

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.315 default

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

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