

Gap fraction

Gap fraction vs  $p_T$  (FB) ( $5 < \Delta y < 6$ )

- ATLAS
- ▲ Pythia 8.226 default
- ◆ Pythia 8.226 tune-4c
- Pythia 8.226 tune-4cx

0.6  
0.5  
0.4  
0.3  
0.2  
0.1  
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

100

200

300

 $\overline{P_T}$  [GeV]