

Di-jet  $\chi$  ( $400 < M_{ij} < 600$ ) $1/\sigma_{\text{dijet}} d\sigma_{\text{dijet}} / d\chi_{\text{dijet}}$ 

- CMS
- \*- Pythia 6.428 355
- \*- Pythia 6.428 356
- \*- Pythia 6.428 370
- \*- Pythia 6.428 379
- \*- Pythia 6.428 ambt1
- \*- Pythia 6.428 z2

0.14

0.12

0.1

0.08

0.06

0.04

0.02

0.01

0.005

0.002

0.001

0.0005

Rivet 3.1.0,  $\geq 14\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2012\_I1090423

Ratio to CMS

2

1

0.5

2

1

0.5

0

5

10

15

 $\chi_{\text{dijet}}$ 