

Gap fraction

2.2  
2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0Gap fraction vs  $\Delta y$  (LJ) ( $70 < p_T < 90$ )

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.135 default
- - ◆ Sherpa 2.2.8 default

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.50 2 4 6  
 $|\Delta y|$ 2  
1  
0.5