

13000 GeV pp

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

- ATLAS
- Pythia 6.428 350
- .-●-.- Pythia 6.428 357
- ...●... Pythia 6.428 358
- .-■-.- Pythia 6.428 359

 $1 / \sigma d^2\sigma / d m_{T}^{t\bar{t}} d H_T^{t\bar{t}} [1/\text{GeV}^2]$

(ATLAS_2019_I1750330)

Ratio to ATLAS

Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

2

1

0.5

1000

2000

3000

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