

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.243 default
- ◆- Sherpa 2.2.4 default

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

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

 $|\cos\{\theta_{\text{th}}^{\text{ast}}\}|$ 