

13000 GeV pp

 $t\bar{t}$  $y(t\bar{t})$  (atlas2022-lh) $1/\sigma \# \text{cdot } d\sigma / d|y^{t\bar{t}}|$ Rivet 4.1.0,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:2401.10621]

- ATLAS
- Herwig 7.2.1 default
- △--- Pythia 6.428 370
- ▲--- Pythia 8.315 default
- ◆--- Sherpa 2.2.4 default

(ATLAS\_2022\_I2037744)

Ratio to ATLAS

2

1

0.5

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