



**HEP 2013
Stockholm
18-24 July 2013**



Contribution ID: 242

Type: **Talk presentation**

Studies of soft QCD at LHCb

Friday 19 July 2013 17:15 (15 minutes)

Due to its unique pseudorapidity coverage and the possibility of extending measurements to low transverse momenta, LHCb provides important input to the understanding of particle production in a kinematical range where QCD models have large uncertainties. Measurements of charged, strange and charmed particle production and energy flow are performed in the approximate pseudorapidity range $2 < \eta < 5$, which corresponds to the acceptance of the LHCb spectrometer. The results are compared to predictions given by several Monte Carlo event generators.

Author: CALVI, Marta (Universita & INFN, Milano-Bicocca (IT))

Presenter: MEISSNER, Marco (Ruprecht-Karls-Universitaet Heidelberg (DE))

Session Classification: QCD

Track Classification: QCD