

b

Forward-backward correlation b vs. gap size $\sqrt{s}=200$ GeV

- UA5
- ▲ Pythia 6.423 a
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ☆ Pythia 6.423 pro-q2o

1

0.8

0.6

0.4

0.2

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

(UA5_1988_I263399)

Ratio to UA5

2

1

0.5

0

0

0

0

0

0

0

0

0

Central gap size $\delta\eta$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

0

0

0

0

0

0

0

0

0