

13000 GeV pp

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

■ ATLAS

---○--- Herwig++ 2.7.1 default

---□--- Herwig 7.2.1 default

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

10

1

 10^{-1} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

0.5

1

1.5

2

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