

Gap fraction vs  $|\Delta y|$  for  $240 < \sum \overline{P}_T < 270$ , Fwd/Bwd  $Q_0 = \sum \overline{P}_T$ 

Gap fraction

Ratio to ATLAS

2.5  
2.0  
1.5  
1.0  
0.5  
0

2  
1  
0.5

0 2 4 6

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

(ATLAS\_2011\_I917526)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 $|\Delta y|$ 