

7000 GeV pp

Jets

Gap fraction vs  $|\Delta y|$  for  $180 < \sqrt{s} < 210$ , Fwd/Bwd  $Q_0 = \sqrt{s}$ 

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

Gap fraction

2.2  
2.0  
1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

(ATLAS\_2011\_I917526)

Rivet 4.1.0,  $\geq 100$ k events  
mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2  
1  
0.52  
1  
0.50 2 4 6  
 $|\Delta y|$ 