

7000 GeV pp

 $b\bar{b}$
 $\Delta\phi(\text{b-jets}) \ (\text{pT}_{\text{Jlead}} > 120 \text{ GeV}, |\eta_{\text{Jlead}}| < 3)$
 $d\sigma / d\Delta\phi [\text{pb}]$
 10^5
 10^4
 10^3
 10^2
 10^1
 10^{-1}

CMS
▲ Pythia 8.308 default
▲ Pythia 8.308 default-noFsr
▲ Pythia 8.308 default-noRap

CMS_2011_S8973270

 $\text{Rivet } 3.1.10, \geq 2.6M \text{ events}$
 $\text{mcplots.cern.ch [arXiv:1306.3436]}$

Ratio to CMS

 10^{-3}
 2
 1
 0.5

0 1 2 3

 $\Delta\phi$ between two B hadrons