

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ azimuthal opening angle

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

 $1 / \sigma \# \text{cdot} \# d\sigma / d\Delta\phi(t_1, t_2)$ 10²

10

1

10⁻¹10⁻²

(ATLAS_2022_I2077575)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $\Delta\phi(t_1, t_2)$

0

1

2

3

