

Gap fraction

Gap fraction vs  $p_T(\text{FB})$  ( $1 < \Delta y < 2$ )2.5  
2  
1.5  
1  
0.5  
0

■ ATLAS  
 ○ Pythia 6.428 345  
 □ Pythia 6.428 346  
 △ Pythia 6.428 370  
 ▲ Pythia 6.428 ambt1  
 ● Pythia 6.428 z1  
 ◆ Pythia 6.428 z2

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  
0.5100 200 300 400 500  
 $\overline{P_T}$  [GeV]