

13000 GeV pp

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

- ATLAS
- Pythia 6.425 350
- -▲- - Pythia 6.425 351
- ...△... Pythia 6.425 353
- -○- - Pythia 6.425 354
- -☆- - Pythia 6.425 355
- ...□... Pythia 6.425 356
- -●- - Pythia 6.425 357
- ...●... Pythia 6.425 358
- -■- - Pythia 6.425 359

 $1/\sigma \, d^2\sigma / dN^{\text{jets}} d|\Delta\phi(t,\bar{t})| \, [1/\text{rad}]$ 10^{-1}
 10^{-2}

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.52
1
0.5 $|\Delta\phi(t,\bar{t})| \, [\text{rad}], N^{\text{jets}} = 5$