

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $|\Delta y|$  for  $90 < \sqrt{s} < 120$ , Fwd/Bwd  $Q_0 = \sqrt{s}$ 

- ATLAS
- - ■ Pythia 6.423 default
- - \* Pythia 6.423 pro-q2o

2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2011\_I917526)

Ratio to ATLAS

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