

7000 GeV pp

Soft QCD

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

- LHCb
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.240 default
- - ◆ Sherpa 1.4.0 default

Rivet 3.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

 $\eta$ 