

900 GeV ppbar

Soft QCD

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

- UA5
- ▲— Pythia 8.235 default
- - * - - Pythia 8.235 tune-4c
- ... □ ... Pythia 8.235 tune-4cx

1.2

1

0.8

0.6

0.4

0.2

0

2

1

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(UA5_1988_I263399)

Ratio to UA5

Central gap size $\delta\eta$ 