

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

 $d\sigma/dp_T^j$ [pb/GeV] 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6} 10^{-7} 10^{-8} 10^{-9} Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

2

1

0.5

2

1

0.5

Subleading p_T^j [GeV]

0

1000

2000

