

13000 GeV pp

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

ATLAS



Pythia 6.428 345



Pythia 6.428 370



Pythia 6.428 ambt1



Pythia 6.428 z2

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000