

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.230 default

 $1 / \sigma d^2\sigma / dN_{\text{extra jet}}^{\bar{t}t} d m_{\bar{t}t} [1/\text{GeV}]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2
1
0.52
1
0.5 $m_{\bar{t}t} [\text{GeV}], N_{\text{extra jet}}^{\bar{t}t} = 1$ 