

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $|\vec{y}^{t,1}| \in [1,2]$

■ ATLAS

— Pythia 8.315 qcdcr0qq1

 $1 / \sigma \# \# \text{cdot} \# \text{d}\sigma / \text{d}|\vec{y}^{t,1}| \text{d}p_{\text{T}}^{t,1} \# \text{[TeV]}^{-1}$

10

1

 10^{-1} 10^{-2}

2

1

0.5

Ratio to ATLAS

0.5

1

1.5

2

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

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5