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Directed flow of protons and deuterons in heavy-ion collisions at BM@N

In heavy ion collisions at the beam energy of several GeV per projectile nuclei hot and dense strongly interacting matter being produced at high baryon densities. One of the observables sensitive to the properties of this matter is the azimuthal anisotropy of the created in the collision particles. We present the results on the measured directed flow of protons and deuterons from the recent physical data of Xe+CsI at $E_{kin} = 3.8A$ GeV from the BM@N experiment.

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