

b

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

1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

- UA5
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

(UA5\_1988\_I263399)

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

Ratio to UA5

2  
1  
0.5

Central gap size  $\delta\eta$ 