

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $|y| \in [0, 0.2]$

■ ATLAS

— Pythia 8.307 ppthermNoScat

 $\frac{d^2\sigma}{d|y| d p_{\text{T}}^{t,1}} \# \{\text{fb}\} \# \{\text{TeV}\}^{-1}$ 10^4 10^3 10^2

10

2

1

0.5

Ratio to ATLAS

0.5

1

1.5

2

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

(ATLAS_2022_I2077575)

mcplots.cern.ch [arXiv:2401.10621]

Rivet 4.1.0, 100k events