

8000 GeV pp

Jets

Di-jet  $\chi$  ( $4200 < M_{jj}$ )

- CMS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.2.8 default

Rivet 3.1.0,  $\geq 7.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_I1327224

Ratio to CMS

2

1

0.5

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