

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default

 $1 / \sigma d^2\sigma / dN_{t\bar{t}}^{extra\ jet} d m_{t\bar{t}} [1/GeV]$ 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

1000

2000

3000

 $m_{t\bar{t}} [GeV], N_{t\bar{t}}^{extra\ jet} = 0$ 