

13000 GeV pp

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

0.25

0.2

0.15

0.1

0.05

0

- ATLAS
- △— Pythia 6.428 370
- -▲- - Pythia 6.428 371
- ·▼·- Pythia 6.428 372
- ·●·- Pythia 6.428 376

(ATLAS_2019_I1718742)

Rivet 4.1.0, $\geq 2\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

3