

13000 GeV pp

 $t\bar{t}$ $S_T(\text{leptons, jets})$ (ATLAS for leptoquark search)Rivet 4.1.0, $\geq 1.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- Pythia 6.428 350
- △ Pythia 6.428 370
- △ Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

(ATLAS_2019_I1718132)

Ratio to ATLAS

2

2

1

0.5

0 1000 2000 3000 4000

