

7000 GeV pp

 $t\bar{t}$ $d\sigma/dn_{\text{jets}} [\text{pb}]$ $t\bar{t}$ cross-section vs. jet multiplicity for jets above 25 {GeV}

10

1

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

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- + Pythia 6.428 349
- △ Pythia 6.428 370

(ATLAS_2014_I1304688)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

 $\{n\}_{\text{jets}} (\{jet p_T > 25 \text{ GeV}\})$ 