

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass $1/\sigma \# \text{cdot} \# d\sigma / dm^{t\bar{t}} \# [\text{TeV}]^{-1}$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]



ATLAS



Pythia 6.426 ambt1

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $m^{t\bar{t}} \# [\text{TeV}]$

1 2 3 4

1

2

3

4