

13000 GeV pp

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

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

 $1/\sigma \cdot \frac{d\sigma}{d\cos\{\theta_{\text{th}}^{\text{ast}}\}}$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

0

0.5

1

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