

200 GeV ppbar

Soft QCD

b

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

- UA5
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

1.2

1

0.8

0.6

0.4

0.2

0

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(UA5\_1988\_I263399)

a

Ratio to UA5

2

1

0.5

2

1

0.5

0

2

4

6

Central gap size  $\delta\eta$

