

7000 GeV pp

 $b\bar{b}$ CMS, $\sqrt{s} = 7$ TeV, Leading b jet η in $pp \rightarrow 2b+2j+X$

- CMS
- △— Pythia 6.427 370
- -▲- - Pythia 6.427 371
- -▼- - Pythia 6.427 372
- ···●··· Pythia 6.427 376

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2016_I1486238)

Ratio to CMS

2

1

0.5

 η $d\sigma/d\eta$ [pb/rad] 10^5 10^4 10^3

2

1

0.5

-2

-1

0

1

2