

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|y| \in [0.2, 0.5]$

■ ATLAS

—▲ Pythia 8.230 default

 $\frac{d^2\sigma}{d|y|^{t,1} dp_{\text{T}}^{t,1}} \# \text{ [fb]} \# \text{ [TeV]}^{-1}$ 10^5 10^4 10^3 10^2

2

1

0.5

Ratio to ATLAS

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

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

0.5

1

1.5

2