

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $p_{\text{T}}^{t,1} \in [0.2, 0.5]$

■ ATLAS

— Pythia 8.315 ropes

 $\frac{d^2\sigma}{dy^{\bar{t}} dy^{t,1}} \frac{d\sigma}{dp_{\text{T}}^{t,1}} \text{ # [fb] # [TeV]}^{-1}$ 10^4 10^3 10^2

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $p_{\text{T}}^{t,1} \text{ # [TeV]}$

0.5

1

1.5

2