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Bulk physics in small systems at LHCb

The LHCb experiment's forward acceptance offers a unique opportunity to study bulk physics in heavy-ion collisions. Properties of bulk particle production, such as the average transverse momentum of charged particles, are sensitive to both collective phenomena and the initial state of heavy-ion collisions. Bulk physics measurements in small collision systems can reveal the interplay between initial- and final-state effects in heavy-ion collisions, and can provide new insights into the origins of collective phenomena. In this contribution, new bulk physics measurements from the LHCb experiment will be presented.

Category

Experiment

Collaboration (if applicable)

LHCb

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