

b

Forward-Backward Correlation  $b_{FB}$  vs  $\Delta\eta$ 

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0

UA5\_1988\_S1867512

Sherpa 1.4.3

UA5

Sherpa (Def)

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

2

2

Ratio to UA5

1

1

0.5

0.5

0

2

4

6

Central gap size  $\Delta\eta$ 