

7000 GeV pp

Soft QCD

 $(K^-/K^+)/(\pi^+\pi^-)$ vs $|y|$ ($p_T > 1.2$ GeV) $(K^+ + K^-)/(\pi^+ + \pi^-)$

- LHCb
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.180 default

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1119400

Ratio to LHCb

2
1
0.52
1
0.52.5 3 3.5 4 4.5
 η 