

13000 GeV pp

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

■ ATLAS
—△— Pythia 6.424 ambt1

 $d\sigma/d\min \Delta\phi(j_1, l)$ [pb/rad]2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0400k events
Rivet 3.1.10,
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

2
1
0.5
02
1
0.5
0 $\min \Delta\phi(j_1, l)$ [rad]