

900 GeV ppbar

Soft QCD

b

Forward-backward correlation  $b$  vs. gap center  $\sqrt{s}=900$  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

0.8

0.6

0.4

0.2

(UA5\_1988\_I263399)

2

1

1

0.8

0.6

0.4

0.2

2

1

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

Ratio to UA5

Center of separating gap  $\delta\eta$ 