

7000 GeV pp

Jets

Gap fraction

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.0 default
- ▲- Pythia 8.150 default

2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

100

200

300

400

500

 $\overline{P_T}$  [GeV]