

7000 GeV pp

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

- CMS
- △ Pythia 6.428 370
- -□- - Pythia 6.428 391
- . - .■ Pythia 6.428 default
- ▲ Pythia 8.315 default

 $d\sigma/d\eta$ [pb/rad] 10^5 10^4 10^3 Rivet 4.1.0, ≥ 2.5 M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2016_I1486238)

Ratio to CMS

2

1

0.5

2

1

0.5

 η

-2

-1

0

1

2