

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (cms2021-lh) 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5}

■ CMS

□ Pythia 6.428 346

△ Pythia 6.428 347

◇ Pythia 6.428 348

+ Pythia 6.428 349

△ Pythia 6.428 370

(CMS_2021_I1901295)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

1000

2000

3000