

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.235 default
- ▲ Pythia 8.235 default-noFsr
- ▲ Pythia 8.235 default-noRap

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

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

 $\Delta\phi(t_1, t_2)$ 