

13000 GeV pp

 $t\bar{t}$ Boosted $l+jets$

■ ATLAS

— Pythia 8.315 qcdcr0qq1

 $1 / \sigma d^2\sigma / dN_{\{extra\ jet\}}^{t\bar{t}} d m_{t\bar{t}} [1/GeV]$ 10^{-3} 10^{-4}

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m_{t\bar{t}} [\{GeV\}], N_{\{extra\ jet\}}^{t\bar{t}} = 1$ 