

13000 GeV pp

 $t\bar{t}$ Parton-level leading top transverse momentum, $|y| \in [0, 0.2]$

- ATLAS
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.4 default

 $d^2\sigma / d|y|^{t,1} dp_{\text{T}}^{t,1} \# [\text{fb}] \# [\text{TeV}]^{-1}$ 10^5 10^4 10^3 10^2

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

(ATLAS_2022_I2077575)

Ratio to ATLAS

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