

13000 GeV pp

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

■ ATLAS
— Pythia 8.315 qcdcr2

 $1 / \sigma \# \# \text{cdot} \# d\sigma / d\Delta\phi(t_1, t_2)$ 10^2
 10
 1
 10^{-1}
 10^{-2}

(ATLAS_2022_I2077575)

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

Ratio to ATLAS

 2
 1
 0.5 2
 1
 0.5 $\Delta\phi(t_1, t_2)$ 0 1 2 3