

8000 GeV pp

Jets

 $\sqrt{s}=8$ TeV $|y_1+y_2|/2 < 1.11$ 3.6 TeV $< M_{jj} < 4.2$ TeV

- CMS
- Herwig++ 2.5.2 default
- Herwig 7.2.1 default

 $1/\sigma_{\{dijet\}} d\sigma_{\{dijet\}}/d\chi_{\{dijet\}}$ Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

0

5

10

15

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