

7000 GeV pp

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

CMS

Sherpa 2.2.9 default

Rivet 3.1.10, 2.7M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8973270

Ratio to CMS

2

1

0.5

0

1

2

3

 $\Delta\phi$  between two B hadrons