

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.244 default
- -● Pythia 8.244 tune-2c
- -○ Pythia 8.244 tune-2m

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

2

2

1

0.5

1000

2000

3000

 $m^{t\bar{t}} [\text{GeV}], N^{\text{extra jet}} = 1$ 