

b

Forward-backward correlation  $b$  vs. gap size  $\sqrt{s}=200$  GeV

- UA5
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ☆ Pythia 6.428 397
- ▼ Pythia 6.428 398

1

0.8

0.6

0.4

0.2

0

(UA5\_1988\_I263399)

0

2

Ratio to UA5

0.5

0

2

4

6

Central gap size  $\delta\eta$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5