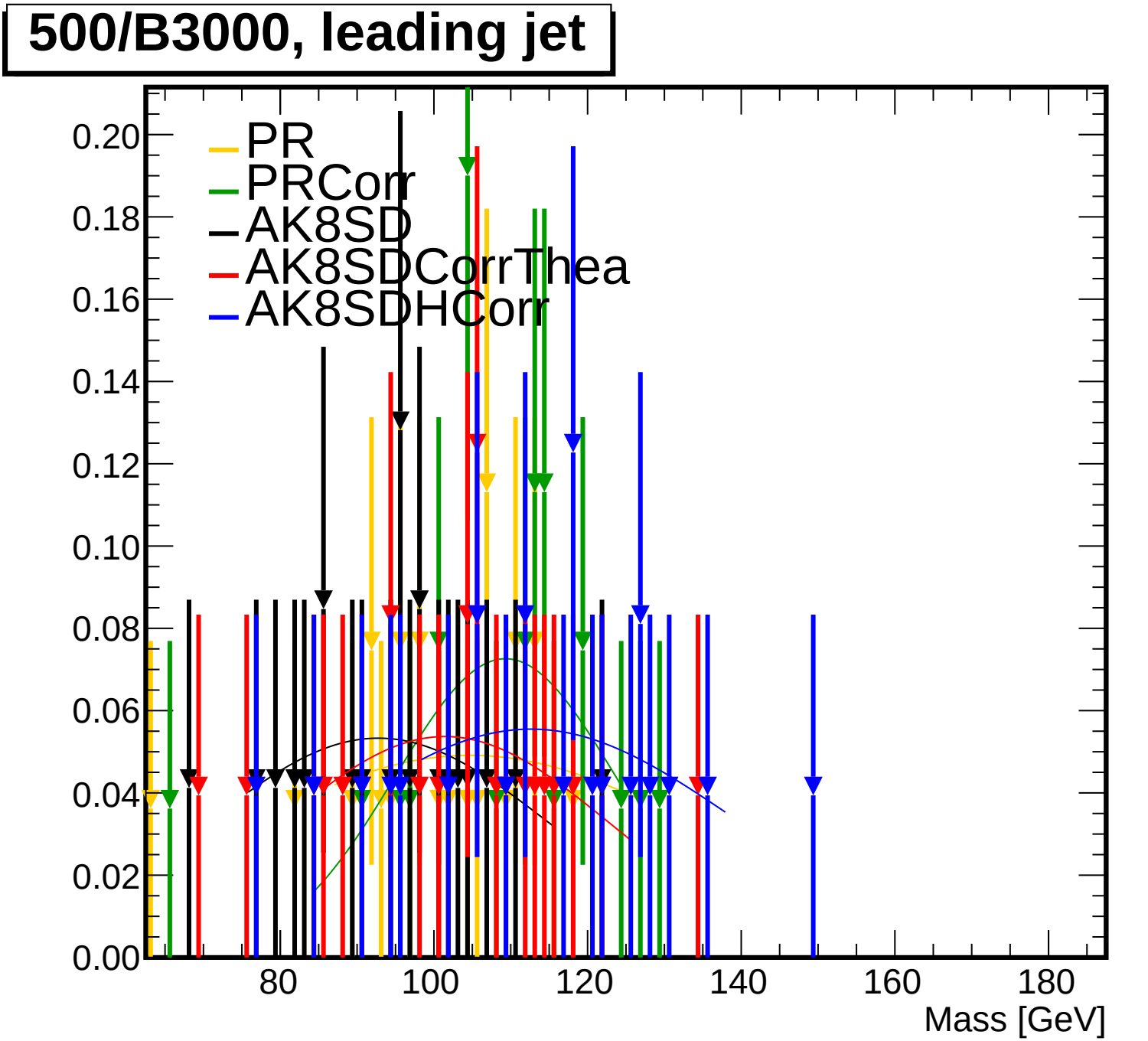
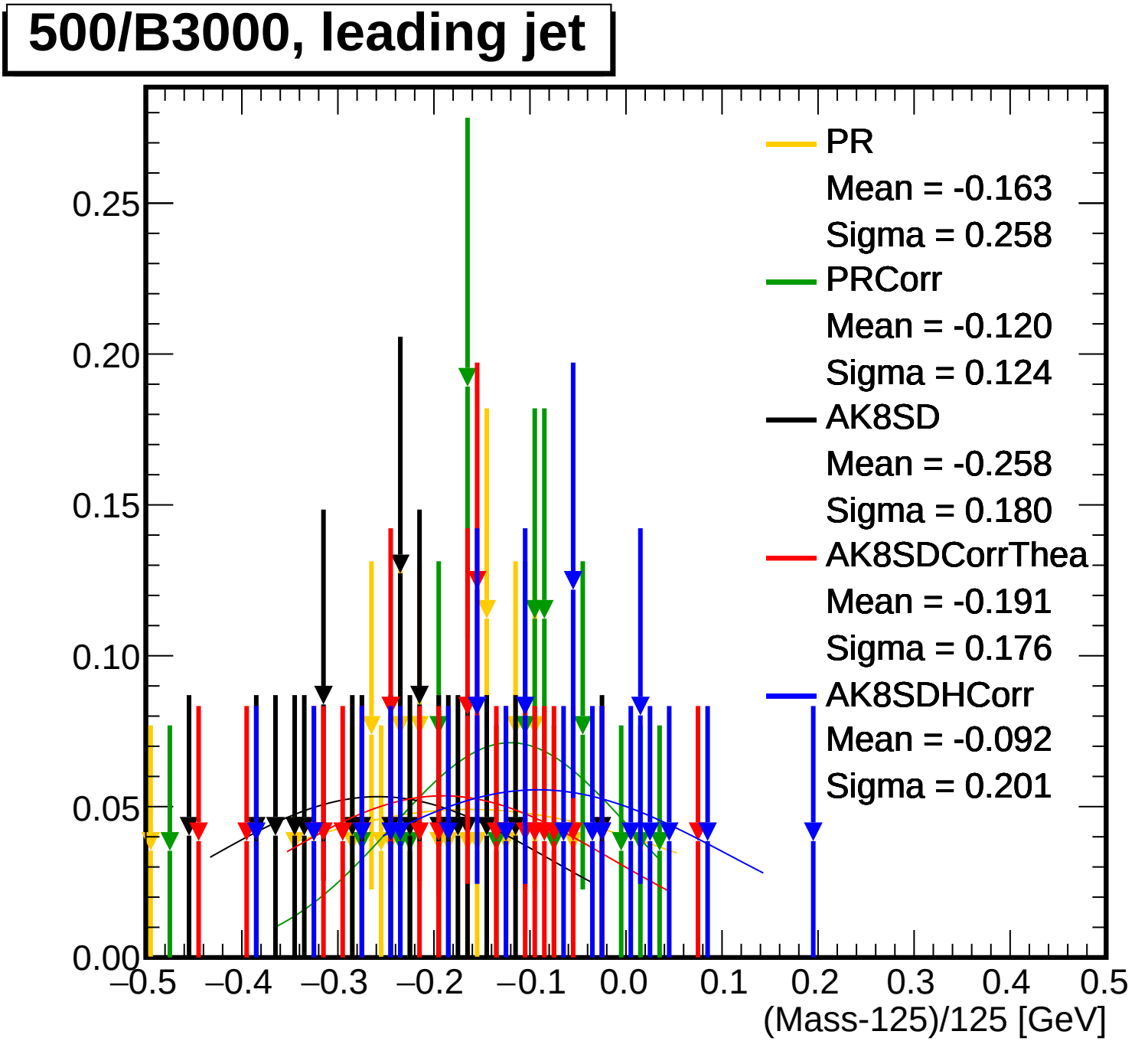
