

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.201 default

(ATLAS_2019_I1718132)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0 500 1000 1500 2000