

7000 GeV pp

Soft QCD

 $p_T(\pi^0) (8.9 < |y| < 9.0, p_T < 0.6 \text{ GeV})$ $1/\sigma_{\text{inel}} E d^3\sigma/dp^3 [\text{GeV}^{-2}]$ Rivet 3.1.10, $\geq 2.6 \text{ M events}$

mcplots.cern.ch [arXiv:1306.3436]

- LHCf
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-1
- Pythia 8.308 tune-2c
- Pythia 8.308 tune-2m

LHCF_2012_I1115479

Ratio to LHCf

