

13000 GeV pp

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

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ★ Pythia 6.428 397
- ▼ Pythia 6.428 398

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

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 2.4\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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