

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ transverse momentum, $|\vec{y}| \in [0, 0.2]$

- ATLAS
- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ◇-- Sherpa 2.2.4 default

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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