

13000 GeV pp

 $t\bar{t}$ $\Delta\eta(jj)$ (ATLAS for leptoquark search)

1

10^{-1}

10^{-2}

10^{-3}

Ratio to ATLAS

2

1

0.5

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(ATLAS_2019_I1718132)

Rivet 4.1.0, ≥ 1.8 M events
mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

10

5

0