

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.315 default

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

10

1

 10^{-1}

(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

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

0

0.5

1

1.5

2