

Forward-backward correlation  $b$  vs. gap center  $\sqrt{s}=900$  GeV

b

- UA5
- ▲ Pythia 8.315 default
- ✱ Pythia 8.315 tune-4c
- Pythia 8.315 tune-4cx

1

0.8

0.6

0.4

0.2

2

2

1

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(UA5\_1988\_I263399)

Ratio to UA5

Center of separating gap  $\delta\eta$ 