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Studies of nucleon structure at LHCb

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The LHCb detector's forward geometry provides unprecedented access to the very low regions of Bjorken x inside the nucleon. LHCb is able to study charged and neutral light hadron production, as well as relatively rare probes such as heavy quark. These data provide unique constraints on nuclear parton distributions. This contribution will discuss recent LHCb measurements sensitive to the low- x structure of nucleons, and discuss the impact of recent LHCb measurements on global analyses of nuclear parton distributions

Category

Experiment

Collaboration

LHCb

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