

7000 GeV pp

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

■ LHCb
—△— Pythia 6.424 ambt1

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

2

1

0.5

 $\eta(H_b)$

2

3

4

5

6