

13000 GeV pp

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

■ 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

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

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