

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.315 default

 $1 / \sigma \# \text{cdot} \# d\sigma / d\Delta\phi(t_1, t_2)$ 10^2
 10
 1
 10^{-1}
 10^{-2} Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2
1
0.52
1
0.5 $\Delta\phi(t_1, t_2)$

0

1

2

3

