

13000 GeV pp

 $t\bar{t}$

Boosted l+jets

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default
- ▲ Pythia 8.135 default

 $d^2\sigma / dN_{\text{jet}}^{\text{extra}} d m_{t\bar{t}} [\text{pb/GeV}]$ 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5} 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

1000

2000

3000

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