

MONTE-CARLO STUDIES OF THE MPD DETECTOR PERFORMANCE FOR THE MEASUREMENT OF HYPERTRITONS IN HEAVY-ION COLLISIONS AT NICA ENERGIES

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Heavy-ion collisions at NICA energies provide a unique opportunity for the study of the production of hypernuclei in dense baryonic matter. The details of the reconstruction procedure for hypertritons with the MPD detector in Bi + Bi collisions at NICA energies are presented.

Столкновения тяжелых ионов при энергиях NICA дают уникальный шанс для исследования образования гиперядер в плотной барионной материи. В данной работе представлены детали процедуры реконструкции гипертрионов в детектора MPD для реакций Bi + Bi при энергиях NICA.

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