

7000 GeV pp

Soft QCD

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

- LHCb
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb\_2012\_I1119400)

Ratio to LHCb

1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.02  
1  
0.5  
0.0