

7000 GeV pp

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

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.165 default

Rivet 4.1.0,  $\geq 500k$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2016\_I1486238)

Ratio to CMS

0

200

400

 $p_T$  [GeV]

2

1

0.5