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Study of the beam energy dependence of anisotropic flow in relativistic heavy ion collisions using scaling relations.

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Anisotropic flow measurements of produced particles in relativistic heavy-ion collisions play an essential role in the studies of transport properties of the strongly interacting matter. In this work we provide the results of the most comprehensive systematic study of the beam energy dependence of anisotropic flow based on existing data and discuss them using different scaling relations for azimuthal anisotropy.

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