

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ transverse momentum, $|\vec{y}| \in [0.5, 1]$

- ATLAS
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 tune-AU2
- · -◇ Pythia 8.315 tune-AU2lox
- · -□ Pythia 8.315 tune-AU2lox
- · -* Pythia 8.315 tune-AU2m

 $1/\sigma \# \# \text{cdot} \# \text{d}^2\sigma / \text{d}|\vec{y}| \text{d}p_{\text{T}}^{\text{t}\bar{\text{t}}} \# \text{[TeV]}^{-1}$ 10
 1
 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

 2
 1
 0.5 2
 1
 0.5 $p_{\text{T}}^{\text{t}\bar{\text{t}}} \# \text{[TeV]}$

0

0.5

1