

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.183 default

 $1/\sigma d^2\sigma / dm^{t\bar{t}} d|y^{t\bar{t}}|$ [1/GeV] 10^{-2}
 10^{-3}
 10^{-4} Rivet 3.1.10, 300k events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2
1
0.52
1
0.5 $m^{t\bar{t}}$ [GeV], $|y^{t\bar{t}}|$ in [0,0.4]