

Gap fraction

Gap fraction vs  $\Delta y$  (FB) ( $240 < p_T < 270$  ( $Q_0 = \bar{p}_T$ ))

- ATLAS
- △ Pythia 6 (370:P2012)
- -△ Pythia 6 (371:radHi)
- -▽ Pythia 6 (372:radLo)
- -● Pythia 6 (376:FL)

1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

ATLAS\_2011\_S9126244

Pythia 6.428

Rivet 2.4.0,  $\geq 100k$  events

mcplots.cern.ch

Ratio to ATLAS

2  
1  
0.5×2  
+50%  
+20%  
+10%  
-10%  
-20%  
-50%

0

2

4

6

 $|\Delta y|$ 