

13000 GeV pp

 $t\bar{t}$ Particle-level leading top rapidity, $|y^{t,\bar{t}}| \in [0.2, 0.5]$

■ ATLAS

— Pythia 8.307 pptherm

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

10

1

 10^{-1}

(ATLAS_2022_I2077575)

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

1.5

 $|y^{t,\bar{t},1}|$ 