

7000 GeV pp

Soft QCD

 $\bar{p}/p$ $\bar{p}/p$ ratio at $\sqrt{s}=7$ TeV ($0.8 < p_T < 1.2$ GeV)

- LHCb
- ▲— Pythia 8.235 default
- -▼- Pythia 8.235 tune-AU2
- ··◇·· Pythia 8.235 tune-AU2lox
- ··□·· Pythia 8.235 tune-AU2loxx
- ★— Pythia 8.235 tune-AU2m

Rivet 4.1.0, $\geq 100k$ 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