



ID contributo: 182

Tipo: non specificato

## QCD measurements in the forward acceptance at the LHC

*venerdì 12 settembre 2014 09:30 (20 minuti)*

Due to its unique pseudorapidity coverage and the possibility of extending measurements to low transverse momenta, LHCb allows studies of different QCD processes in a kinematic range where models have large uncertainties. We present charged particle multiplicity measurements, different with respect to transverse momentum and pseudorapidity, as well as recent results on the energy flow and inelastic cross-section.

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**Classifica Sessioni:** Forward physics in Hadron-Hadron Collisions (I)

**Classificazione della track:** Forward physics in hadron-hadron collisions