

13000 GeV pp

 $t\bar{t}$ Boosted  $l+jets$ 

■ ATLAS

-■- Pythia 6.426 default

 $d^2\sigma / d m_{T}^{t\bar{t}} d H_{T}^{t\bar{t}}$  [pb/GeV<sup>2</sup>] $10^{-8}$  $10^{-7}$  $10^{-6}$  $10^{-5}$ 

(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

 $m_{T}^{t\bar{t}}$  [GeV],  $H_{T}^{t\bar{t}} \in [780, 2500]$  [GeV]