

Gap fraction

Gap fraction vs  $|\Delta y|$  for  $150 < \sqrt{s} < 180$ , Fwd/Bwd

10

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$ 

- ATLAS
- Pythia 6.428 359
- △ Pythia 6.428 370
- ▲ Pythia 6.428 a
- ▼ Pythia 6.428 dw
- Pythia 6.428 p0
- ☆ Pythia 6.428 pro-q2o

(ATLAS\_2011\_0917526)

Ratio to ATLAS

2

1

0.5

0

2

4

6

 $|\Delta y|$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5