

7000 GeV pp

$b\bar{b}$

Cross section(cms2011-mu-pt6- $\eta$ 2.1)

- CMS
- △ Pythia 6.424 ambt1

$\sigma(pp \rightarrow b + X \rightarrow \mu + X')$  [ $\mu\text{b}$ ]

3  
2.5  
2  
1.5  
1  
0.5  
0  
2  
1  
0.5

Rivet 3.1.0, 7.7M events  
mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8941262

Ratio to CMS

$\sqrt{s}$  [GeV]

6999.5

7000

7000.5

