

## **Freezeout Parametr from the higher moments of net-charge fluctuations using UrQMD model at NICA energies**

Different hadron ratios are analyzed by the Hadron Resonance Gas (HRG) and UrQMD models and compared with the measured one at huge range of nucleon-nucleon center-of-mass energies. The higher moments of net-charge are calculated using the considered two models. This encourage us to deduce the freezeout parameters at different energies, especially at NICA energies(4-11 GeV). The results are compared with other works and with the latest lattice QCD calculations. The comparison are including different freezeout conditions. We find that the estimated freezeout parameters from the higher moments of net-charge and that are calculated from the thermal model are almost similar.

### **Summary**

the freezeout parameters at different energies, especially at NICA energies(4-11 GeV) are calculated from the higher moments of net-charge using two different models.

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**Track Classification:** Theoretical Physics