

13000 GeV pp

 $t\bar{t}$ 

Dijet mass (ATLAS for leptoquark search)

- ATLAS
- ▲ Pythia 8.170 default

 $d\sigma/dm_{jj}$  [pb/rad] $10^{-3}$  $10^{-4}$  $10^{-5}$ 

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1718132

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m_{jj}$  [GeV]

0

1000

2000

3000

4000