

7000 GeV pp

Soft QCD

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

- LHCb
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

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