

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$) 10^{-2}

■ ATLAS

—△ Pythia 6.428 370

- - * Pythia 6.428 379

—△ Pythia 6.428 ambt1

—● Pythia 6.428 z2

 10^{-3} 10^{-4}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

2

Ratio to ATLAS

1

1

0.5

0.5

500

1000

1500

2000