

200 GeV ppbar

Soft QCD

b

Forward-backward correlation b vs. gap size  $\sqrt{s}=200$  GeV

■ UA5  
— Pythia 8.307 pptherm

1  
0.8  
0.6  
0.4  
0.2  
0  
2  
1  
0.5

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

(UA5\_1988\_I263399)

Ratio to UA5

Central gap size  $\delta\eta$

