

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 6.427 345
- Pythia 6.427 346
- △- Pythia 6.427 370
- △- Pythia 6.427 ambt1
- Pythia 6.427 z1
- Pythia 6.427 z2

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