

13000 GeV pp

 $t\bar{t}$ Parton-level leading top rapidity, $|\tilde{y}^{t,1}| \in [0.2, 0.5]$

■ ATLAS

---○--- Herwig++ 2.7.1 default

— Herwig++ 2.7.1 UE-EE-5

---□--- Herwig 7.2.1 default

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|\tilde{y}^{t,1}| dy^{t,1}$ 10^{-1}

1

10

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

0.5

1

1.5

 $|\tilde{y}^{t,1}|$ $y^{t,1}$