

7000 GeV pp

Jets

 $F_{\eta 2}(\#b\eta) \ (\eta_j \geq 3, p_{T1/3} > 100/30, |\eta_2| < 0.8, M_{12} > 220, 0.5 < \Delta R_{23} < 1.5)$

- CMS
- - □ Herwig 7.0.3 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.2.2p default

Rivet 3.1.0, ≥ 7.3 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1265659

Ratio to CMS

2

1

0.5

 $b\eta$ 