

7000 GeV pp

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

- CMS
* Pythia 6.425 pro-q2o

 $\sigma(pp \rightarrow b + X \rightarrow \mu + X')$ [μb]Rivet 3.1.10, 300k events
mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S8941262

Ratio to CMS

2

1

0.5

 $\sqrt{s}$ [GeV]

6999.5

7000

7000.5

0.5

1

2

0.5

1

1.5

2

2.5

3