

A Monte Carlo Study of Hypernuclei production at NICA/MPD

Wednesday, 24 October 2018 17:50 (15)

The main goal of the NICA/MPD facility is a study of the properties of hot and dense baryonic matter. One of possible ways is to study of strangeness production in nuclear collisions. The enhance production of strange particles in heavy-ion collision is consider to be signal for quark-gluon plasma formation. In this talk MPD detector abilities to measure different hypernuclei species in Au+Au collisions at NICA energy region, will be presented.

Primary author(s) : ILIEVA, Mariya (JINR)

Presenter(s) : ILIEVA, Mariya (JINR)

Session Classification : Facilities and Advanced Detector Technologies

Track Classification : Facilities and advanced detector technologies