

8000 GeV pp

Jets

Di-jet χ ($4200 < M_{jj}$)

- CMS
- Herwig 7.2.0 default
- ▲— Pythia 8.176 default
- ...◆... Sherpa 1.4.1 default

Rivet 3.1.0, ≥ 5.5 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2015_I1327224

Ratio to CMS

2

1

0.5

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