

Gap fraction vs Veto scale (FB) ( $120 < p_T < 150$ ,  $2 < \Delta y < 3$ )

Gap fraction

1.2  
1  
0.8  
0.6  
0.4

- ATLAS
- ▲ Pythia 8 (Def)
- ★ Pythia 8 (4C)
- ◻ Pythia 8 (4Cx)
- ◆ Pythia 8 (A2)
- ☆ Pythia 8 (Monash 13)

ATLAS\_2011\_S9126244  
Pythia 8.301Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

50

100

 $Q_0$  [GeV]