

7000 GeV pp

Jets

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

■ CMS

-○- Herwig++ 2.7.1 default

-□- Herwig 7.2.0 default

-◇- Sherpa 2.2.8 default

 $F_{\eta_2}(\text{b}\eta)$

0.12

0.1

0.08

0.06

0.04

0.02

2

1

0.5

0

1

2

3

b η

CMS_2013_I1265659

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to CMS