

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.315 default

 $1 / \sigma d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| [1/\text{GeV}]$ 10^{-3}
 10^{-4}
 10^{-5}

(ATLAS_2019_I1750330)

Ratio to ATLAS

2
1
0.5

1000

2000

3000

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [1.3, 2.0]$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

