

7000 GeV pp

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

- LHCb
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.308 default

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

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

