

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

b

UA5  
 Pythia 8.308 default

1  
0.9  
0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1

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

1

2

Center of separating gap  $\delta\eta$ 