

13000 GeV pp

 $t\bar{t}$ Particle-level leading top transverse momentum, $p_{T}^{t,1} \in [1,2]$

- ATLAS
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 vincia-default

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|y^{t,\bar{t}}| dp_{T}^{t,1} \# [\text{TeV}]^{-1}$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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