

200 GeV ppbar

Soft QCD

b

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

- UA5
- △ Pythia 6.428 370
- ⋯△ Pythia 6.428 373
- -○ Pythia 6.428 374
- ⋯○ Pythia 6.428 375
- -△ Pythia 6.428 381
- -▽ Pythia 6.428 382

1.4

1.2

1

0.8

0.6

0.4

0.2

0

(UA5_1988_I263399)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

a

Ratio to UA5

2

1

0.5

2

1

0.5

0 2 4 6

Central gap size $\delta\eta$

