

13000 GeV pp

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

■ ATLAS

— Pythia 8.313 CP5

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

10

2

1

0.5

Ratio to ATLAS

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

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

0.5

1

1.5

2