

13000 GeV pp

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

■ ATLAS

- - ■ Pythia 6.428 default

 $\frac{d^2\sigma}{dN_{l+jets}^{extra} dm_{t\bar{t}}} \text{ [pb/GeV]}$ 10^{-4} 10^{-5}

(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

 $m_{t\bar{t}} \text{ [GeV]}, N_{l+jets}^{extra} = 0$ $d^2\sigma / dN_{l+jets}^{extra} dm_{t\bar{t}}$ [pb/GeV] dN_{l+jets}^{extra} $dm_{t\bar{t}}$