

546 GeV ppbar

Soft QCD

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

1  
0.9  
0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1

- UA5
- ▲ Pythia 8.315 default
- - \* Pythia 8.315 tune-4c
- ⋯ □ Pythia 8.315 tune-4cx

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(UA5\_1988\_I263399)

Ratio to UA5

2  
1  
0.5

2  
1  
0.5

0

1

2

Center of separating gap  $\delta\eta$ 