Contribution ID: **84** Type: **not specified**

Probing low-x phenomena at LHCb

Tuesday 27 September 2022 10:40 (20 minutes)

The LHCb detector is able to probe kinematic coverage at low Bjorken-x down to 1e-5 or lower due to its forward rapidity coverage. In this talk, studies of vector boson and hadron production in proton-proton and proton-lead collisions are presented. The Z boson events are used to probe the proton structure while a relatively unknown low-x region is studied with charged and neutral hadron production. Comparisons to theoretical model calculations are also discussed.

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Session Classification: Low x, PDFs and hadronic final states

Track Classification: Low x, PDFs and hadronic final states