

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- - * Pythia 6.428 379
- - △ Pythia 6.428 ambt1
- - ● Pythia 6.428 z2

 $d^2\sigma / d m_{t\bar{t}} d |y_{t\bar{t}}| [pb/GeV]$ 10^{-3} 10^{-4} 10^{-5}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m_{t\bar{t}} [GeV], |y_{t\bar{t}}| \in [1.3, 2.0] [GeV]$ 