

13000 GeV pp

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

■ ATLAS

—● Pythia 6.427 z2

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

4000

2000

0

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

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