

7000 GeV pp

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

- CMS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2011\_I884811)

Ratio to CMS

