

7000 GeV pp

b **$\bar{b}$** Cross section(cms2011-mu-pt6- $\eta$ 2.1) $\sigma(pp \rightarrow b + X \rightarrow \mu + X')$  [ $\mu\text{b}$ ]

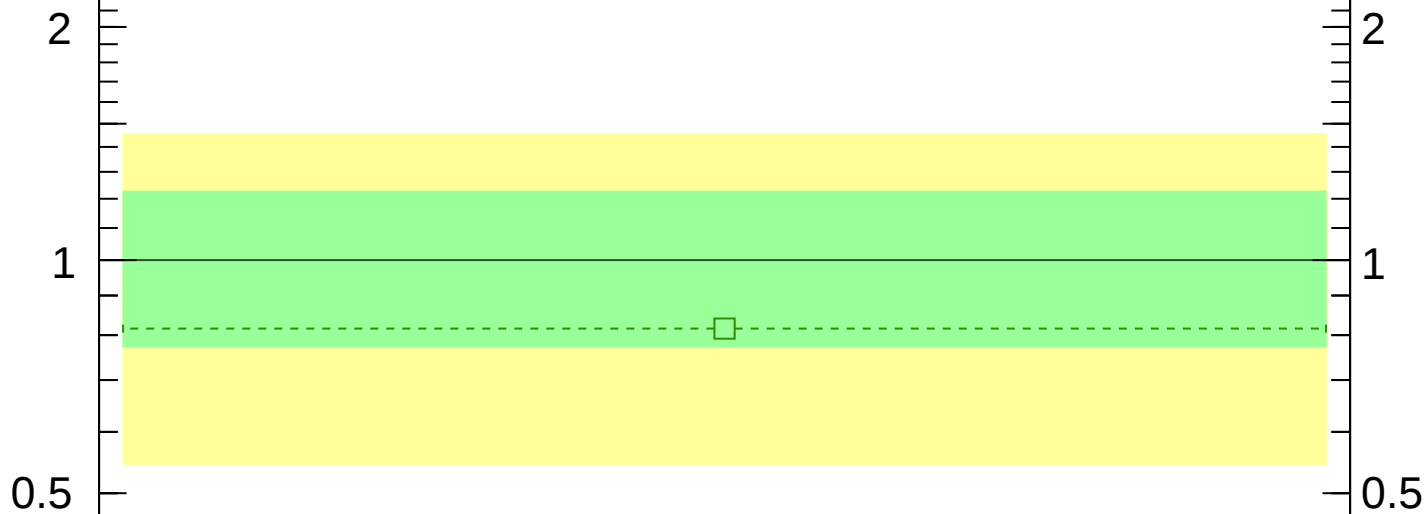
- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.180 default

Rivet 3.1.10,  $\geq 300\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8941262

Ratio to CMS



sqrt{s} [GeV]