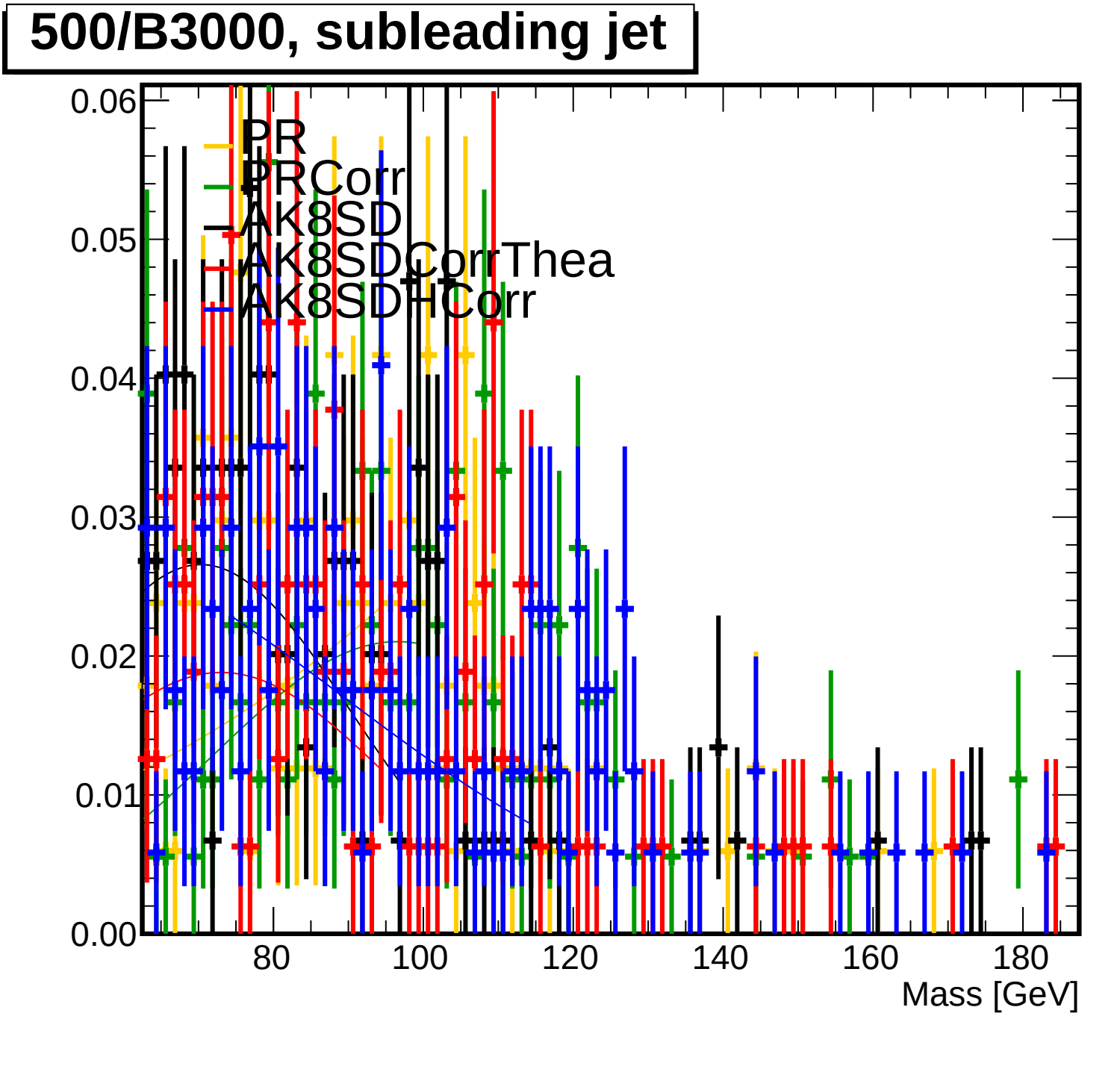
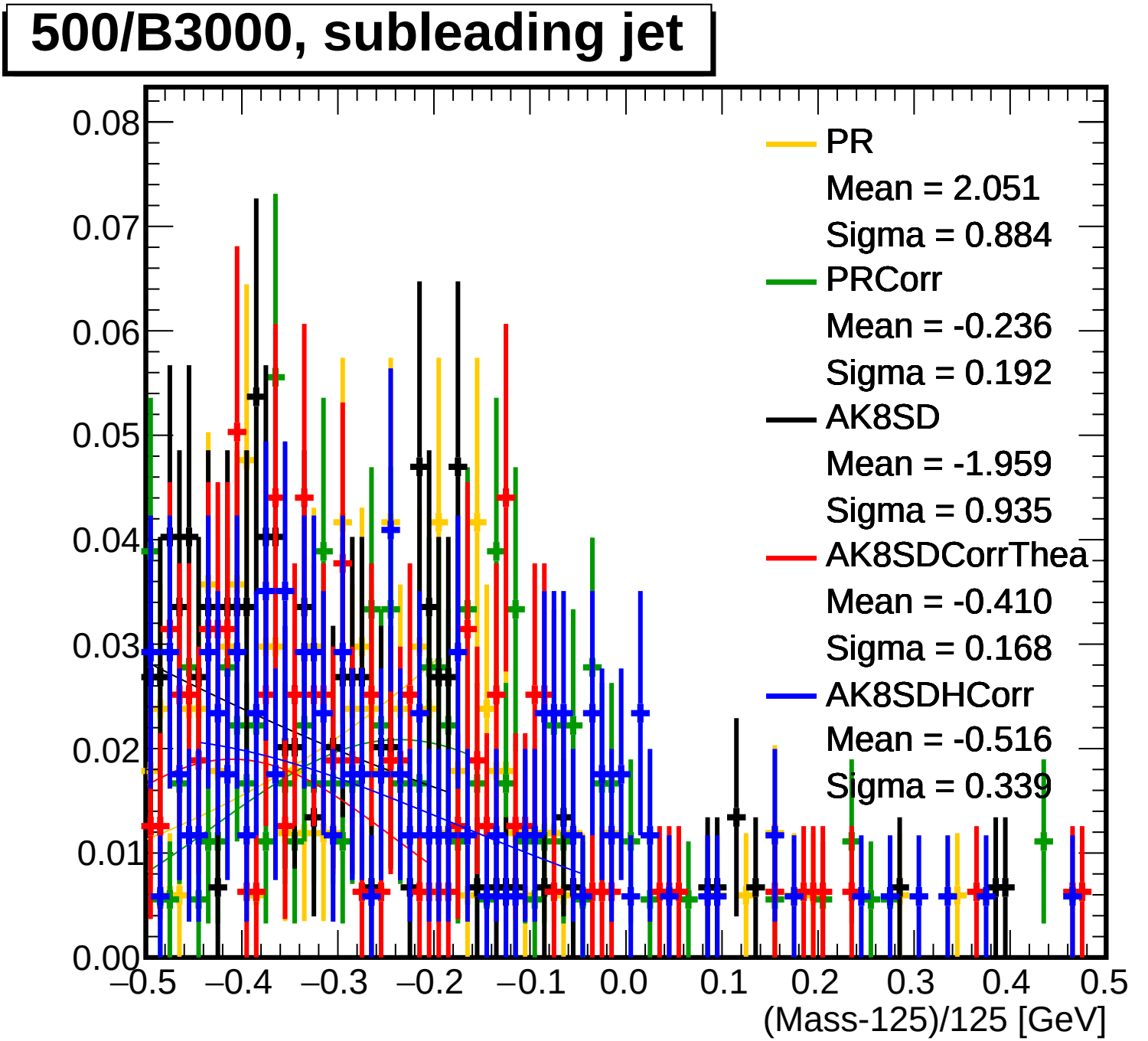
