

Di-jet  $\chi$  ( $3600 < M_{jj} < 4200$ )

0.14

0.12

0.1

0.08

0.06

0.04

0.02

0

- CMS
- Herwig++ (Def)
- Herwig 7 (Def)
- Pythia 6 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)

CMS\_2017\_1519995

Herwig++ 2.7.1, Herwig 7.2.0, Pythia 6.427, Pythia 8.301, Sherpa 2.2.8

Rivet 3.1.0,  $\geq 4.2M$  events

mcplots.cern.ch (arXiv:1306.3436)

2

2

Ratio to CMS

1

1

0.5

0.5

0

5

10

15

