

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
- - □ Herwig 7.0.4 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 1.2.3 default

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

