

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|\tilde{y}| \in [0.2, 0.5]$

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

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|\tilde{y}|^1$

0

0.5

1

1.5

2