

900 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

Rivet 3.1.10, ≥ 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

1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
2
1
0.5