

900 GeV ppbar

Soft QCD

b

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

- UA5
- Pythia 6.428 350
- Pythia 6.428 357
- Pythia 6.428 358
- Pythia 6.428 359

1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2

(UA5\_1988\_I263399)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to UA5

2  
1  
0.5

2  
1  
0.5

0 2 4 6

Central gap size  $\delta\eta$

