

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t} \cos\{\theta_{t\bar{t}}^{\text{ast}}\}$

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.135 default
- ◆- Sherpa 2.2.4 default

 $1/\sigma \cdot \frac{d\sigma}{d|\cos\{\theta_{t\bar{t}}^{\text{ast}}\}|}$

10

1

 10^{-1}

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|\cos\{\theta_{t\bar{t}}^{\text{ast}}\}|$

0

0.5

1