

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.235 default

 $1 / \sigma d^2\sigma / dm_{t\bar{t}} dH_T^{t\bar{t}} [1/\text{GeV}^2]$ 10^{-6}
 10^{-7}
 10^{-8} 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 $m_{t\bar{t}} [\text{GeV}], H_T^{t\bar{t}} \in [780, 2500] [\text{GeV}]$ 