

Gap fraction

Gap fraction vs  $|\Delta y|$  for  $210 < \sqrt{s} < 240$ , Fwd/Bwd

10

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

- ATLAS
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 tune-AU2
- ◆ Pythia 8.315 tune-AU2lox
- ◻ Pythia 8.315 tune-AU2loxx
- ★ Pythia 8.315 tune-AU2m

(ATLAS\_2011\_1917526)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

0 2 4 6

$|\Delta y|$

2

1

0.5