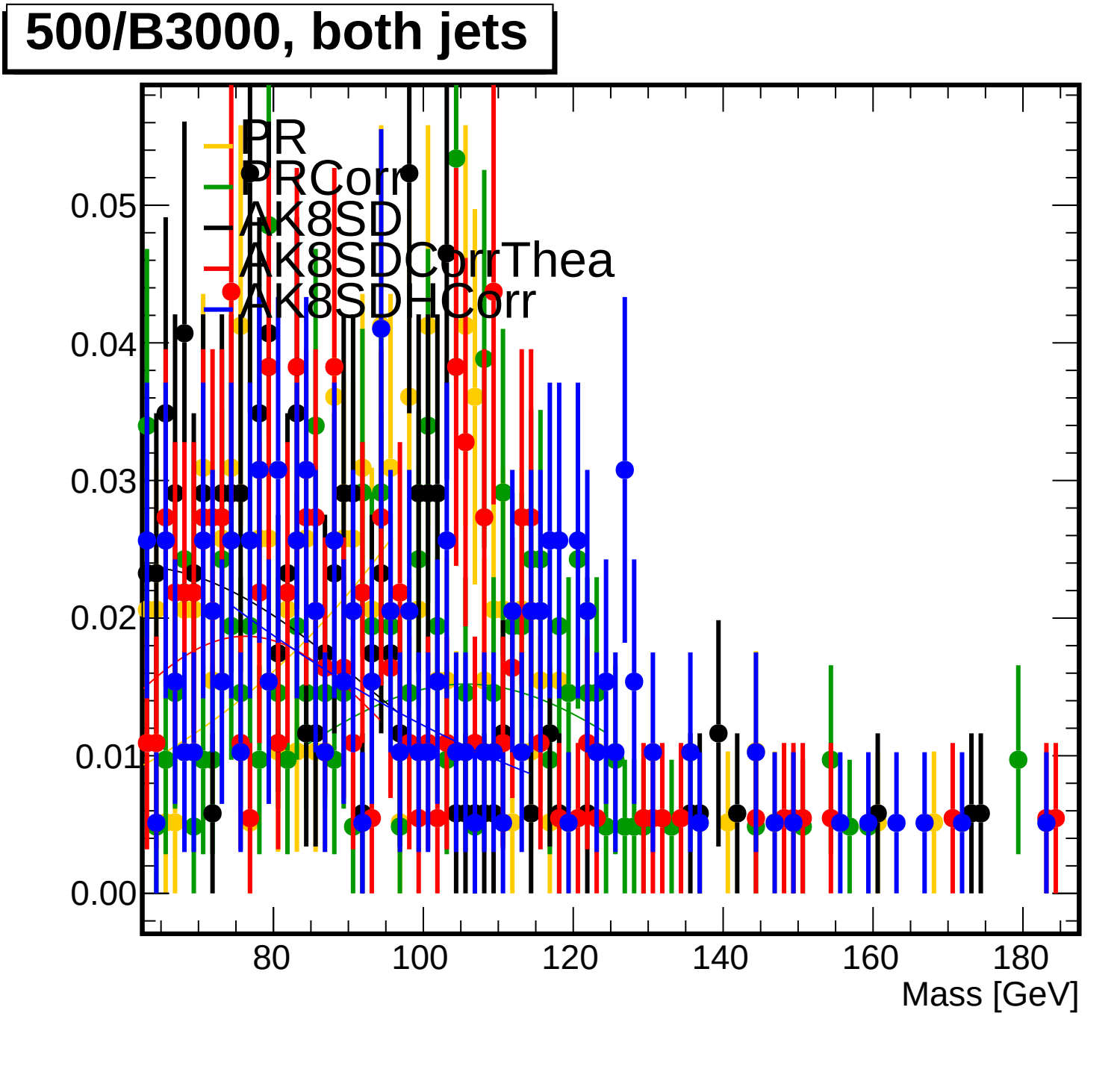
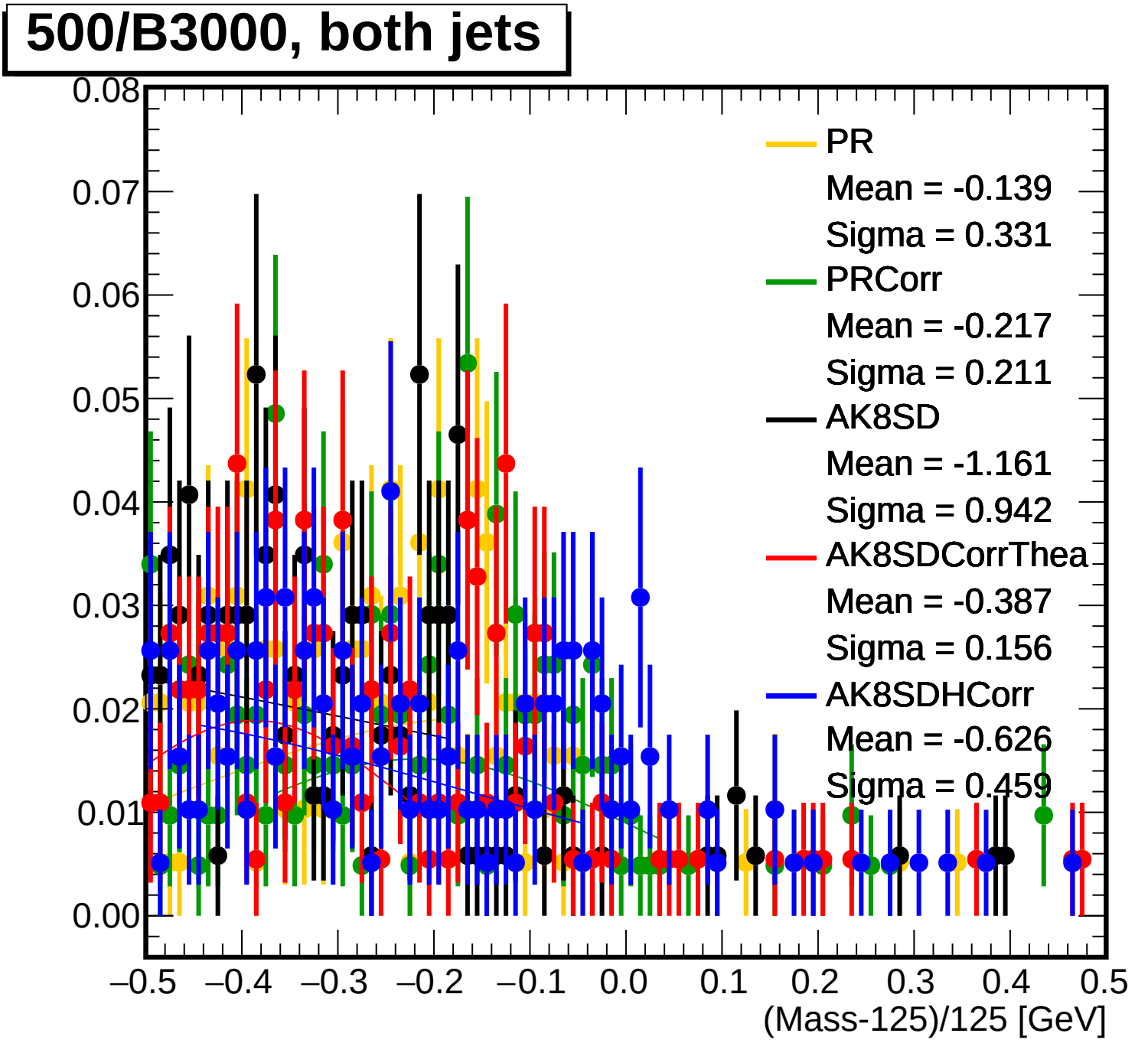

