

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|\bar{y}| \in [1,2]$

- ATLAS
- △— Pythia 6.428 370
- - * - - Pythia 6.428 378
- - * - - Pythia 6.428 379

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

(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

 $|y^{t,1}|$ 