Contribution ID: **936** Type: **Poster**

Performance of Elliptic Flow Studies at NICA / MPD

Tuesday 15 May 2018 19:10 (30 minutes)

The Nuclotron-based Ion Collider fAcility (NICA) is a new accelerator complex being constructed at the Joint Institute for Nuclear Research (JINR). The general goal of the project is to study the hot and dense baryonic matter in heavy ion collisions in the energy range up to $\sqrt{s_{NN}}$ = 11 GeV and average luminosity of $L = 10^{27}$ cm^{-2}s^{-1} for Au+Au collisions. Anisotropic flow presents a unique insight into heavy ion collision physics. Presented are simulation results for performance in elliptic flow (v_2) measurements by the Multi-Purpose Detector (MPD) for identified and reconstructed hadrons.

Content type

Experiment

Collaboration

NICA / MPD

Centralised submission by Collaboration

Presenter name already specified

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