

13000 GeV pp

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

- ATLAS  
- - ■ Pythia 6.424 default

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

Rivet 4.1.0, 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