

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.0.0 default
- ▲- Pythia 8.315 default

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

(ATLAS\_2022\_I2077575)

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

Ratio to ATLAS

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

0

1

2

3

