





Collision energy dependence is observed as a function of  $\langle dN_{ch}/d\eta \rangle$  in Pb—Pb collisions [2]. The dependence disappears when plotted as a function of  $\langle N_{part} \rangle$ . In heavy-ion collisions, a clear deviation from simple superposition scenario of particle emitting sources is observed as a function of multiplicity.
 The source of deviation from perfect scaling in heavy-ion collisions could be looked at by investigating the events on the basis of their hardness and softness.

[1] L. Stodolsky, Phys. Rev. Lett. 75, 1044–1045 (1995).
[2] S. T. Heckel Eur. Phys. J. C (2014) 74:3077(2014).

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