

13000 GeV pp

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

■ ATLAS  
—●— Pythia 6.427 z2

 $1 / \sigma d^2\sigma / dN_{\{extra\}jet}^{t\bar{t}} dm_{t\bar{t}} [1/GeV]$  $10^{-3}$  $10^{-4}$ 

(ATLAS\_2019\_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

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