

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++ 2.4.2 default
- Herwig 7.2.1 default

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

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

0

5

10

15

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