

13000 GeV pp

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

■ ATLAS

— Pythia 8.307 eetherm

 $1 / \sigma d^2\sigma / dN^{t\bar{t}} d m^{t\bar{t}} [1/\text{GeV}]$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

2

1

1

0.5

0.5

1000

2000

3000

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