

7000 GeV pp

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

- CMS
- △— Pythia 6.428 370
- Pythia 6.428 391
- - -■- - - Pythia 6.428 default
- ▲— Pythia 8.210 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] $10^5$   
 $10^4$   
 $10^3$   
 $10^2$   
10  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ 

0

200

400