

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ transverse momentum, $p_{\text{T}}^{t,1} \in [0.75, 2] \text{ # {TeV}}$

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-2c
- Pythia 8.315 tune-2m

 $1 / \sigma \text{ # } \# \text{cdot} \text{ # } d^2\sigma / dp_{\text{T}}^{t,1} \text{ # } d p_{\text{T}}^{t,1} \text{ # } \text{TeV}^2$

1

 10^{-1} 10^{-2}

2

1

0.5

Ratio to ATLAS

(ATLAS_2022_I2077575)

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

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 $p_{\text{T}}^{t\bar{t}} \text{ # {TeV}}$

0

0.5

1