

7000 GeV pp

Jets

Gap fraction vs Veto scale(LJ) ( $120 < p_T < 150$ ,  $4 < \Delta y < 5$ )

- ATLAS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.210 default

Gap fraction

2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
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 $Q_0$  [GeV]