

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- -▲ Pythia 8.315 default-CD
- -▲ Pythia 8.315 default-DL
- ...▲ Pythia 8.315 default-MBR

 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}
 10^{-6} Rivet 4.1.0, $\geq 2.1\text{M}$ events
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1718132)

Ratio to ATLAS

2
1
0.52
1
0.5

0

1000

2000

