

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

- CMS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.301 default

3  
2.5  
2  
1.5  
1  
0.5Rivet 3.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:1306.3436]

CMS\_2012\_I1102908

Ratio to CMS

2  
1  
0.52  
1  
0.50 2 4 6 8  $\Delta y$ 