

7000 GeV pp

 $b\bar{b}$ $\eta(\text{b-jet})$ (with LEP fragmentation fractions)

- LHCb
◆ Sherpa 1.4.2 default

 $d\sigma(pp \rightarrow H_b X) / d\eta [\mu\text{b}]$ 10^3 10^2

10

1

2

1

0.5

Ratio to LHCb

LHCb_2010_I867355

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\eta(H_b)$

2

3

4

5

6