

13000 GeV pp

$t\bar{t}$

$m(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ )

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

- ATLAS
- △ Pythia 6.428 370
- ▲ Pythia 6.428 371
- ▼ Pythia 6.428 372
- Pythia 6.428 376

(ATLAS\_2019\_I1750330)

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

