

13000 GeV pp

tt

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

- ATLAS
◆ Sherpa 2.2.2 default

 $d\sigma/d\min \Delta\phi(j_0, l)$ [pb/rad]

0.12

0.1

0.08

0.06

0.04

0.02

0

2

1

0.5

ATLAS_2019_I1718132

Ratio to ATLAS

 $\min \Delta\phi(j_0, l)$ [rad]

Rivet 3.1.10, 200k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0.5

3