

13000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.201 default

 10^{-1} 10^{-2} 10^{-3}

(ATLAS_2019_I1718132)

Ratio to ATLAS

2

1

0.5

0

1

2

3

mcplots.cern.ch [arXiv:1306.3436]

Rivet 4.1.0, $\geq 400k$ events

2

1

0.5