

Di-jet  $\chi$  ( $4800 < M_{jj}$ )

- CMS
- ▲ Pythia 8.201 default
- ▲ Pythia 8.201 default-noFsr
- ▲ Pythia 8.201 default-noRap

0.2  
0.18  
0.16  
0.14  
0.12  
0.1  
0.08  
0.06  
0.04  
0.02  
0

Rivet 3.1.0,  $\geq 7.1M$  events  
mcplots.cern.ch [arXiv:1306.3436]

CMS\_2017\_I1519995

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

0

5

10

15