

13000 GeV pp

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

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

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

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2
1
0.52
1
0.5 $m_{t\bar{t}} [GeV], N_{jet}^{extra} = 1$ 