

Scaling relations for anisotropic flow at NICA energies

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Measurements of the anisotropic collective flow of particles produced in relativistic heavy ion collisions play an important role in the study of the transport properties of strongly interacting matter.

In this paper we present the results of the most complete systematic study of the dependence of the anisotropic collective fluxes on the collision energy from 2.4 GeV to 11 GeV based on the available data and discuss them using different scaling relations for the azimuthal anisotropy.