

200 GeV ppbar

Soft QCD

b

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

- UA5
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 tune-AU2
- ◆ Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- ★ Pythia 8.315 tune-AU2m

0.8

0.4

0.2

(UA5_1988_I263399)

0

2

1

0.5

0

1

2

Center of separating gap $\delta\eta$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5