

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- △— Pythia 6.427 370
- -▲- - Pythia 6.427 371
- -▼- - Pythia 6.427 372
- ·- ·■- Pythia 6.427 376

 $d^2\sigma / d m_{t\bar{t}} d |y_{t\bar{t}}|$ [pb/GeV] 10^{-1} 10^{-2} 10^{-3}

(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

 $m_{t\bar{t}}$ [[GeV]], $|y_{t\bar{t}}| \in [0.8, 1.2]$

500

1000

1500

2000