

13000 GeV pp

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

■ ATLAS

— Pythia 8.307 eetherm

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

(ATLAS_2019_I1750330)

mcplots.cern.ch [arXiv:2401.10621]
Rivet 4.1.0, 100k events

Ratio to ATLAS

0.5

1

2

0.5

1

2

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