

Anisotropic flow from ALICE

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We report on the measurements of anisotropic flow with the ALICE detector at the LHC. For charged particles we present the first triangular, quadrangular and pentagonal flow measurements. The flow of charged and identified particles is compared to hydrodynamic model predictions at low- p_t and for identified particles at intermediate- p_t the so-called number of constituent quark scaling is investigated. At higher transverse momentum we compare the elliptic flow results with expectation from parton energy loss.

For the integrated elliptic flow we show the scaling with the initial eccentricity and we quantify the magnitude of the event by event fluctuations.

These results indicate strong collective flow and are consistent with expectations for the created hot and dense system created at the LHC.

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