

7000 GeV pp

Soft QCD

 $\bar{p}/p$ $\bar{p}/p$ ratio at $\sqrt{s}=7$ TeV ($0.0 < p_T < 0.8$ GeV)

- LHCB
- △ Pythia 6.428 370
- - * Pythia 6.428 379
- - △ Pythia 6.428 ambt1
- - ● Pythia 6.428 z2

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2012_I1119400)

Ratio to LHCb

2

1

0.5

 η

3

3.5

4

4.5