500/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

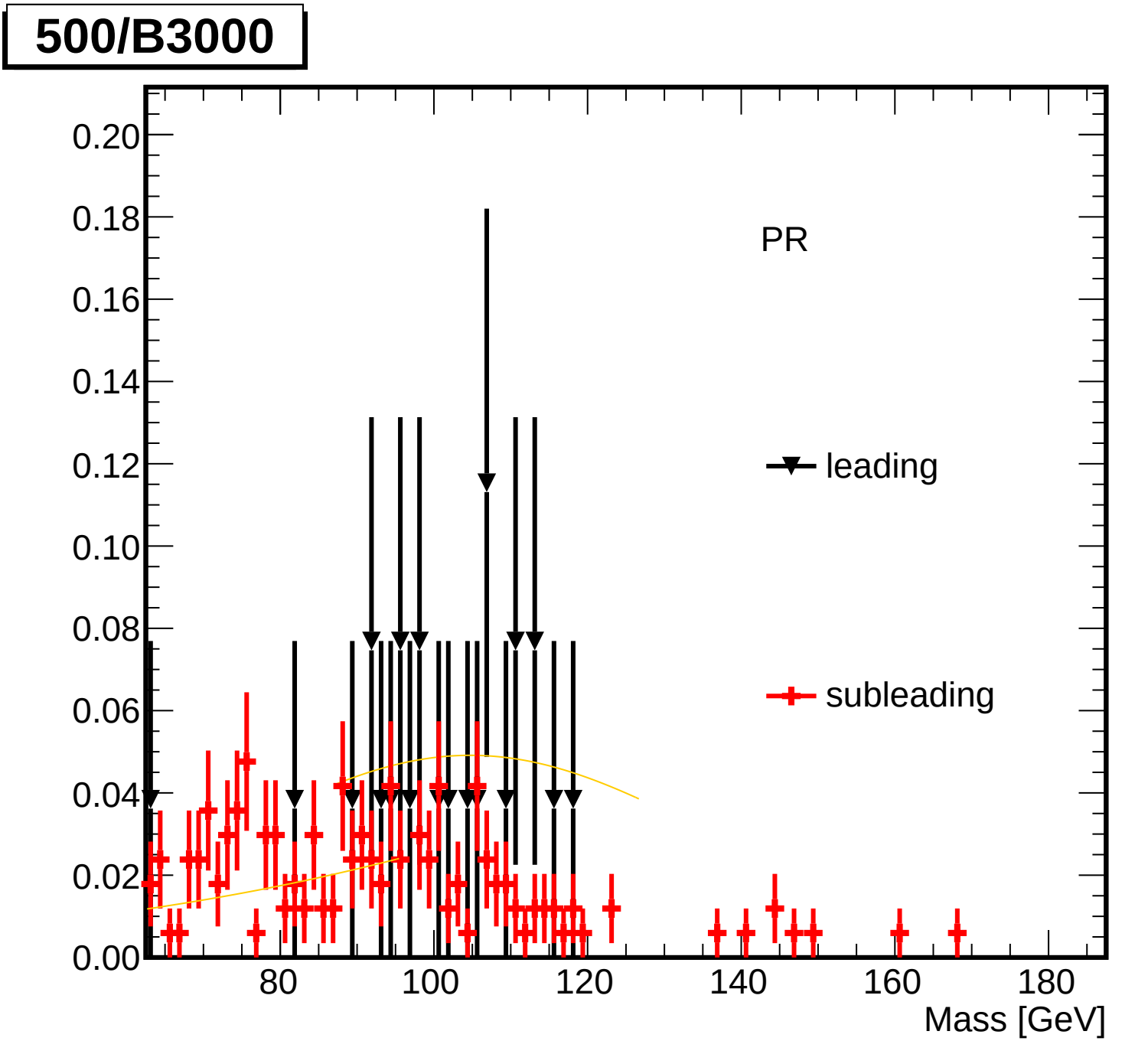

500/B3000, leading jet
PR
Mean = -0.163
Sigma = 0.258
PRCorr
Mean = -0.120
Sigma = 0.124
AK8SD
Mean = -0.258
Sigma = 0.180
AK8SDCorrThea
Mean = -0.191
Sigma = 0.176
AK8SDHCorr
Mean = -0.092
Sigma = 0.201
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

