

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ rapidity $1 / \sigma \# \text{cdot} \# d\sigma / d|y^{t\bar{t}}|$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

- ATLAS
- ▲ Pythia 8.315 default
- ...◆ Sherpa 2.2.4 default

Ratio to ATLAS

2

1

0.5

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

0

0.5

1

1.5

2