

7000 GeV pp

Soft QCD

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

- LHCb
- Pythia 6.424 p0
- - □ - - Pythia 6.424 p2010

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

2

1

0.5

2.5 3 3.5 4 4.5

 $\eta$ 