

13000 GeV pp

 $t\bar{t}$

Cross section(CMS ttbb production)

cross section (pb)

- CMS
- * Pythia 6.428 355
- Pythia 6.428 356
- △ Pythia 6.428 370
- * Pythia 6.428 379
- △ Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 3.1.10, $\geq 1.4M$ 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