

7000 GeV pp

 $t\bar{t}$ $d\sigma/dn_{\text{jets}}$ [pb] $t\bar{t}$ cross-section vs. jet multiplicity for jets above 60 [GeV]

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⬢ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

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

(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 $\{n_{\text{jets}}\} (\{jet p_T > 60 \text{ [GeV]})$ 