

7000 GeV pp

 $t\bar{t}$ $t\bar{t}$ cross-section vs. 3rd jet $\{p\}_T$ $d\sigma/dp\}_{\{T\}}$ [pb/GeV]

1

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

- ATLAS
- Pythia 6.427 350
- △— Pythia 6.427 370
- Pythia 6.427 p0
- - □ - - Pythia 6.427 p2010

(ATLAS_2014_I1304688)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

3rd jet $\{p\}_T$ [GeV]