

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 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 4.1.0, $\geq 1.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1718132)

Ratio to ATLAS

