

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ invariant mass, $|y^{\bar{t}}| \in [0, 0.2]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

 $1/\sigma \# \text{cdot} \# d^2\sigma / d|y^{\bar{t}}| dm^{\bar{t}} \# [\{\text{TeV}\}^{-1}]$ 10
1
 10^{-1}

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default
- ◆- Sherpa 2.2.4 default

(ATLAS_2022_I2077575)

Ratio to ATLAS

2
1
0.52
1
0.5 $m^{\bar{t}t} \# [\{\text{TeV}\}]$ 