

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

 $d\sigma / d\Delta\phi(t_1, t_2) \text{ \# [fb]}$ 10^5
 10^4
 10^3
 10^2 Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077575)

Ratio to ATLAS

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

0

1

2

3