

7000 GeV pp

Soft QCD

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

- LHCb
- △ Pythia 6.427 370
- -■ Pythia 6.427 default
- ...☆ Pythia 6.427 pro-q2o

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1119400

Ratio to LHCb

2

1

0.5

 η

2.5 3 3.5 4 4.5

3 2 1 0.5

1.8 1.6 1.4 1.2 1.0 0.8 0.6 0.4 0.2 0.0

1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0