

13000 GeV pp

 $t\bar{t}$

Dijet mass (ATLAS for leptoquark search)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

Rivet 3.1.10, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

2

1

0.5

 m_{jj} [GeV]