

7000 GeV pp

Soft QCD

 $(K^-/K^+)/(\pi^-\pi^+) \text{ vs } |y| \text{ (} 0.0 < p_T < 0.8 \text{ GeV)}$

- LHCB
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.180 default
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1119400

Ratio to LHCB

2

1

0.5

 η

3

3.5

4

4.5