

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|\vec{p}_T^{t,1}| \in [0.5, 1]$

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

 $d^2\sigma / d|\vec{y}^{t,1}| dp_T^{t,1} \# [\text{fb}] \# [\text{TeV}]^{-1}$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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