

7000 GeV pp

Soft QCD

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

- LHCb
- Herwig 7.2.1 default
- ▲ Pythia 8.212 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

 $\eta$ 

2.5

3

3.5

4

4.5