

7000 GeV pp

 $b\bar{b}$ Cross section(cms2011-mu-pt6- $\eta$ 2.1)

- CMS
- Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- ...◆... Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2014\_I884811)

Ratio to CMS

0.5

6999.5

7000

7000.5

2

1

0.5

