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Modelling Au-Au collisions in NICA collider energy spectrum using MPD programming environment

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The main goal of this work was to perform Au+Au collisions generated within UrQMD model for different energies of NICA beam energy range. In order to obtain events generations, as well as physical analysis MPDroot environment was used. All the work was automatized via created macros and performed at NICA cluster. Simulations were held for intermediate energies of 4,7,9 and 11GeV.

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