

7000 GeV pp

Soft QCD

 $p_T(\pi^0)$ ($9.4 < |y| < 9.6$, $p_T < 0.6$ GeV)

Rivet 3.1.10, 1M events

mcplots.cern.ch [arXiv:1306.3436]

■ LHCf
—▲ Pythia 8.186 default

(LHCF_2012_I1115479)

Ratio to LHCf

0.5

1

2

0.5

1

2

0

0.2

0.4