

7000 GeV pp

Soft QCD

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

1.8

1.6

1.4

1.2

1

0.8

0.6

2

1

0.5

LHCb

Pythia 8.108.p1 default

Rivet 3.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

LHCb_2012_I1119400

Ratio to LHCb

2.5

3

3.5

4

4.5

 η