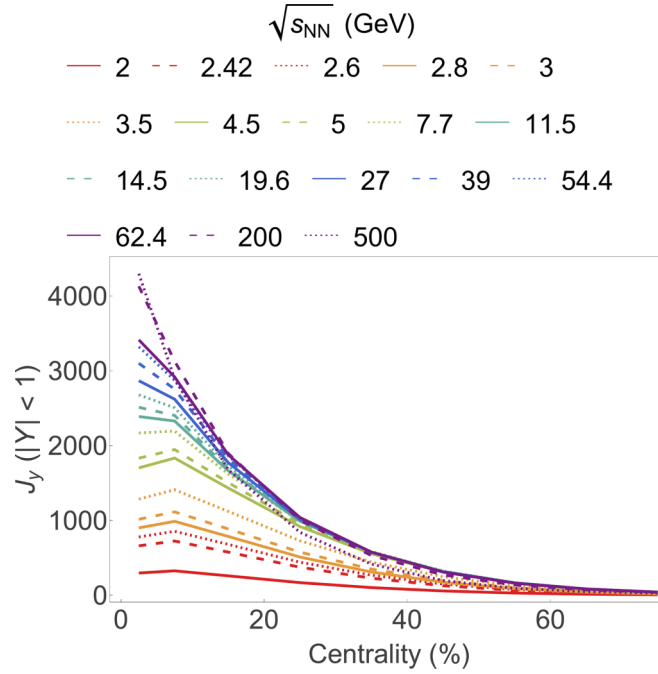


FIG. 6. The angular momentum J_y in midrapidity $|Y| < 1$ versus centrality at different beam energies $\sqrt{s_{NN}}$. Note that some of the curves become visually indistinguishable, especially for some of the highest energies and in the peripheral region.

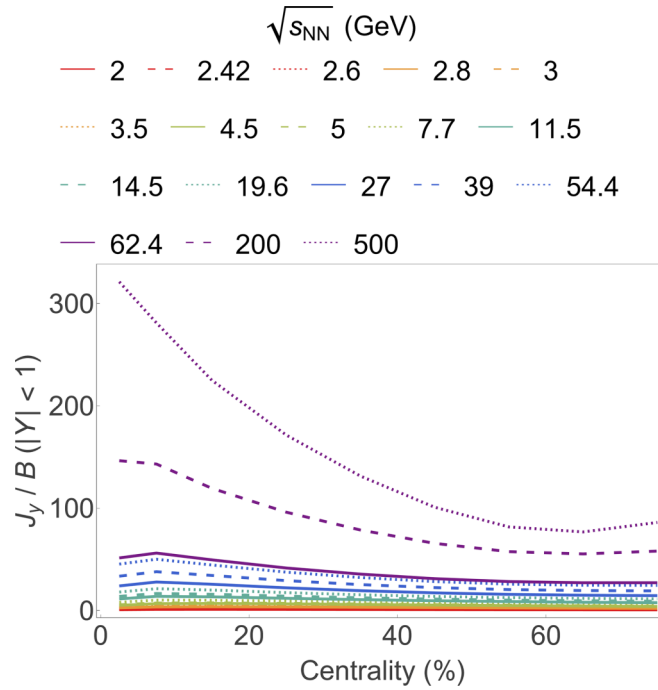


FIG. 7. The ratio J_y/B in midrapidity $|Y| < 1$ versus centrality at different beam energies $\sqrt{s_{NN}}$. Note that some of the lowest energies produce nearly indistinguishable curves here.

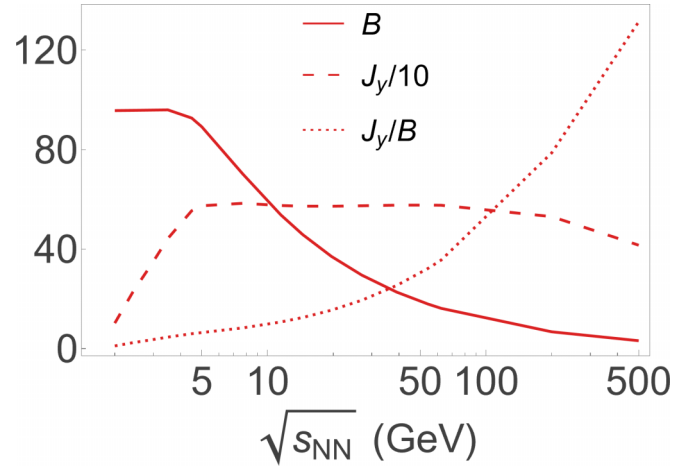


FIG. 8. The quantities B , J_y , and J_y/B in midrapidity ($|Y| < 1$) versus beam energy $\sqrt{s_{NN}}$ for 30–40% centrality collisions.

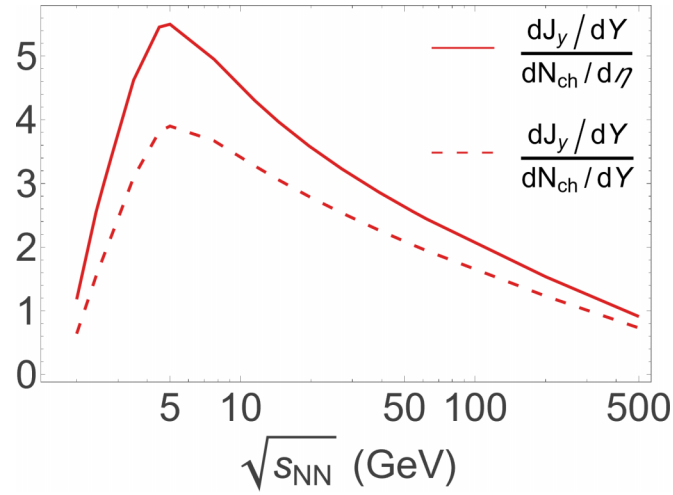


FIG. 9. The dependence of ratios $\frac{dJ_y/dY}{dN_{ch}/d\eta}$ (solid line) and $\frac{dJ_y/dY}{dN_{ch}/dY}$ (dashed line) in midrapidity on beam energy $\sqrt{s_{NN}}$ for 30–40% centrality collisions. See text for details.