

13000 GeV pp

 $t\bar{t}$ H_T^{jj} (ATLAS for leptoquark search) 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6} 

ATLAS

Pythia 6.428 370

Pythia 6.428 379

Pythia 6.428 ambt1

Pythia 6.428 z2

(ATLAS_2019_I1718132)

Rivet 4.1.0, ≥ 2 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000

1500