

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.308 default

 $1 / \sigma \frac{d^2\sigma}{dm^{t\bar{t}} dy^{t\bar{t}}} [1/\text{GeV}]$ 10^{-2} 10^{-3} 10^{-4}

ATLAS_2019_I1750330

Rivet 3.1.10, 2.8M events

mcplots.cern.ch [arXiv:1306.3436]

2

2

1

1

0.5

0.5

Ratio to ATLAS

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \text{ in } [0,0.4]$ 