

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- ...○ Pythia 8.315 tune-2m

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

0 0.5 1 1.5 2

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