

8000 GeV pp

Jets

 $\sqrt{s}=8$ TeV $|y_1+y_2|/2 < 1.11$ 1.9 TeV $< M_{jj} < 2.4$ TeV

■ CMS
—▲ Pythia 8.201 default

 $1/\sigma_{\{dijet\}} d\sigma_{\{dijet\}}/d\chi_{\{dijet\}}$

0.14

0.12

0.1

0.08

0.06

0.04

0.02

0.01

0.005

0.002

0.001

0.0005

0.0002

0.0001

0.00005

0.00002

0.00001

0

(CMS_2015_I1327224)

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

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

0

5

10

15