

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 vincia-default

 $1 / \sigma d^2\sigma / dN_{\text{extra jet}}^{t\bar{t}} d m_{t\bar{t}} [1/\text{GeV}]$
 10^{-4} 10^{-5}

0.5

1000

2000

3000

 $m_{t\bar{t}} [GeV], N_{\text{extra jet}} = 0$

Ratio to ATLAS

2

1

2

1

0.5

(ATLAS_2019_I1750330)

mcplots.cern.ch [arXiv:2401.10621]

Rivet 4.1.0, $\geq 100k$ events 10^{-3} 10^{-2}