

7000 GeV pp

Soft QCD

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

- 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:1306.3436]

(LHCB_2012_I1119400)

Ratio to LHCb

1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

2
1
0.5

2
1
0.5

2.5 3 3.5 4 4.5