

7000 GeV pp

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

- LHCb
- △— Pythia 6.428 370
- -○- - Pythia 6.428 atlas-csc
- -* - - Pythia 6.428 d6t
- -□- - Pythia 6.428 default
- -▼- - Pythia 6.428 dw
- Pythia 6.428 p0

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

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2010_I867355)

Ratio to LHCb

180
160
140
120
100
80
60
40
20
2
1
0.5180
160
140
120
100
80
60
40
20
2
1
0.5