

13000 GeV pp

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

■ ATLAS

— Pythia 8.307 ppthermNoScat

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

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m_{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [1.3, 2.0]$ 