

13000 GeV pp

 $t\bar{t}$

Boosted l+jets

■ ATLAS

— Pythia 8.307 pptherm

 $\frac{d^2\sigma}{dm_{t\bar{t}} dH_T^{t\bar{t}}} [\text{pb/GeV}^2]$ 10^{-7} 10^{-8}

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m_{t\bar{t}} [\text{GeV}], H_T^{t\bar{t}} \in [780, 2500] [\text{GeV}]$ 