

7000 GeV pp

Soft QCD

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

- LHCb
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.308 default

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

2

1

0.5

 $\eta$ 

2.5 3 3.5 4 4.5