

13000 GeV pp

 $t\bar{t}$  $\Delta\phi(\text{lepton}, \text{jet})$  (ATLAS for leptoquark search) $d\sigma/d\min \Delta\phi(j_1, l)$  [pb/rad]

- ATLAS
- \*--- Pythia 6.424 d6t
- Pythia 6.424 default
- ▼--- Pythia 6.424 dw
- Pythia 6.424 p0

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1718132

Ratio to ATLAS

2

1

0.5

2

1

0.5

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