

7000 GeV pp

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

LHCb

(LHCB\_2010\_I867355)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCb

0.5

1

2

0.5

1

2

2

3

4

5

 $\eta(H_b)$ 