

13000 GeV pp

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

■ ATLAS

—▲ Pythia 8.170 default

 $d\sigma/dp_T^j$ [pb/GeV] 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6}

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1718132

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1000

2000

Leading p_T^j [GeV]