

7000 GeV pp

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

- LHCb
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

2
1
0.52
1
0.5 $\eta(\text{H}_b)$

2 3 4 5 6