

546 GeV ppbar

Soft QCD

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

- UA5
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.135 default

1

0.8

0.6

0.4

0.2

0

(UA5\_1988\_I263399)

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

b

Ratio to UA5