

7000 GeV pp

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

- LHCb
- △ Pythia 6.427 370
- -■ Pythia 6.427 default
- ▲ Pythia 8.308 default

 $d\sigma(pp \rightarrow H_b X) / d\eta$ [μb]Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

