

8000 GeV pp

Jets

Di-jet  $\chi$  ( $3000 < M_{jj} < 3600$ )

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_11327224

Ratio to CMS

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