

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$)

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

 $d^2\sigma / dN^{\text{jets}} d|\Delta\phi(t,\bar{t})|$ [1/rad]

10

1

Rivet 3.1.10, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|\Delta\phi(t,\bar{t})|$ [rad], $N^{\text{jets}} \geq 7$ 