

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

0.25

0.2

0.15

0.1

0.05

0

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS 2019_11750330)

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

1

2

3

