

7000 GeV pp

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

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.165 default

1
 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
0.5

2
1
0.5

50

100

150

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