

7000 GeV pp

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

- LHCb
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- ··○ Pythia 8.315 tune-2m

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

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2010_I867355)

Ratio to LHCb

220
200
180
160
140
120
100
80
60
40
20
10
2
1
0.5220
200
180
160
140
120
100
80
60
40
20
10
2
1
0.5