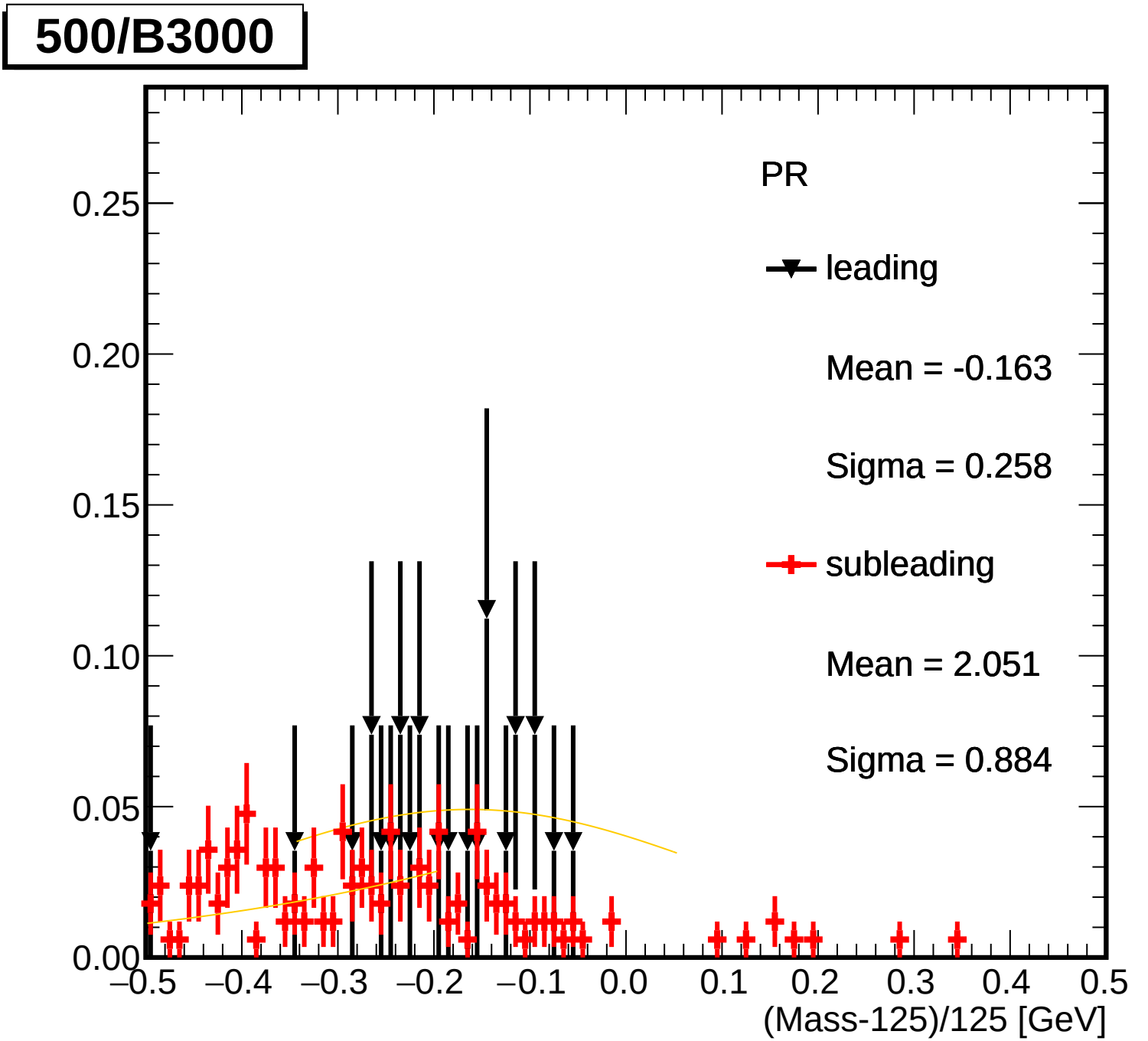

500/B3000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

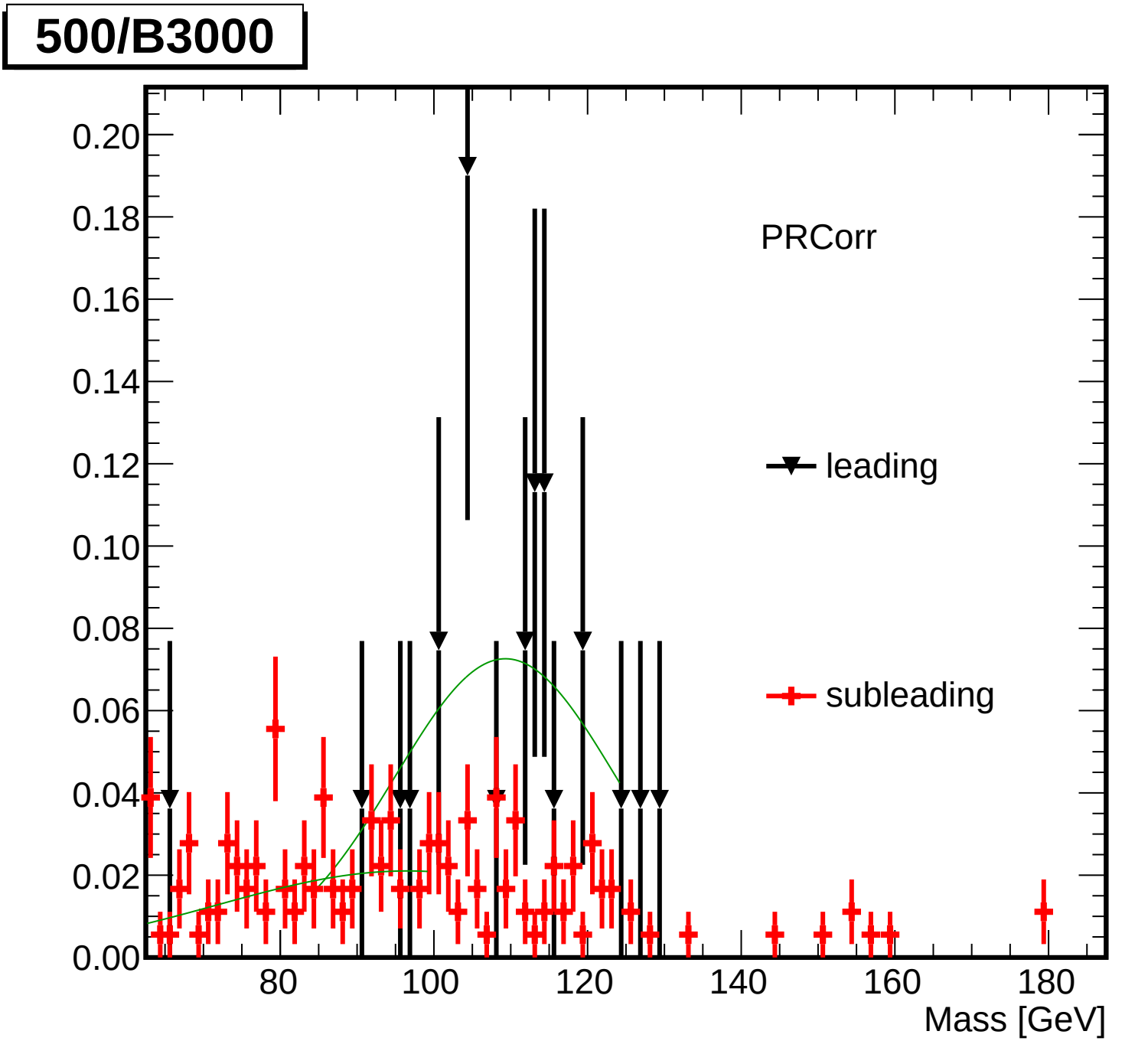

500/B3000, subleading jet
PR
Mean = 2.051
Sigma = 0.884
PRCorr
Mean = -0.236
Sigma = 0.192
AK8SD
Mean = -1.959
Sigma = 0.935
AK8SDCorrThea
Mean = -0.410
Sigma = 0.168
AK8SDHCorr
Mean = -0.516
Sigma = 0.339
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

