

7000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.235 default

1

10^{-1}

10^{-2}

10^{-3}

10^{-4}

(ATLAS_2014_I1304688)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

50

100

150

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