

Gap fraction vs  $\Delta y$  (LJ) ( $120 < p_T < 150$ )

Gap fraction

- ATLAS
- ▲ Pythia 8.176 default
- ◻ Pythia 8.176 tune-4cx

2.5  
2.0  
1.5  
1.0  
0.5  
0

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.5

0

2

4

6

 $|\Delta y|$ 