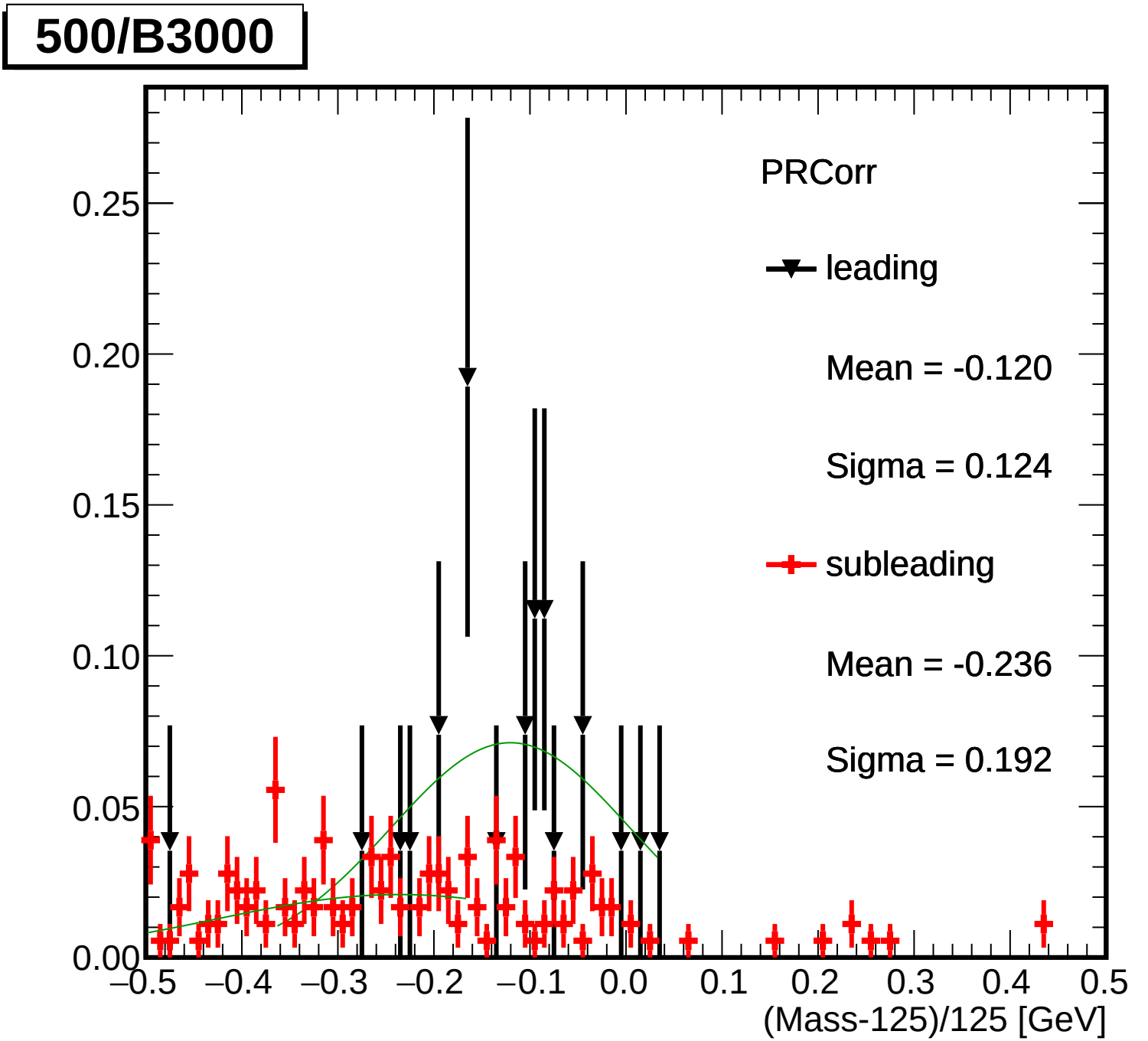

500/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

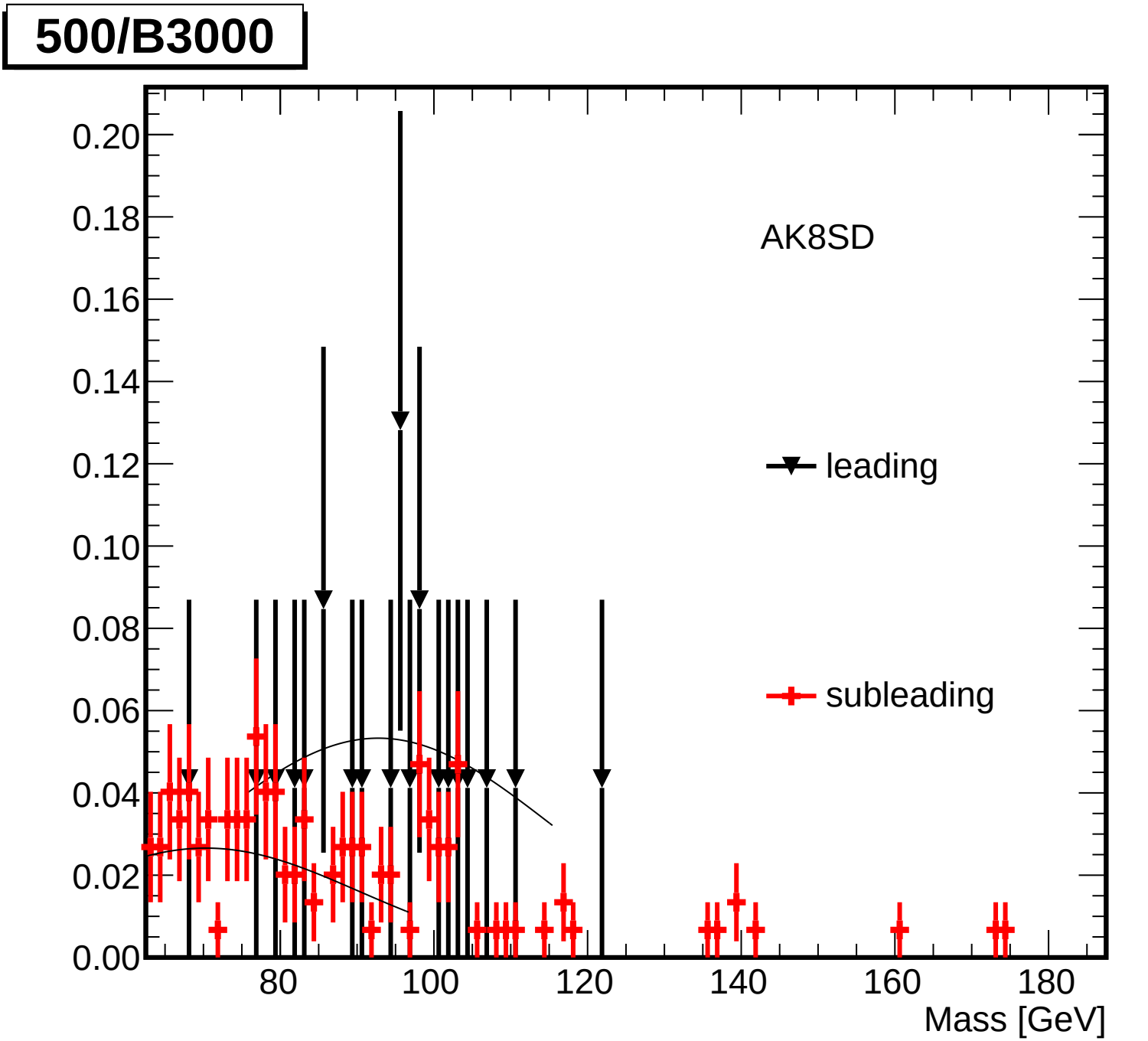

500/B3000, both jets
PR
Mean = -0.139
Sigma = 0.331
PRCorr
Mean = -0.217
Sigma = 0.211
AK8SD
Mean = -1.161
Sigma = 0.942
AK8SDCorrThea
Mean = -0.387
Sigma = 0.156
AK8SDHCorr
Mean = -0.626
Sigma = 0.459
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

