

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- - * Pythia 8.315 tune-4c
- ... □ Pythia 8.315 tune-4cx

 $1 / \sigma \# \text{cdot} \# d^2\sigma / d|\bar{y}| d|\bar{y}|^{\bar{t},1}$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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