

13000 GeV pp

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.210 default

 $\frac{1}{\sigma} \frac{d^2\sigma}{dN^{t\bar{t}} d m^{\{extra\} jet}} \left[\frac{1}{GeV} \right]$

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.52
1
0.5

1000

2000

3000

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