

13000 GeV pp

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

mcplots.cern.ch [arXiv:1306.3436]

ATLAS

Pythia 6.428 390

Pythia 6.428 391

Pythia 6.428 392

Pythia 6.428 396

Pythia 6.428 397

Pythia 6.428 398

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

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