

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ transverse momentum, $|\vec{y}| \in [0.5, 1]$

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ★ Pythia 6.428 397
- ★ Pythia 6.428 398

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

10

1

 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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

0

0.5

1