

Scaling properties of collective effects at RHIC

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Azimuthal anisotropy is one of the key observables to study the properties of matter created in high energy heavy-ion collisions at RHIC and LHC. The collective behavior is quantified in terms of anisotropy coefficients v_n measured with respect to their corresponding event planes. Predictions from the viscous hydrodynamics for the scaling of the anisotropic flow coefficients v_n with eccentricity, system size and transverse energy are tested using the recent data from the PHENIX Collaboration.

Presentation type

Section talk (10+5 min)

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