

7000 GeV pp

Soft QCD

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

- LHCb
- Herwig 7.2.0 default
- ▲ Pythia 8.150 default
- ...◆ Sherpa 1.2.2p default

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

2

1

0.5

 $\eta$ 