

7000 GeV pp

 $b\bar{b}$
 $\Delta R(\text{b-jets}) (\text{pT}_{\text{Jlead}} > 56 \text{ GeV}, |\eta_{\text{Jlead}}| < 3)$
 $d\sigma / d\Delta\{R\} [\text{pb}]$ 10^5 10^4 10^3

CMS

--○-- Herwig++ 2.5.2 default

- -□- - Herwig 7.2.1 default

Rivet 3.1.10, ≥ 400 k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S8973270

Ratio to CMS

 10^2

2

1

0.5

2

1

0.5

0

1

2

3

4

 $\Delta\{R\}$ between two B hadrons