

13000 GeV pp

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

■ ATLAS
— Pythia 8.313 CP5

 $d\sigma / d\Delta\phi(t_1, t_2) \text{ \# [fb]}$

10^4
 10^3
 10^2
 10
 1
 2
 1
 0.5

(ATLAS_2022_I2077575)

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

Ratio to ATLAS

 $\Delta\phi(t_1, t_2)$ 