

7000 GeV pp

$b\bar{b}$

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

- CMS
- o- Herwig++ 2.6.2 default
- Herwig 7.2.0 default

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

Rivet 3.1.0,  $\geq 5.5\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8941262

Ratio to CMS

0.5

2

0.5

1

1.5

2

2.5

3

3.5

0.5

2

0.5

1

1.5

2

2.5

3

3.5

6999.5

7000

7000.5

$\sqrt{s}$  [GeV]

