

13000 GeV pp

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

■ ATLAS

— Pythia 8.315 qcdcr2

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

1

2

0.5

1

2

1000

2000

3000

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