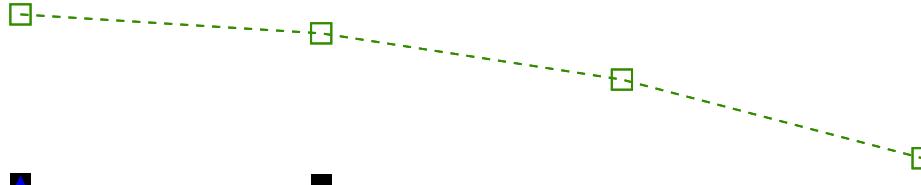


7000 GeV pp

 $b\bar{b}$ Charged Particle η Distribution (with LEP fragmentation fractions)

- LHCb
- Herwig 7.0.0 default
- ▲- Pythia 8.150 default
- ◆- Sherpa 1.4.2 default

 $d\sigma(pp \rightarrow H_b X) / d\eta [\mu b]$ 10^3
 10^2 Rivet 3.1.0, $\geq 6.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

1
2

1

0.5

2

1

0.5

2

3

4

5

 $\eta(H_b)$

6

