

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$)

■ ATLAS

—▲ Pythia 8.315 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0

2

1

0.5

2

1

0.5

1000

2000

3000