

13000 GeV pp

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

0.25

0.2

0.15

0.1

0.05

0



ATLAS

---○--- Herwig++ 2.7.1 default

---□--- Herwig 7.2.1 default

---▲--- Pythia 8.315 default

(ATLAS_2019_11718132)

Ratio to ATLAS

0.5

2

1

0

1

2

3

Rivet 4.1.0, ≥ 1.9 M events
mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5