

7000 GeV pp

Soft QCD

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

- LHCb
- - □ Herwig 7.2.1 default
- ... ♦ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1119400

Ratio to LHCb

2

1

0.5

 η

2.5

3

3.5

4

4.5