

7000 GeV pp

bb

Cross section(cms2011-mu-pt6- η 2.1)

$\sigma(pp \rightarrow b + X \rightarrow \mu + X')$ [μb]

- CMS
- Herwig 7.2.0 default
- ▲ Pythia 8.165 default
- ...◆ Sherpa 1.4.5 default

Rivet 3.1.0, $\geq 5.5\text{M}$ events
mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S8941262

Ratio to CMS

3
2.5
2
1.5
1
0.5
0
2
1
0.5

3
2.5
2
1.5
1
0.5
0
2
1
0.5

sqrt{s} [GeV]

6999.5 7000 7000.5

