

Rapid change of multiplicity fluctuations in system size dependence at SPS energies

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Recent results on multiplicity fluctuations in p+p, Be+Be and Ar+Sc collisions from the NA61/SHINE collaboration will be presented. The scaled variance of charged hadron multiplicity changes little when going from p+p to Be+Be collisions and drops dramatically from Be+Be to Ar+Sc. The centrality selection procedure and the influence of volume fluctuations will be discussed. Comparison with the EPOS MC generator will be shown.

Primary author(s) : Mr. SERYAKOV, Andrey (SPSU)

Presenter(s) : Mr. SERYAKOV, Andrey (SPSU)

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