

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $|\Delta y|$  for  $120 < \sqrt{s} < 150$ , Fwd/Bwd $10$   
 $1$   
 $10^{-1}$   
 $10^{-2}$ 

- ATLAS
- +— Epos 1.99.crnc.1.6.0 lhcc
- ▼— Herwig 7.2.1 softTune
- △— Pythia 6.428 370
- ▲— Pythia 8.315 default

(ATLAS\_2011\_I917526)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

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