

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ azimuthal opening angle

- ATLAS
◆ Sherpa 1.2.3 default

 $1 / \sigma \# \text{cdot} \# d\sigma / d\Delta\phi(t_1, t_2)$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $\Delta\phi(t_1, t_2)$ 