

13000 GeV pp

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

■ ATLAS

—▲ Pythia 8.315 default

 $1/\sigma \cdot \frac{d\sigma}{d\cos\{\theta_{t\bar{t}}^{\text{ast}}\}}$ 4
3.5
3
2.5
2
1.5
1
0.5
0

(ATLAS_2022_I2077575)

Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.52
1
0.5 $|\cos\{\theta_{t\bar{t}}^{\text{ast}}\}|$ 