

13000 GeV pp

 $t\bar{t}$

Cross section(CMS ttbb production)

- CMS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2019_I1753720)

Ratio to CMS

4
3.5
3
2.5
2
1.5
1
0.5
02
1
0.5

0.5

1

1.5

