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Flow measurements at LHCb

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Particle correlations are powerful tools for studying quantum chromodynamics in hadron collisions. In heavy-ion collisions, azimuthal angular correlations probe collective phenomena in hot, dense, nuclear media, such as QGP. In small collision systems, they could point to final-state effects or potential initial-state correlations. The LHCb experiment has the unique ability to study particle correlations in high-energy hadron collisions at forward rapidity, exploring a unique region with respect to other experiments, where longitudinal expansion becomes more important. In this contribution, recent results on collective flow from the LHCb experiment will be discussed

Category

Experiment

Collaboration (if applicable)

LHCb

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