

13000 GeV pp

 $t\bar{t}$

Boosted l+jets

■ ATLAS

— Pythia 8.315 qcdcr0qq1

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

 $m_{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [1.3, 2.0] [\text{GeV}]$