

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
- - ▲ Pythia 8.186 default
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

