

13000 GeV pp

 $t\bar{t}$ 

topej.m (atlas2022-lh)

 $1/\sigma \# \text{cdot } d\sigma / d m(j_1, t_h) [1/\text{GeV}]$ Rivet 4.1.0,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2022\_I2037744)

- ATLAS
- Pythia 6.427 345
- Pythia 6.427 346
- △- Pythia 6.427 370
- ▲- Pythia 8.315 default

Ratio to ATLAS

2

1

0.5

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

0

1000

2000