

546 GeV ppbar

Soft QCD

b

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

■ UA5  
 — Pythia 8.307 ppthermNoScat

1.2  
 1  
 0.8  
 0.6  
 0.4  
 0.2

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(UA5\_1988\_I263399)

a

Ratio to UA5

2  
 1  
 0.5

2  
 1  
 0.5

0

2

4

6

Central gap size  $\delta\eta$ 