



Contribution ID: 79

Type: **Talk**

Studies of Onia and Strangeness Production in Proton-proton Collisions at LHCb

Friday, 26 July 2013 15:40 (20 minutes)

Studies of strangeness and quarkonia production in the forward region provide important input to the understanding of QCD models in a kinematical range where they have large uncertainties. The LHCb experiment has collected a dataset corresponding to an integrated luminosity of about 3 fb^{-1} in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV , as well as smaller samples recorded with other LHC operating modes. We present the latest studies of the production of kaons, Lambda baryons, and quarkonia states.

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Session Classification: Quarkonia/Heavy Flavour