

10th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions



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Azimuthal anisotropy of Upsilon states in PbPb collisions with the CMS experiment

Measurement of the azimuthal anisotropy (v_2) of the hadrons in heavy-ion collisions has provided significant information on the collective behavior of the Quark-Gluon Plasma. In the case of bottomonia states, the contribution from late-stage recombination effects is smaller since the bottom quark is much heavier than the temperature scale of the QGP. In this presentation, we will review the measurement of the second order Fourier coefficient v_2 of the azimuthal flow of $\Upsilon(1S)$ and $\Upsilon(2S)$ meson in PbPb collisions at 5.02 TeV with the CMS detector.

Collaboration (if applicable)

CMS

Track

Heavy Flavor and Quarkonia

Contribution type

Poster

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