

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- -○ Pythia 8.315 tune-2m

 $1 / \sigma d^2\sigma / d m_{t\bar{t}} d H_T^{t\bar{t}} [1/\text{GeV}^2]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

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