

200 GeV ppbar

Soft QCD

b

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

■ UA5
 — Pythia 8.315 qcdcr0qq1

1.2

1.0

0.8

0.6

0.4

0.2

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

(UA5_1988_I263399)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to UA5

2

1.5

1

0.5

0.5

0.5

0.5

0.5

0.5

2

1.5

1

0.5

0.5

0.5

0.5

0.5

0.5

Central gap size $\delta\eta$

0

2

4

6