

13000 GeV pp

 $t\bar{t}$

Dijet mass (ATLAS for leptoquark search)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.201 default
- - ◆ Sherpa 2.2.5 default

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1718132)

Ratio to ATLAS

 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}

2

1

0.5

2

1

0.5

0

1000

2000

3000

4000