

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

- CMS
- Herwig++ (Def)
- Pythia 6 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)

3.5

3

2.5

2

1.5

1

0.5

Rivet 2.4.0, $\geq 100k$ events

mcplots.cern.ch

CMS_2012_11102908

Herwig++ 2.6.1a, Pythia 6.428, Pythia 8.212, Sherpa 2.2.0

Ratio to CMS

2

1.5

1

0.5

 $\times 2$

+50%

+10%

-10%

-50%

0

2

4

6

8

 Δy 