

Gap fraction

Gap fraction vs  $p_T$  (FB) ( $3 < \Delta y < 4$ )

- ATLAS
- - □ Herwig 7.0.4 default
- - ▲ Pythia 8.212 default
- - ◆ Sherpa 1.4.3 default

2.5  
2  
1.5  
1  
0.5  
0Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

100

200

300

400

500

 $\overline{P_T}$  [GeV]