

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (atlas2022-lh)

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.201 default

 $d\sigma / d m_{t\bar{t}}$ [pb/GeV] 10^{-2} 10^{-3} 10^{-4} 10^{-5} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2037744)

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m_{t\bar{t}}$ [GeV]

1000

2000

3000