

13000 GeV pp

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

- ATLAS
- △ Pythia 6.425 ambt1
- Pythia 6.425 z2

 $d\sigma/d\min \Delta\phi(j_0, l)$ [pb/rad]0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02

ATLAS_2019_I1718132

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.52
1
0.5 $\min \Delta\phi(j_0, l)$ [rad]

0

1

2

3

