

13000 GeV pp

 $t\bar{t}$ p_T^{top} (ATLAS $t\bar{t}$ bar) 10^{-4} 10^{-5} 10^{-6} 10^{-7} 10^{-8}

■ ATLAS

—△ Pythia 6.428 370

- -□ Pythia 6.428 391

- -■ Pythia 6.428 default

- -★ Pythia 6.428 pro-q2o

(ATLAS_2020_I1801434)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000