

7000 GeV pp

Soft QCD

 $(\bar{p}+p)/(K^+ + K^-)$  vs  $|y|$  ( $0.8 < p_T < 1.2$  GeV)

- LHCb
- Pythia 6.427 350
- △— Pythia 6.427 370
- Pythia 6.427 p0
- - □ - - Pythia 6.427 p2010

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

LHCB\_2012\_I1119400

Ratio to LHCb

2

1

0.5

 $\eta$ 