

13000 GeV pp

 $t\bar{t}$ Jet  $p_T$  (ATLAS for leptoquark search)

- 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

Rivet 4.1.0,  $\geq 1.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1718132)

Ratio to ATLAS

2

1

0.5

0

1000

2000