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Erratum

Erratum to: Measurements of Ξ^- and $\overline{\Xi}^+$ production in proton–proton interactions at $\sqrt{s_{NN}}$ = 17.3 GeV in the NA61/SHINE experiment

NA61/SHINE Collaboration

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This Erratum replaces incorrect plots shown in Fig. 7 with the corrected ones. In the publication, the NA57 [1] ratios of Ξ^- and $\overline{\Xi}^+$ to the number of wounded nucleons at $\langle N_W \rangle = 349$ by mistake were plotted at the wrong values. The ratios were calculated and plotted by mistake using $\langle N_W \rangle = 249$.

The correct normalization does not change the conclusions of the paper. The correctly normalized results are presented in Fig. 7.

The corrected version of the article is also available on the arXiv (arXiv:2006.02062).

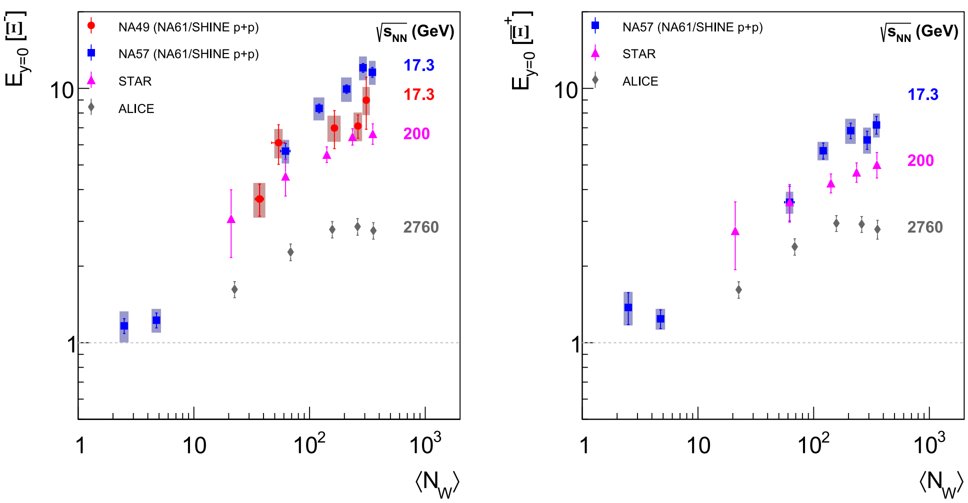

Fig. 7 The strangeness enhancement E at the mid-rapidity as a function of average number of wounded nucleons $\langle N_W \rangle$ calculated as a ratio of rapidity density for Ξ^- production (*left*) and $\overline{\Xi}^+$ production (*right*) in nucleus-nucleus interactions per $\langle N_W \rangle$ divided by the corresponding value for p+p interactions. Red circles – NA49 Pb+Pb at 158A GeV [2], blue squares – NA57 p+Be, p+Pb and Pb+Pb at the same center-of-mass energy $\sqrt{s_{NN}}$ = 17.3 GeV [1], magenta triangles – STAR Au+Au at $\sqrt{s_{NN}}$ = 200 GeV [3], gray diamonds – ALICE Pb+Pb at $\sqrt{s_{NN}}$ = 2.76 TeV [4]. The systematic errors are represented by shaded boxes

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