

13000 GeV pp

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

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370

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

10^5

10^4

10^3

10^2

10

(ATLAS_2022_I2077575)

Rivet 4.1.0, $\geq 100k$ 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