

7000 GeV pp

 $b\bar{b}$ 
 $\Delta\phi(\text{b-jets}) (\text{p}_T_{\text{Jlead}} > 56 \text{ GeV}, |\eta_{\text{Jlead}}| < 3)$ 
 $d\sigma / d\Delta\phi [\text{pb}]$ 
 $10^6$   
 $10^5$   
 $10^4$   
 $10^3$   
 $10^2$   
 $10^1$   
 $1$ 

CMS

Herwig 7.2.1 default  
Pythia 6.428 370  
Pythia 8.308 default  
Sherpa 2.2.9 default

CMS\_2011\_S8973270

 $\Delta\phi(\text{b-jets}) (\text{p}_T_{\text{Jlead}} > 56 \text{ GeV}, |\eta_{\text{Jlead}}| < 3)$ 

mcplots.cern.ch [arXiv:1306.3436]

N

Ratio to CMS

 $2$   
 $1$   
 $0.5$ 

0

1

2

3

 $\Delta\phi$  between two B hadrons

0.5

1

2

3