

13000 GeV pp

 $t\bar{t}$ Jet  $p_T$  (ATLAS for leptoquark search)

- ATLAS
- ▲ Pythia 8.315 default
- - \* Pythia 8.315 tune-4c
- ... □ Pythia 8.315 tune-4cx

Rivet 4.1.0,  $\geq 1.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1718132)

Ratio to ATLAS

2

1

0.5

 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$ 

2

1

0.5

0

1000

2000

