

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
- - ◆ Sherpa 2.2.4 default

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|\vec{y}| dp_{\{T\}}^{\{t\bar{t}\}} \# [\{\text{TeV}\}^{-1}]$ Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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