

7000 GeV pp

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

- LHCb
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ...◇ Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2010_I867355)

Ratio to LHCb

2

1

0.5

200
180
160
140
120
100
80
60
40
20
10
5
2
1
0.5

2

3

4

5

6