

13000 GeV pp

 $t\bar{t}$

topej.m (atlas2022-lh)

 $1/\sigma \# \text{cdot } d\sigma / d m(j_1, t_h) [1/\text{GeV}]$ 10^{-2} 10^{-3} 10^{-4}

- ATLAS
- ▲ Pythia 8.186 default
- -● Pythia 8.186 tune-2c
- -○ Pythia 8.186 tune-2m

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2037744)

 10^{-5}

2

1

0.5

Ratio to ATLAS

2

1

0.5

0

1000

2000

 $m(j_1, t_h) [\text{GeV}]$ 