

7000 GeV pp

 $t\bar{t}$ $t\bar{t}$ cross-section vs. 5th jet $\{p\}_T$ $d\sigma/dp\}_{T}$ [pb/GeV]

- ATLAS
- - ■ Pythia 6.427 359
- - △ Pythia 6.427 370
- ▲ Pythia 6.427 a
- - ▼ Pythia 6.427 dw
- ■ Pythia 6.427 p0
- - * Pythia 6.427 pro-q2o

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

(ATLAS_2014_I1304688)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.52
1
0.5

50

100

150

5th jet $\{p\}_T$ [GeV]