

13000 GeV pp

 $t\bar{t}$

Cross section(CMS ttbb production)

■ CMS
—▲ Pythia 8.170 default

cross section (pb)

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_I1753720

Ratio to CMS

2

1

0.5

Fiducial PI phase space

0.5

1

1.5