

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

2

2

0.5

1

1000

2000

3000

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