

13000 GeV pp

$t\bar{t}$

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

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △ Pythia 6.428 370
- △ Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(ATLAS\_2022\_I2037744)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1000

2000

3000

