

7000 GeV pp

Soft QCD

 $p_T(\pi^0)$ ($9.4 < |y| < 9.6$, $p_T < 0.6$ GeV)Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

- LHCf
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

(LHCF_2012_I1115479)

Ratio to LHCf

0.5

1

2

0

0.2

0.4

2

1

0.5

