

13000 GeV pp

 $t\bar{t}$ $p_T^{\parallel}$ (ATLAS for leptoquark search) 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6}

- 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]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0 500 1000 1500 2000

