

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
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default

Rivet 3.1.10,  $\geq 2.7\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2010\_I867355

Ratio to LHCb

