

13000 GeV pp

 $t\bar{t}$ Parton-level subleading top rapidity, $|y| \in [0, 0.2]$

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $|y|^{t,2}$ 