

7000 GeV pp

 $b\bar{b}$ $\eta(\text{b-jet})$ (with LEP fragmentation fractions) $d\sigma(pp \rightarrow H_b X) / d\eta$ [μb]

LHCb

70

60

50

40

30

20

10

5

2

1

0.5

(LHCB_2010_I867355)

Ratio to LHCb

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

2

3

4

5

6

 $\eta(H_b)$ 