

7000 GeV pp

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

- LHCb
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default

 $d\sigma(\text{pp} \rightarrow H_b X) / d\eta [\mu\text{b}]$ Rivet 3.1.10,  $\geq 2.7\text{M}$  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

