

7000 GeV pp

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

- LHCb
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCB_2010_I867355)

Ratio to LHCb

2

1

0.5

180
160
140
120
100
80
60
40
20
2
1
0.5

2

3

4

5

6