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Forward Physics at LHCb

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Summary

Due to its unique pseudorapidity coverage and the possibility of providing measurements at low transverse momenta, LHCb allows a unique insight into particle production in the forward region at the LHC. We report on electroweak boson production at sqrt(s)=7TeV, and Drell-Yan production, which is sensitive to Bjorken-x values as low as 1x10^-5. We show results for exclusive dimuon production, both for muon pairs production through two photon fusion and observations of exclusive J/psi, psi0 and chi_c. We present results on forward energy flow for inclusive minimum bias interactions, hard scattering processes and events with enhanced or suppressed fractions of diffractive contributions

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