



Corrigendum

Corrigendum to “Multi-strange baryon production at mid-rapidity in Pb–Pb collisions at  $\sqrt{s_{NN}} = 2.76$  TeV” [Phys. Lett. B 728 (2014) 216–227]



ALICE Collaboration

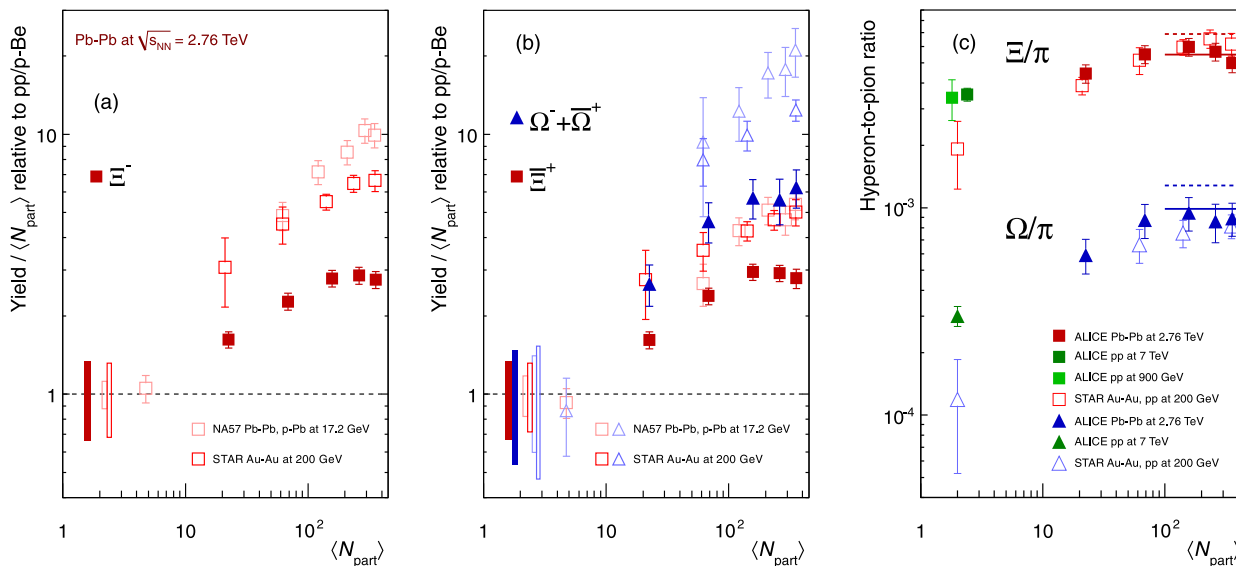
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ABSTRACT

We correct an error affecting the plotting of Fig. 5 in Phys. Lett. B 728 (2014) 216 (arXiv:1307.5543). © 2014 The Authors. Published by Elsevier B.V. This is an open access article under the CC BY license (<http://creativecommons.org/licenses/by/3.0/>). Funded by SCOAP<sup>3</sup>.

We have identified an error that occurred when transferring the results based on the total  $\Xi^- + \bar{\Xi}^+$  and  $\Omega^- + \bar{\Omega}^+$  yields, as quoted in [1] (for ALICE) and taken from [2] (for the STAR Collaboration), in Fig. 5(b) and (c). The problem mainly affected the uncertainties in the  $\Omega^- + \bar{\Omega}^+$  enhancement for ALICE and in the cascade-to-pion ratios both from the ALICE and STAR measurements. These were shown underestimated by about 25–30%. A revised version of Fig. 5, with corrected panels (b) and (c), is provided below.



**Fig. 5.** (a), (b) Enhancements in the rapidity range  $|y| < 0.5$  as a function of the mean number of participants ( $\langle N_{part} \rangle$ ), showing LHC (ALICE, full symbols), RHIC and SPS (open symbols) data. The LHC data use interpolated pp values. Boxes on the dashed line at unity indicate statistical and systematic uncertainties on the pp or p-Be reference. Error bars on the data points represent the corresponding uncertainties for all the heavy-ion measurements and those for p-Pb at the SPS. (c) Hyperon-to-pion ratios as a function of  $\langle N_{part} \rangle$ , for A-A and pp collisions at LHC and RHIC energies. The lines mark the thermal model predictions from [3] (full line) and [4] (dashed line).

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**References**

- [1] B. Abelev, et al., ALICE Collaboration, *Phys. Lett. B* 728 (2014) 216.
- [2] J. Adams, et al., STAR Collaboration, *Phys. Rev. Lett.* 98 (2007) 62301.
- [3] A. Andronic, P. Braun-Munzinger, J. Stachel, *Phys. Lett. B* 673 (2009) 142;  
A. Andronic, P. Braun-Munzinger, J. Stachel, *Phys. Lett. B* 678 (2009) 516 (Erratum).
- [4] J. Cleymans, I. Kraus, H. Oeschler, K. Redlich, S. Wheaton, *Phys. Rev. C* 74 (2006) 034903.