

13000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.315 default

 $1 / \sigma d^2\sigma / dN^{t\bar{t}} d m^{\text{extra jet}} [1/\text{GeV}]$

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.52
1
0.5

1000

2000

3000

 $m^{t\bar{t}} [\text{GeV}], N^{\text{extra jet}} = 1$ 