

13000 GeV pp

 $t\bar{t}$ Particle-level $t\bar{t}$ invariant mass, $|y^{t,1}| \in [1,2]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

 $d^2\sigma / d|y^{t,1}| dm^{t\bar{t}} \# \{fb\} \# \{TeV\}^{-1}$ 10^3 10^2

10

1

Ratio to ATLAS

2

1

0.5

1

2

3

4

 $m^{t\bar{t}} \# \{TeV\}$

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.230 default

(ATLAS_2022_I2077575)

