

7000 GeV pp

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

- CMS
- - ■ Pythia 6.424 default
- ▲ Pythia 8.135 default

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

(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