

7000 GeV pp

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

- LHCb
- - ■ Pythia 6.425 359
- - ▲ Pythia 6.425 a
- - ▼ Pythia 6.425 dw
- - ○ Pythia 6.425 p0
- - ☆ Pythia 6.425 pro-q2o

Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

2
1
0.52
1
0.5 $\eta(H_b)$

2 3 4 5 6