

13000 GeV pp

 $t\bar{t}$ 

## Cross section(CMS ttbb production)

- CMS
- - ○ - - Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- - □ - - Herwig 7.2.1 default

Rivet 3.1.10,  $\geq 2.7M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2016\_11753720

Ratio to CMS

0.5

1

2

0.5

1

2

Fiducial PI phase space

0.5

1

1.5