

13000 GeV pp

 $t\bar{t}$

topej.m (atlas2022-lh)

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

ATLAS

Pythia 6.423 a

Pythia 6.423 dw

Pythia 6.423 p0

Pythia 6.423 pro-q20

(ATLAS_2022_I2037744)

Ratio to ATLAS

2

1

0.5

0

1000

2000

 $m(j_1, t_h) [\text{GeV}]$ Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5