

13000 GeV pp

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

■ ATLAS

---○ Herwig++ 2.7.1 default

---□ Herwig 7.2.1 default

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y|^{t,1}$ 