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Flow harmonic measurements up to order 10 in PbPb collisions with CMS

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Higher order flow harmonics provide a powerful probe of the initial geometry of heavy ion collisions, as well as the properties of the quark-gluon plasma produced in these collisions, including the transport coefficients and the degree of collective behavior. This poster presents higher order flow harmonics measurements in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV using data from the CMS experiment. We will discuss the centrality dependence of flow harmonics up to order 10 and compare them to theory calculations and lower order measurements.

Category

Experiment

Collaboration (if applicable)

CMS

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