

13000 GeV pp

 $t\bar{t}$

topej.m (atlas2022-lh)

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2037744)

- ATLAS
- ▲ Pythia 6.424 a
- -▼ Pythia 6.424 dw
- Pythia 6.424 p0
- -☆ Pythia 6.424 pro-q20

Ratio to ATLAS

2

1

0.5

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

0

1000

2000