

Gap fraction

Gap fraction vs  $\Delta y$  (LJ) ( $210 < p_T < 240$ )1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

■ ATLAS  
 ○ Herwig++ (Def)  
 □ Herwig 7 (Def)  
 □ Pythia 6 (Def)  
 ▲ Pythia 8 (Def)  
 ◆ Sherpa (Def)

ATLAS\_2011\_S9126244

Herwig 7.1, Herwig 7.2.0, Pythia 6.428, Pythia 8.301, Sherpa 2.2.8

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

0.5

1

2

0

2

4

 $|\Delta y|$ 

0.5

1

2