

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 8.170 default

70
60
50
40
30
20
10
0Rivet 3.1.10, 500k events
mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

2
1
0.52
1
0.5

2

3

4

5

6

 $\eta(H_b)$ 