

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} 10^{-5} 

ATLAS



Pythia 6.428 370



Pythia 6.428 391



Pythia 6.428 default



Pythia 6.428 pro-q20

(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

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