

7000 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.212 default
- -▼ Pythia 8.212 tune-1
- -● Pythia 8.212 tune-2c

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

3 2 1 0

0.1 0.2 0.3 0.4 0.5