

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ transverse momentum, $|\vec{y}| \in [0.5, 1]$

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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