

7000 GeV pp

 $t\bar{t}$ $d\sigma/dn_{\text{jets}} [\text{pb}]$ $t\bar{t}$ cross-section vs. jet multiplicity for jets above 80 {GeV}

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ☆ Pythia 6.428 397
- ▼ Pythia 6.428 398

 10^{-1} 10^{-2} 10^{-2}

(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

1

2

3

 $\{n_{\text{jets}}\} (\{p_{\text{T}}^{\text{jet}}\} > 80 \text{ {GeV}})$