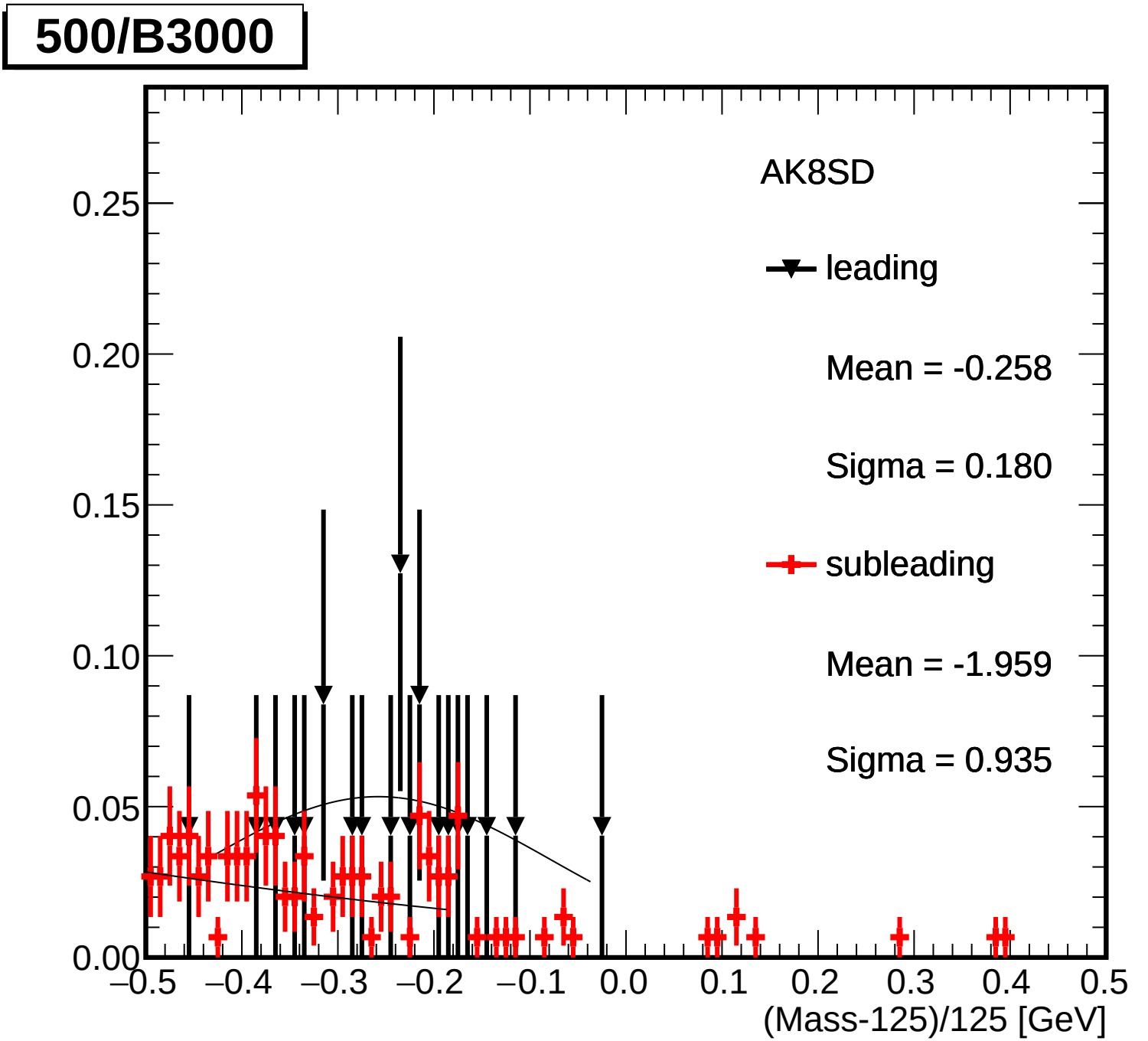

500/B3000
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

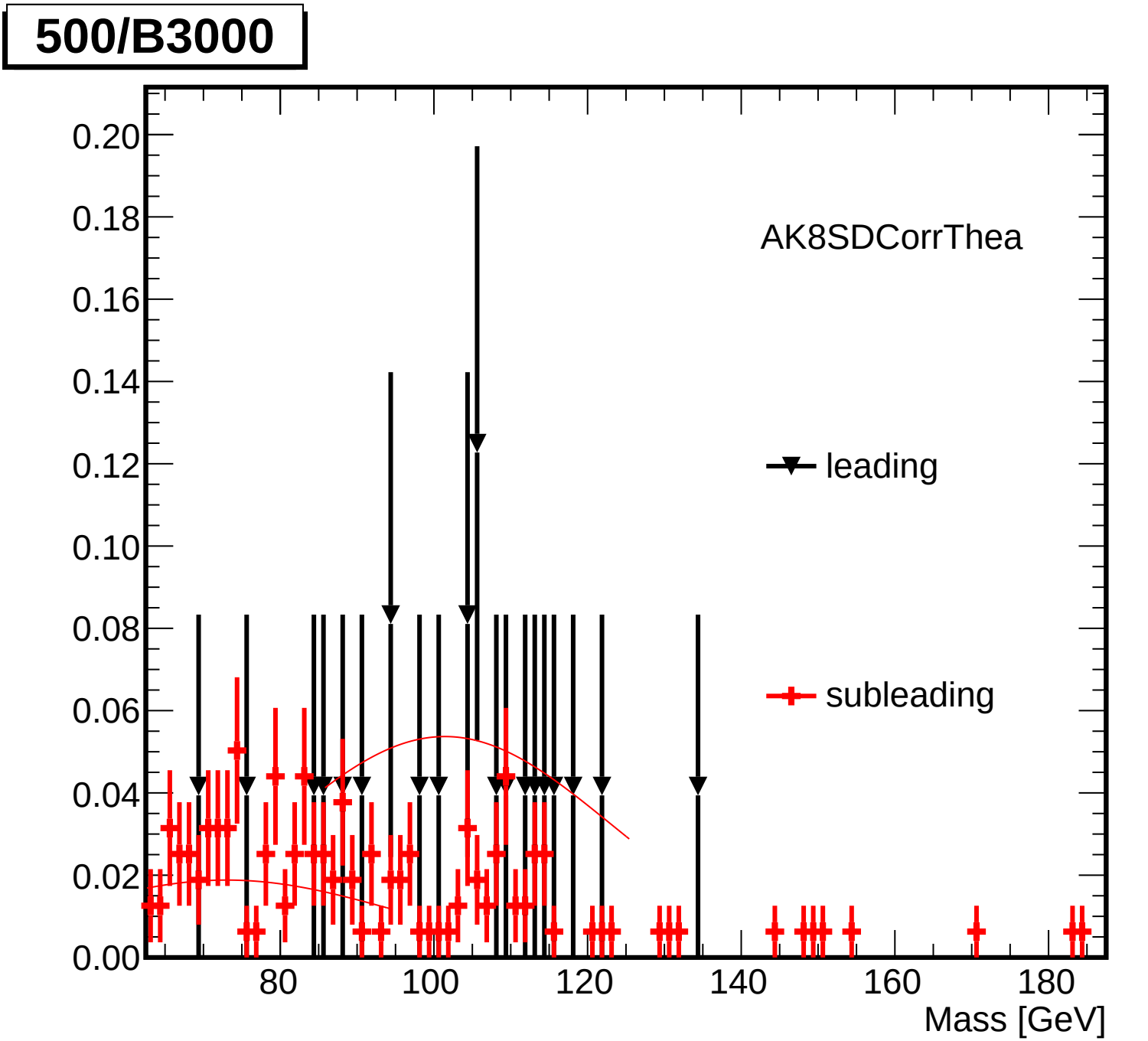

500/B3000
PR
leading
Mean = -0.163
Sigma = 0.258
subleading
Mean = 2.051
Sigma = 0.884
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

