

13000 GeV pp

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

- ATLAS
- △ Pythia 6.426 ambt1
- Pythia 6.426 z2

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

 $d\sigma/d\min \Delta\phi(j_1, l)$ [pb/rad]

Ratio to ATLAS

 $\min \Delta\phi(j_1, l)$ [rad]