

13000 GeV pp

 $t\bar{t}$ m^{ll} (cms2018-ttbardif) 10^{-1} 10^{-2} 10^{-3} 10^{-4} 

CMS



Pythia 6.423 default



Pythia 8.315 default

(CMS_2018_I1703993)

Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

200

400

600