

13000 GeV pp

tt

Boosted l+jets

■ ATLAS

— Pythia 8.307 ppthermNoScat

 $1 / \sigma d^2\sigma / d m^{tt} d |y^{tt}| [1/\text{GeV}]$ 10^{-4} 10^{-3} 10^{-2}

(ATLAS_2019_I1750330)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

1

2

0.5

1

2

1000

2000

3000

 $m^{tt} [\{\text{GeV}\}], |y^{tt}| \in [0, 0.65]$ 