

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$) 10^{-1} 10^{-2} 10^{-3} 10^{-4}

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ...☆... Pythia 6.428 pro-q2o

(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