

13000 GeV pp

 $t\bar{t}$ 

Dijet mass (ATLAS for leptoquark search)

- ATLAS
- Herwig 7.2.1 default
- ...♦ Sherpa 2.2.2 default

Rivet 3.1.10,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1718132

Ratio to ATLAS

2

1

0.5

 $m_{jj}$  [GeV]