

13000 GeV pp

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

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370

 $d\sigma/d\min \Delta\phi(j_1, l)$ [pb/rad]0.3
0.25
0.2
0.15
0.1
0.05
0Rivet 3.1.10, ≥ 2.9 M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_11718362

Ratio to ATLAS

2
1
0.52
1
0.5 $\min \Delta\phi(j_1, l)$ [rad]