

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- △ Pythia 6.428 370
- ⋯△ Pythia 6.428 373
- -○ Pythia 6.428 374
- ⋯○ Pythia 6.428 375
- -△ Pythia 6.428 381
- -▽ Pythia 6.428 382

 $1/\sigma d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| [1/\text{GeV}]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2
1
0.5

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [0.8, 1.2]$

500 1000 1500 2000

13000 GeV pp

 $t\bar{t}$