

13000 GeV pp

 $t\bar{t}$

Cross section(CMS ttbb production)

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

Rivet 3.1.10, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_L1753720

Ratio to CMS

2

1

0.5

0.5

1

1.5

Fiducial PI phase space

