

Gap fraction vs  $\Delta y$  ( $p_T > 35$  GeV,  $|y| < 4.7$ )

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.209 default
- - ◆ Sherpa 2.1.0 default

6

5

4

3

2

1

0

2

1

0.5

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2012\_I1102908

Ratio to CMS

 $\Delta y$ 