

13000 GeV pp

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

$d\sigma/d\min \Delta\phi(j_0, l)$ [pb/rad]

■ ATLAS
—▲— Pythia 8.212 default
- -▼- Pythia 8.212 tune-AU2
- -◇- Pythia 8.212 tune-AU2lox
- -□- Pythia 8.212 tune-AU2loxx
—★— Pythia 8.212 tune-AU2m

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

