

546 GeV ppbar

Soft QCD

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

- UA5
- ⋯+ Epos 1.99.crmc.1.3 default
- + Epos 1.99.crmc.1.3 lhc
- ▲ Pythia 8.315 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(UA5\_1988\_I263399)

Ratio to UA5

0.5

1

2

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1

0

1

2

Center of separating gap  $\delta\eta$ 