

13000 GeV pp

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

■ ATLAS

—△— Pythia 6.428 370

- -▲- - Pythia 6.428 371

- -▼- - Pythia 6.428 372

- ···· Pythia 6.428 376

(ATLAS_2019_I1750330)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000

