

Gap fraction vs  $Q_0$  for  $120 < \#P_T < 150$   $4 < |\Delta y| < 5$ , Leading Jet

Gap fraction

2.2  
2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

- ATLAS
- △ Pythia 6.428 370
- ⋯△ Pythia 6.428 373
- -○ Pythia 6.428 374
- ⋯○ Pythia 6.428 375
- -△ Pythia 6.428 381
- -▽ Pythia 6.428 382

(ATLAS\_2011\_I917526)

Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

50

100

 $Q_0$  [GeV]  
150