

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $|y| \in [0.5, 1]$ $d^2\sigma / d|y|^{t,1} dp_{\text{T}}^{t,1} \# \text{ [fb]} \# \text{ [TeV]}^{-1}$

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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}^{t,1} \# \text{ [TeV]}$ 