

7000 GeV pp

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

LHCb

(LHCB_2010_I867355)

mcplots.cern.ch [arXiv:1306.3436]

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

Ratio to LHCb

 $\eta(H_b)$ 70
60
50
40
30
20
10
5
2
1
0.52
1
0.5