

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|\eta| \in [0.2, 0.5]$ $d^2\sigma / d|\eta| d p_{T,1}^{t,1} \# \text{[fb]} \# \text{[TeV]}^{-1}$

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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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