

7000 GeV pp

Soft QCD

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

- LHCb
- - □ Herwig 7.2.1 default
- ... ♦ Sherpa 1.4.3 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

 η 