

13000 GeV pp

 $t\bar{t}$ $p_T^{\parallel}$ (ATLAS for leptoquark search) 10^{-2} 10^{-3} 10^{-4} 10^{-5}

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- + Pythia 6.428 349
- △ Pythia 6.428 370

(ATLAS_2019_I1718132)

Rivet 4.1.0, ≥ 1.8 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000

1500

2000