

13000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.4 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

0.5

1

2

 10^{-2} 10^{-1}

1

10

0.5

1

2

0

1

2

3

