

546 GeV ppbar

Soft QCD

Forward-backward correlation b vs. gap size $\sqrt{s}=546$ GeV

- UA5
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- -○ Pythia 8.315 tune-2m

1.2

1

0.8

0.6

0.4

0.2

(UA5_1988_I263399)

0

2

Ratio to UA5

1

0.5

0

2

4

6

Central gap size $\delta\eta$ Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5