

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(\text{lepton}, \text{jet})$ (ATLAS for leptoquark search)Rivet 4.1.0, $\geq 2.1\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1718132)

- ATLAS
- △ Pythia 6.428 370
- * Pythia 6.428 378
- * Pythia 6.428 379

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

1

2

3