

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ invariant mass, $|y^{\bar{t}}| \in [1,2]$

■ ATLAS

—△ Pythia 6.428 370

- -△ Pythia 6.428 373

- -○ Pythia 6.428 374

- -○ Pythia 6.428 375

- -△ Pythia 6.428 381

- -△ Pythia 6.428 382

 $1/\sigma \# \# \text{cdot} \# \text{d}^2\sigma / \text{d}y^{\bar{t}} \text{d}m^{\bar{t}} \# \{\text{TeV}\}^{-1}$

1

 10^{-1} 10^{-2}

(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

 $m^{\bar{t}} \# \{\text{TeV}\}$

4

3

2

1