

7000 GeV pp

Jets

 $F_{\eta_2}(\#\text{b}\eta)$ ($n_j \geq 3$, $p_{T1/3} > 100/30$, $|\eta_2| < 0.8$, $M_{12} > 220$, $0.5 < \Delta R_{23} < 1.5$)

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.150 default
- - ◆ Sherpa 2.2.0 default

Rivet 3.1.0, $\geq 5.6\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1265659

Ratio to CMS

2

2

1

1

0.5

0.5

0

0

0

0

1

2

3

b η 