

13000 GeV pp

 $t\bar{t}$ $t\bar{t}H\bar{t}$ (ATLAS semileptonic $t\bar{t}b\bar{a}$) 10^{-2} 10^{-3} 10^{-4} 10^{-5}

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.315 default

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

500

1000

1500

2000