

13000 GeV pp

 $t\bar{t}$  $m(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ ) $10^{-2}$  $10^{-3}$  $10^{-4}$ 

- ATLAS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q20

(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

