

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
▲ Pythia 8.301 default

70
60
50
40
30
20
10
0

LHCb_2010_I867355

Rivet 3.1.10, 400k events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCb

2
1
0.52
1
0.5

2

3

4

5

 $\eta(H_b)$ 