

7000 GeV pp

Jets

Gap fraction vs  $|\Delta y|$  for  $70 < \#P_T < 90$ , Fwd/Bwd  $Q_0 = \#P_T$ 

Gap fraction

- 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

2  
1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

(ATLAS\_2011\_I917526)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 2 4 6  
 $|\Delta y|$

