Beitrag ID: **299** Typ: **Talk**

Anisotropic flow in small systems

Mittwoch, 29. März 2023 10:00 (20 Minuten)

Small systems display large anisotropic flow coefficients that can potentially be interpreted as a hydrodynamic signal. At these moderate multiplicities anisotropic flow is however relatively sensitive to subtle effects. These include the precise experimental procedure, rapidity coverage and gaps as well as effects due to resonance decays. In this talk we quantify these effects for pPb, OO and PbPb collision using the Trajectum framework including systematic uncertainties, so that a reliable hydrodynamic baseline can be attained.

Experiment/Theory

Theory/Phenomenology

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Sitzung Einordnung: Parallel: Early-Time Dynamics & nPDFs

Track Klassifizierung: Early time dynamics and nuclear PDFs