

13000 GeV pp

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

■ ATLAS

---○ Herwig++ 2.7.1 default

 $d\sigma / d|\cos\{\theta_{t\bar{t}}^{\text{ast}}\}| \text{ [fb]}$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_12077575)

Ratio to ATLAS

2

1

0.5

0

0.5

1

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