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# Constraining the low $x$ structure of nuclei with 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. With full particle ID and a fast DAQ, LHCb is able to fully reconstruct plentiful charged particles and neutral mesons, as well as relatively rare probes such as heavy quarks, providing a unique set of constraints on nucleon structure functions. This contribution will discuss recent LHCb measurements sensitive to the low- $x$  structure of nucleons, and discuss the impact of recent LHCb measurements that dramatically reduce nPDF uncertainties.

## Category

Experiment

## Collaboration (if applicable)

LHCb

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