

13000 GeV pp

 $t\bar{t}$ $p_T^{\parallel}$ (ATLAS for leptoquark search) 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6}

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ☆ Pythia 6.428 397
- ▼ Pythia 6.428 398

(ATLAS_2019_I1718132)

Rivet 4.1.0, ≥ 1.7 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000

1500

2000