

13000 GeV pp

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

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

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

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