

13000 GeV pp

 $t\bar{t}$ $t\bar{t}H\bar{t}\bar{t}$ (ATLAS $t\bar{t}b\bar{b}$) 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_2020_I1801434)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

