

13000 GeV pp

Jets

 $\Delta\phi(jj)$  (CMS back-to-back jets)

0.25

0.2

0.15

0.1

0.05

0

2

1

0.5



CMS



Pythia 8.235 default



Pythia 8.235 default-CD



Pythia 8.235 default-DL



Pythia 8.235 default-MBR

(CMS\_2019\_I1719955)

Ratio to CMS

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

170

175

180

3