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Systematic study of anisotropic flow in relativistic heavy-ion collisions

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 work we present the results of the most complete systematic study of the dependence of the anisotropic collective flow on the collision energy from 2.4 GeV to 5.76 TeV based on the available experimental data and discuss them using different scaling relations for the azimuthal anisotropy and comparison with models.

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