

13000 GeV pp

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

■ ATLAS

---○--- Herwig++ 2.7.1 default

---□--- Herwig 7.2.1 default

 $d^2\sigma / d|\tilde{y}^{t,\bar{t}}| d|\tilde{y}^{t,\bar{t}}| \# [\text{fb}]$ 10^4 10^3 10^2

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

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

0

0.5

1

1.5

2