

7000 GeV pp

 $t\bar{t}$ $t\bar{t}$ cross-section vs. jet multiplicity for jets above 40 {GeV} $d\sigma/dn_{\text{jets}}$ [pb]

10

1

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

ATLAS



Pythia 8.307 ppthermNoScat

(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

2

4

 $\{n\}_{\text{jets}} (\{jet p_T > 40 \text{ GeV}\})$