

13000 GeV pp

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

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

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2022\_I2077575)

Ratio to ATLAS

2

1

0.5

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