

7000 GeV pp

$b\bar{b}$

Charged Particle Distribution (with Tevatron fragmentation fractions)

- LHCb
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 2.2.8 default

$d\sigma(pp \rightarrow H_b X) / d\eta$ [μb]

Rivet 3.1.0, $\geq 7.1\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2010_I867355

Ratio to LHCb

0.5

1

2

0.5

1

2

$\eta(H_b)$

