

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|y^{t,1}| \in [0.2, 0.5]$

■ ATLAS

—△ Pythia 6.428 370

- - * Pythia 6.428 378

- - * Pythia 6.428 379

 $1/\sigma \cdot \# \text{cdot} \# d^2\sigma / d|y^{t,1}| dy^{t,1}$ 10^{-1}

1

10

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y^{t,1}|$

0

0.5

1

1.5

2