

7000 GeV pp

 $b\bar{b}$
 $\Delta\phi(\text{b-jets}) (\text{pT}_{\text{Jlead}} > 120 \text{ GeV}, |\eta_{\text{Jlead}}| < 3)$

■ CMS

---○--- Herwig++ 2.7.1 default

---□--- Herwig 7.2.1 default

Rivet 3.1.10, $\geq 3.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

 $d\sigma / d\Delta\phi [\text{pb}]$ 10^4 10^3 10^2

2

1

0.5

0

1

 $\Delta\phi$ between two B hadrons

CMS_2011_S8973270

Ratio to CMS

2
1
0.5
02
1
0.5
0