

13000 GeV pp

 $t\bar{t}$ $S_T(\text{leptons, jets})$ (ATLAS for leptoquark search)

- ATLAS
- Pythia 6.428 391
- +— Pythia 6.428 393
- Pythia 6.428 394
- ▼— Pythia 6.428 395

Rivet 4.1.0, $\geq 1.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1718132)

Ratio to ATLAS

