

7000 GeV pp

Soft QCD

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

- LHCb
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.170 default

Rivet 3.1.10, ≥ 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

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