

7000 GeV pp

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

- CMS
- - ■ Pythia 6.425 default
- ▲ Pythia 8.315 default

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2016_I1486238)

Ratio to CMS

2

1

0.5

 p_T [GeV] $d\sigma/dp_T$ [pb/GeV] 10^4
 10^3
 10^2
10
1
 10^{-1}
 10^{-2}

2

1

0.5

0

200

400