

13000 GeV pp

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

- ATLAS
- Herwig++ 2.6.0 default
- Herwig 7.2.1 default
- ▼- Herwig 7.2.1 softTune

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1718132

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

Ratio to ATLAS

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