

7000 GeV pp

Soft QCD

 $\bar{p}/p$ $\bar{p}/p$ ratio at $\sqrt{s}=7$ TeV ($p_T > 1.2$ GeV)

- LHCb
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ▲ Pythia 8.315 default
- ... ♦ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB_2012_I1119400)

Ratio to LHCb

2

1

0.5

 η

2.5

3

3.5

4

4.5