

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
- Herwig++ 2.4.2 default
- Herwig 7.2.1 default
- ▲--- Pythia 8.315 default
- ▼--- Pythia 8.315 vincia-default
- ◆--- Sherpa 2.2.4 default

(ATLAS_2022_I2037744)

Ratio to ATLAS

2

1

0.5

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