

13000 GeV pp

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

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.135 default

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

1

10

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

0.5

1

1.5

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