

Gap fraction vs  $\overline{P}_T$  for  $3.0 < |\Delta y| < 4.0$ , Leading Jet

Gap fraction

2.5  
2.0  
1.5  
1.0  
0.5  
0

2  
1  
0.5

- ATLAS
- +— Epos 1.99.crmc.1.2 lhc
- - □ - - Herwig 7.2.1 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.315 default
- - ◆ - - Sherpa 2.2.9 default

(ATLAS\_2011\_I917526)

Ratio to ATLAS

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 $\overline{P}_T$  [GeV]