

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|y^{t,\bar{t}}| \in [0.5, 1]$

- ATLAS
- - □ Herwig 7.2.1 default
- ... ◆ Sherpa 2.2.4 default

 $1 / \sigma \# \# \text{cdot} \# \text{d}^2 \sigma / \text{d} |y^{t,\bar{t}}| \text{d} |y^{t,\bar{t}}|$ 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

 $|y^{t,\bar{t}}|$

0

0.5

1

1.5

2