

13000 GeV pp

 $t\bar{t}$

Parton-level top transverse momentum

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

- ATLAS
- ▲ Pythia 8.315 default
- -▲ Pythia 8.315 default-CD
- -▲ Pythia 8.315 default-DL
- ...▲ Pythia 8.315 default-MBR

Ratio to ATLAS

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