

13000 GeV pp

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

0.25



ATLAS



Herwig 7.2.1 default

0.2

0.15

0.1

0.05

0

2

1

0.5

0

1

2

3

Ratio to ATLAS

mcplots.cern.ch [arXiv:1306.3436]

Rivet 4.1.0, 1.9M events

(ATLAS_2019_11718132)

2

1

0.5