

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
 1
 10^{-1}

■ CMS
 - - - Pythia 6.425 default
 ▲ Pythia 8.170 default

CMS_2011_S8973270

mcplots.cern.ch [arXiv:1306.3436]

N

Rivet 3.1.10, $\geq 300k$ events

Ratio to CMS

 2
 1
 0.5

0

1

 $\Delta\phi$ between two B hadrons

2

3