

7000 GeV pp

Soft QCD

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

- LHCb
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ...◆ Sherpa 1.4.5 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