

7000 GeV pp

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

- CMS
- △ Pythia 6.427 370
- - * Pythia 6.427 379
- - △ Pythia 6.427 ambt1
- - ● Pythia 6.427 z2

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

(CMS_2016_I1486238)

Ratio to CMS

2

1

0.5

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 η 