

13000 GeV pp

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

■ ATLAS
— Pythia 8.307 eetherm

 $d^2\sigma / d|y|^{t,1} dp_{\text{T}}^{t,1} \# \{\text{fb}\} \# \{\text{TeV}\}^{-1}$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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