

900 GeV ppbar

Soft QCD

Forward-backward correlation  $b$  vs. gap size  $\sqrt{s}=900$  GeV

■ UA5  
— Pythia 8.313 ropes

1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

Rivet 4.1.0, 100k events  
mcplots.cern.ch [arXiv:2401.10621]

(UA5\_1988\_I263399)

Ratio to UA5

2  
1  
0.5

2  
1  
0.5

0 2 4 6  
Central gap size  $\delta\eta$

