

200 GeV ppbar

Soft QCD

b

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

- UA5
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

1.2

1

0.8

0.6

0.4

0.2

0

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(UA5_1988_I263399)

Ratio to UA5

2

1

0.5

2

1

0.5

0

2

4

6

Central gap size $\delta\eta$

