

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(\text{lepton}, \text{jet})$ (ATLAS for leptoquark search)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.165 default

1

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

(ATLAS_2019_I1718132)

2

1

0.5

0

1

2

3

Ratio to ATLAS

Rivet 4.1.0, $\geq 400k$ events
mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5