

13000 GeV pp

 $t\bar{t}$

Boosted l+jets

■ ATLAS

- - ■ Pythia 6.426 default

- - ▲ Pythia 8.210 default

 $d^2\sigma / d m_{t\bar{t}} d H_T^{t\bar{t}}$ [pb/GeV²] 10^{-5} 10^{-6} 10^{-7} 10^{-8}

(ATLAS_2019_I1750330)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

 $m_{t\bar{t}}$ [GeV], $H_T^{t\bar{t}} \in [780, 2500]$ [GeV]