

Gap fraction

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

- ATLAS
- ▲ Pythia 8.301 default
- ★ Pythia 8.301 tune-4c
- Pythia 8.301 tune-4cx

2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

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

ATLAS\_2011\_S9126244

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

 $Q_0$  [GeV]