

13000 GeV pp

 $t\bar{t}$ 

topej.m (atlas2022-lh)

 $1/\sigma \#cdot d\sigma / d m(j_1, t_h) [1/\text{GeV}]$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

ATLAS

Pythia 6.428 350

Pythia 6.428 370

Pythia 6.428 380

Pythia 6.428 p0

Pythia 6.428 p2010

(ATLAS\_2022\_I2037744)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1000

2000

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