

13000 GeV pp

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

■ ATLAS

— Pythia 8.315 qcdcr0qq1

 $1 / \sigma \cdot \# \cdot d^2\sigma / d|\bar{y}|^{\bar{t}} dp_{\bar{T}}^{\bar{t}} \# [\text{TeV}^{-1}]$

10

1

(ATLAS_2022_I2077575)

 10^{-1}

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

0.5

1

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