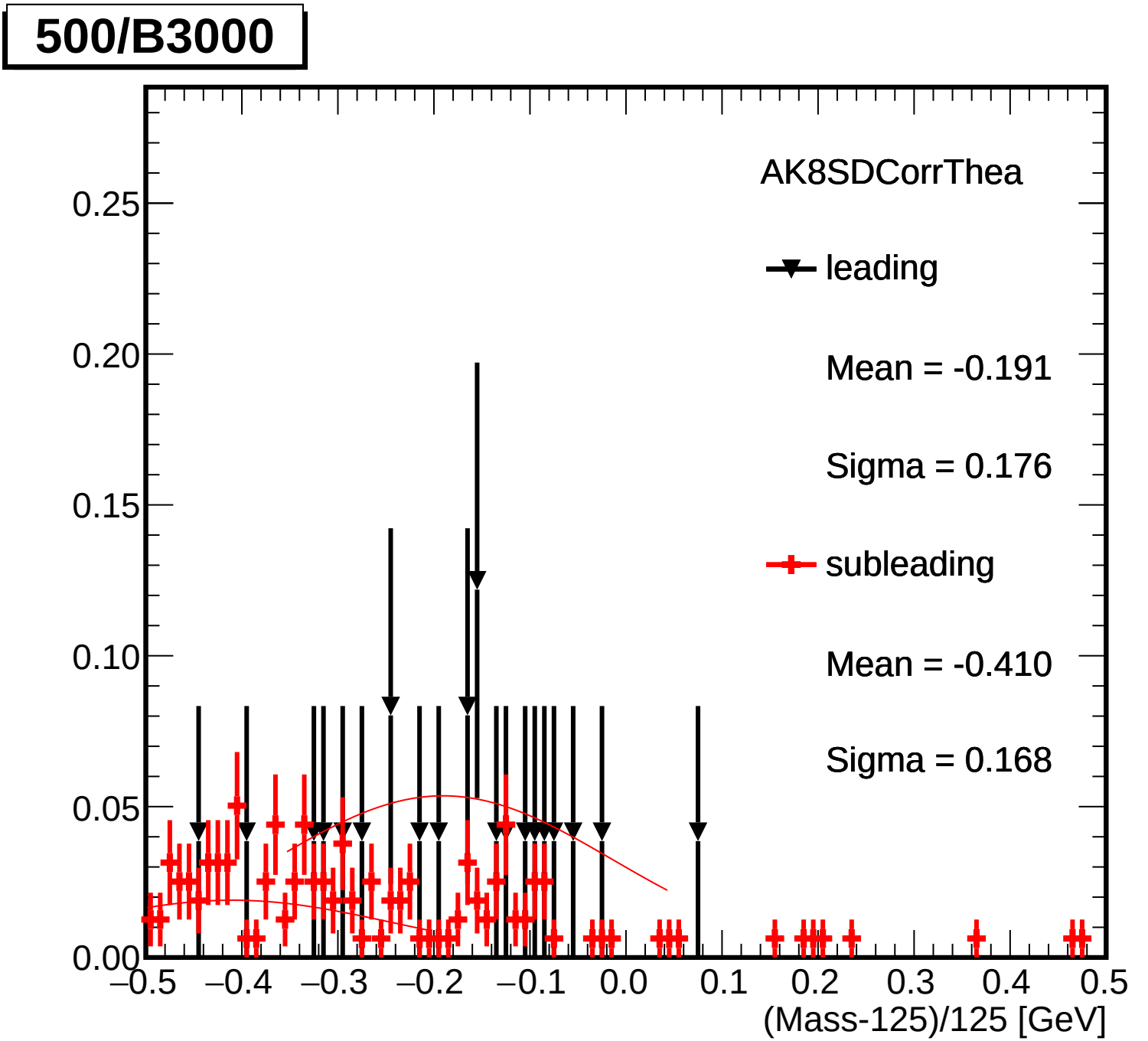

500/B3000
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

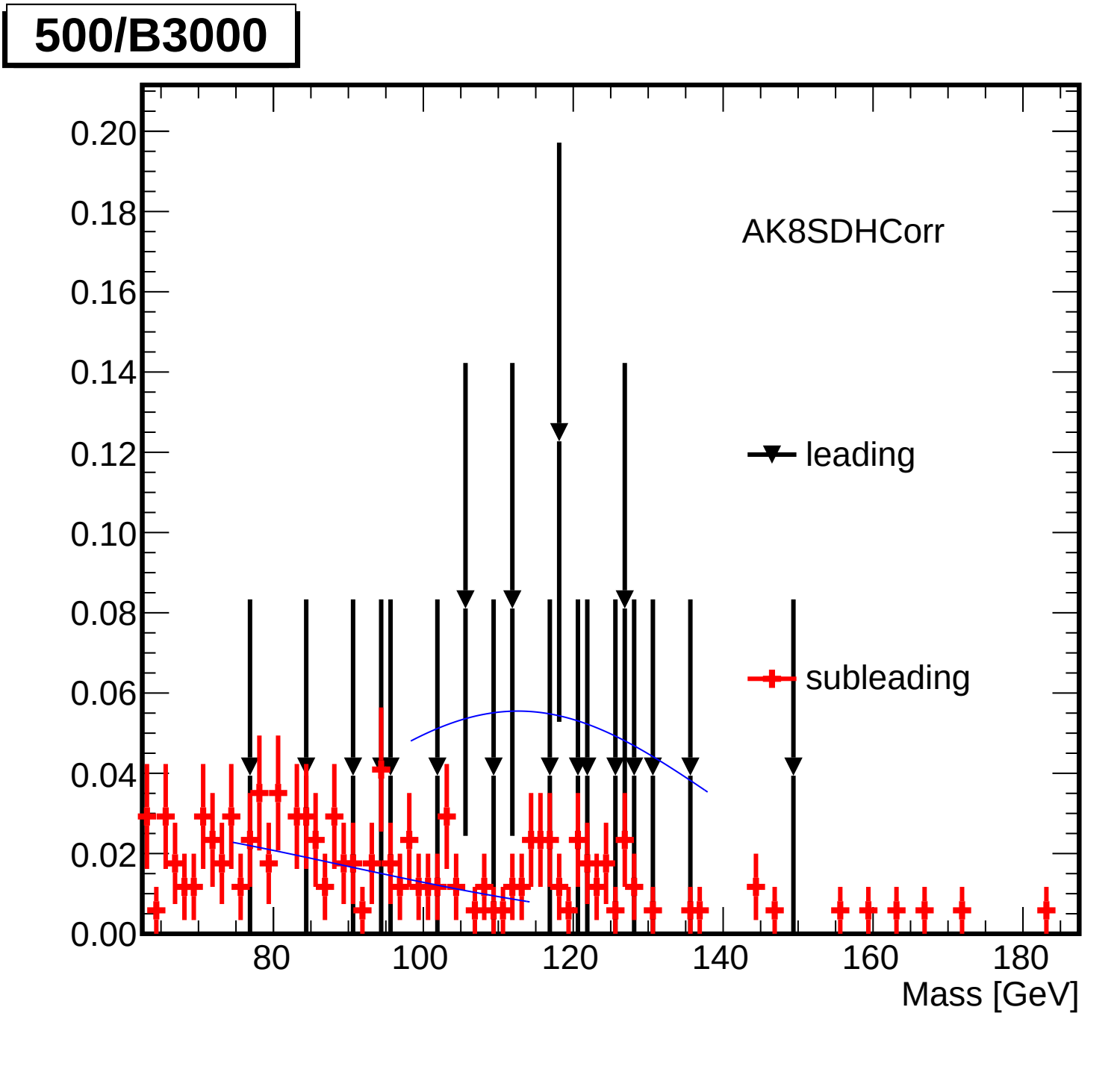

500/B3000
PRCorr
leading
Mean = -0.120
Sigma = 0.124
subleading
Mean = -0.236
Sigma = 0.192
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

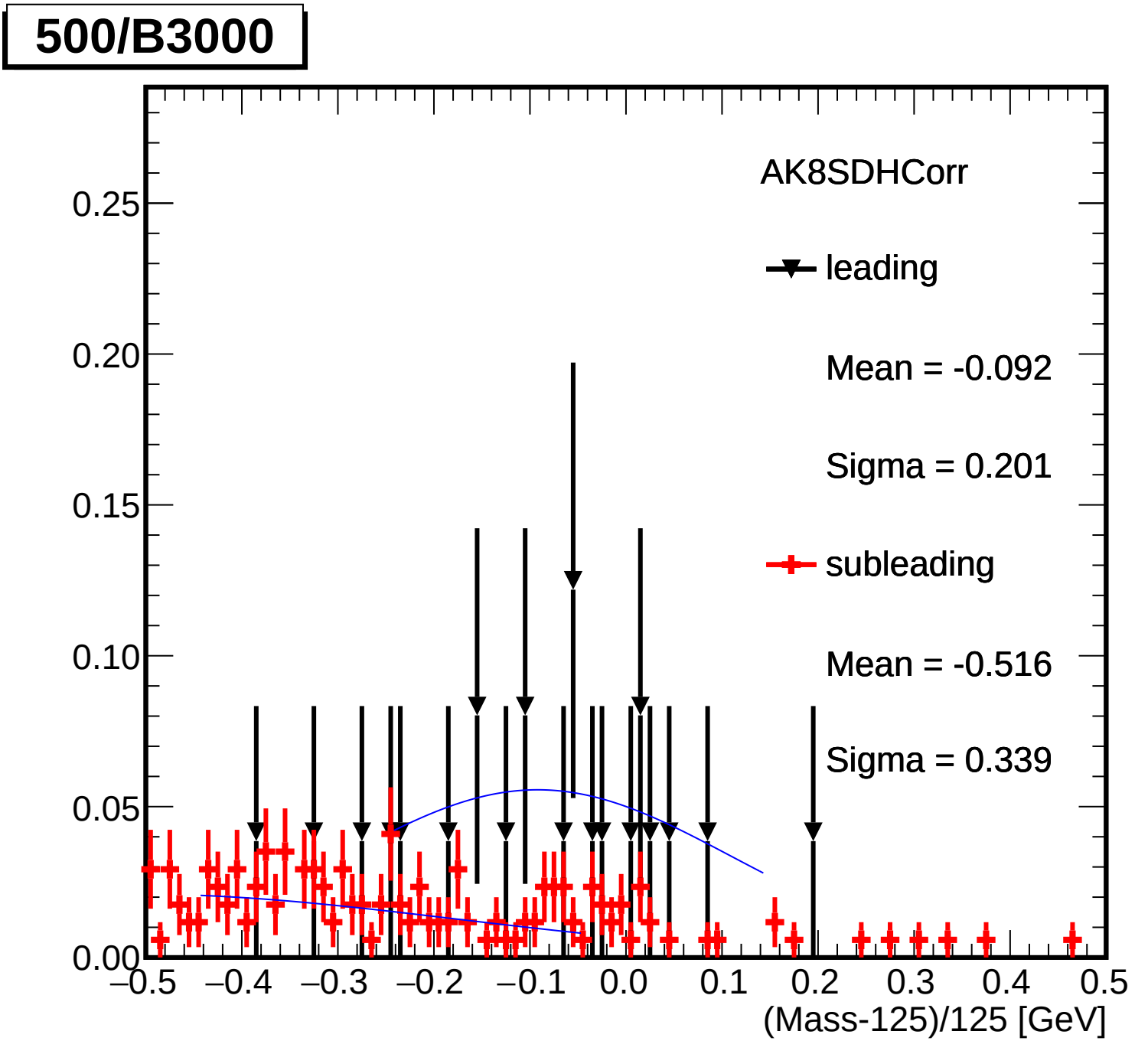

500/B3000
AK8SD
leading
subleading
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


500/B3000
AK8SD
leading
Mean = -0.258
Sigma = 0.180
subleading
Mean = -1.959
Sigma = 0.935
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]


500/B3000
AK8SDCorrThea
leading
subleading
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


500/B3000
AK8SDCorrThea
leading
Mean = -0.191
Sigma = 0.176
subleading
Mean = -0.410
Sigma = 0.168
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]


500/B3000
AK8SDHCorr
leading
subleading
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


500/B3000
AK8SDHCorr
leading
Mean = -0.092
Sigma = 0.201
subleading
Mean = -0.516
Sigma = 0.339
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]