

13000 GeV pp

 $t\bar{t}$ Particle-level  $t\bar{t}$  rapidity $1/\sigma \# \text{cdot} \# d\sigma / d|y^{t\bar{t}}|$ 

10

1

 $10^{-1}$  $10^{-2}$ 

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

(ATLAS\_2022\_I2077575)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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