

7000 GeV pp

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

- LHCb
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default
- ...◆ Sherpa 2.2.9 default

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

mcplots.cern.ch [arXiv:1306.3436]

(LHCb\_2010\_I867355)

Ratio to LHCb

200  
180  
160  
140  
120  
100  
80  
60  
40  
20  
10  
2  
1  
0.5100k events  
3436  
36  
ch  
Xiv:1306.3436  
2  
1  
0.5

2 3 4 5 6

