

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

 $1 / \sigma \# \text{cdot} \# d\sigma / d\Delta\phi(t_1, t_2)$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2022\_I2077575)

Ratio to ATLAS

2

1

0.5

 $\Delta\phi(t_1, t_2)$ 