

13000 GeV pp

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

■ ATLAS
— Pythia 8.307 pptherm

 $1 / \sigma \, d^2\sigma / d m_{T}^{t\bar{t}} d H_T^{t\bar{t}} [1/\text{GeV}^2]$ 10^{-6}
 10^{-7}
 10^{-8} Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2
1
0.52
1
0.5

1000

2000

3000

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