

7000 GeV pp

Soft QCD

 $p_T(\pi^0) (9.6 < |y| < 10.0, p_T < 0.6 \text{ GeV})$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

1
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}

- LHCf
- Pythia 6.428 350
- △ Pythia 6.428 370
- △ Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

(LHCF_2012_I1115479)

Ratio to LHCf

2
1
0.5

2
1
0.5

0 0.1 0.2 0.3 0.4

