

Gap fraction

Gap fraction vs  $\Delta y$  (FB) ( $120 < p_T < 150$  ( $Q_0 = \bar{p}_T$ ))

- ATLAS
- ▲ Pythia 8.170 default
- ▲ Pythia 8.170 default-CD
- ▲ Pythia 8.170 default-MBR

2.5  
2.0  
1.5  
1.0  
0.5  
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

0

2

4

6

 $|\Delta y|$ 