

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(jj)$ (ATLAS for leptoquark search)

- ATLAS
- ▲— Pythia 8.308 default
- -▼- Pythia 8.308 tune-AU2
- · ·◇· Pythia 8.308 tune-AU2lox
- · ·□· Pythia 8.308 tune-AU2lox
- · ·★· Pythia 8.308 tune-AU2m

Rivet 3.1.10, ≥ 2.2 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

2

1

0.5

 $\min \Delta\phi(jj)$ [rad]