

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.135 default
- - ◆ Sherpa 2.2.4 default

 $d\sigma / d\Delta\phi(t_1, t_2) \text{ \# [fb]}$ 10^5
 10^4
 10^3
 10^2
 10
 2
 1
 0.5 Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

 $\Delta\phi(t_1, t_2)$

0

1

2

3

4