

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(\text{lepton}, \text{jet})$ (ATLAS for leptoquark search)

- ATLAS
- Pythia 6.427 345
- △- Pythia 6.427 370
- △- Pythia 6.427 ambt1
- Pythia 6.427 z2

(ATLAS_2019_I1718132)

Rivet 4.1.0, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
02
1
0.5

0

1

2

3

2
1
0.5