

7000 GeV pp

Jets

Gap fraction vs  $|\Delta y|$  for  $70 < \#P_T < 90$ , Fwd/Bwd  $Q_0 = \#P_T$ 

■ ATLAS

— Pythia 8.315 qcdcr0qq1

Gap fraction

2  
1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
2  
2  
1  
1  
0.5  
0.5Rivet 4.1.0, 100k events  
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2011\_I917526)

Ratio to ATLAS

 $|\Delta y|$ 