

7000 GeV pp

Soft QCD

 $(K^-/K^+)/(\pi^-\pi^+)$ vs $|y|$ ($0.8 < p_T < 1.2$ GeV) $(K^+ + K^-)/(\pi^+ + \pi^-)$

- LHCb
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.170 default

Rivet 3.1.10, $\geq 100k$ 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