

13000 GeV pp

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

■ ATLAS

—▲ Pythia 8.135 default

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

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m_{t\bar{t}} [GeV], |y^{t\bar{t}}| \in [0,0.65]$ 