

13000 GeV pp

 $t\bar{t}$  $\Delta\phi(l\bar{l})$  (ATLAS for leptoquark search)

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$ 

- ATLAS
- - □ - - Herwig 7.2.1 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.315 default
- - ◇ - - Sherpa 2.2.5 default

(ATLAS\_2019\_I1718132)

Rivet 4.1.0,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

2

1

1

0.5

0.5

Ratio to ATLAS

0

1

2

3

