

13000 GeV pp

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

■ ATLAS

 $d\sigma/d\min \Delta\phi(j_1, l)$ [pb/rad]

0.3

0.25

0.2

0.15

0.1

0.05

0

(ATLAS_2019_I1718132)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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