

13000 GeV pp

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

- ATLAS
- ▲— Pythia 8.308 default
- -▼- - Pythia 8.308 tune-1
- -●- - Pythia 8.308 tune-2c
- -○- - Pythia 8.308 tune-2m

Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

2

1

0.5

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