

8000 GeV pp

Jets

 χ (jets) ($3600 < M_{jj} < 4200$)

- CMS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-1
- Pythia 8.308 tune-2c
- Pythia 8.308 tune-2m

Rivet 3.1.10, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2015_I1327224

Ratio to CMS

2

1

0.5

0

5

10

15

 $\chi_{\text{dijet}} = e^{|y_1 - y_2|}$ 