

7000 GeV pp

Jets

$\chi_{\{dijet\}}$ for $0.5 \text{ TeV} < M_{jj} < 0.65 \text{ TeV}$, $|y_{-1} + y_{-2}|/2 < 1.11$, $\sqrt{s} = 7 \text{ TeV}$

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.315 default

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

0.16

0.14

0.12

0.1

0.08

0.06

0.04

(CMS_2011_I889175)

Ratio to CMS

2

1

0.5

Rivet 4.1.0, $\geq 2.8M$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

0

5

10

15

$\chi_{\{dijet\}}$

