

13000 GeV pp

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

0.25

0.2

0.15

0.1

0.05

0

2

Ratio to ATLAS

0.5

0

1

2

3



ATLAS



Pythia 6.426 350



Pythia 6.426 357



Pythia 6.426 358



Pythia 6.426 359

(ATLAS_2019_I1718152)

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5