

13000 GeV pp

 $t\bar{t}$

Cross section(CMS ttbb production)

- CMS
- Herwig 7.2.1 default
- ▲-- Pythia 8.212 default
- ...◆... Sherpa 2.2.0 default

CMS_2019_I1753720

Rivet 3.1.10, $\geq 400k$ events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

0.5 1 2

Fiducial PI phase space

0.5 1 1.5

cross section (pb)

4.5

4

3.5

3

2.5

2

1.5

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0