

7000 GeV pp

Jets

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

Gap fraction

10

1

 $10^{-1}$  $10^{-2}$ 

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default

(ATLAS\_2011\_I917526)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 2 4 6  $|\Delta y|$ 