

Di-jet  $\chi$  ( $400 < M_{jj} < 600$ )

- CMS
- △— Pythia 6.428 370
- - -■- - - Pythia 6.428 default
- ▲— Pythia 8.186 default

 $1/\sigma_{\text{dijet}} d\sigma_{\text{dijet}} / d\chi_{\text{dijet}}$ 
Rivet 3.1.0,  $\geq 7.4\text{M}$  events

0.16

0.14

0.12

0.1

0.08

0.06

0.04

0.02

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

CMS\_2012\_I1090423

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

Ratio to CMS

2

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0

5

10

15

 $\chi_{\text{dijet}}$ 