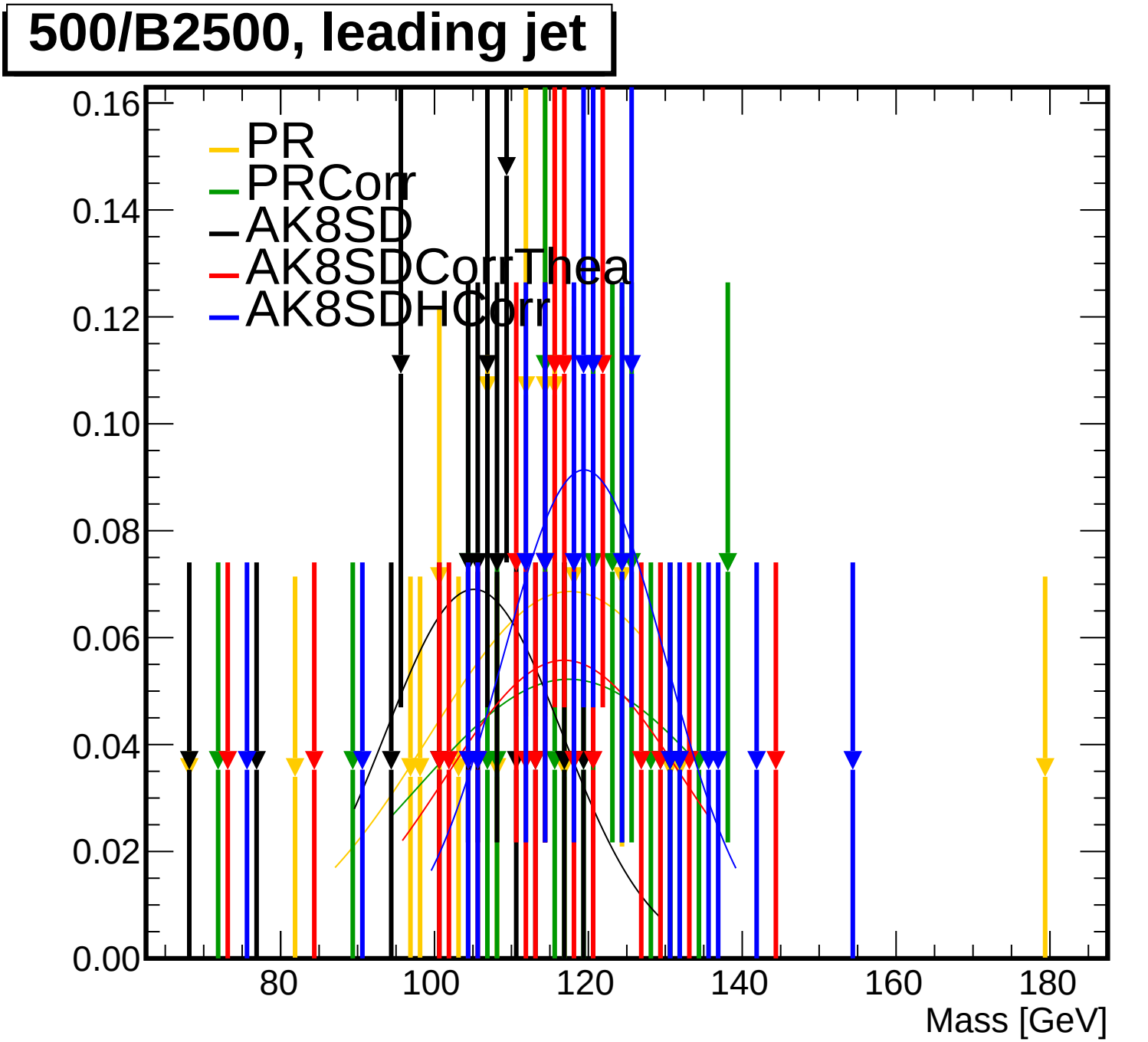
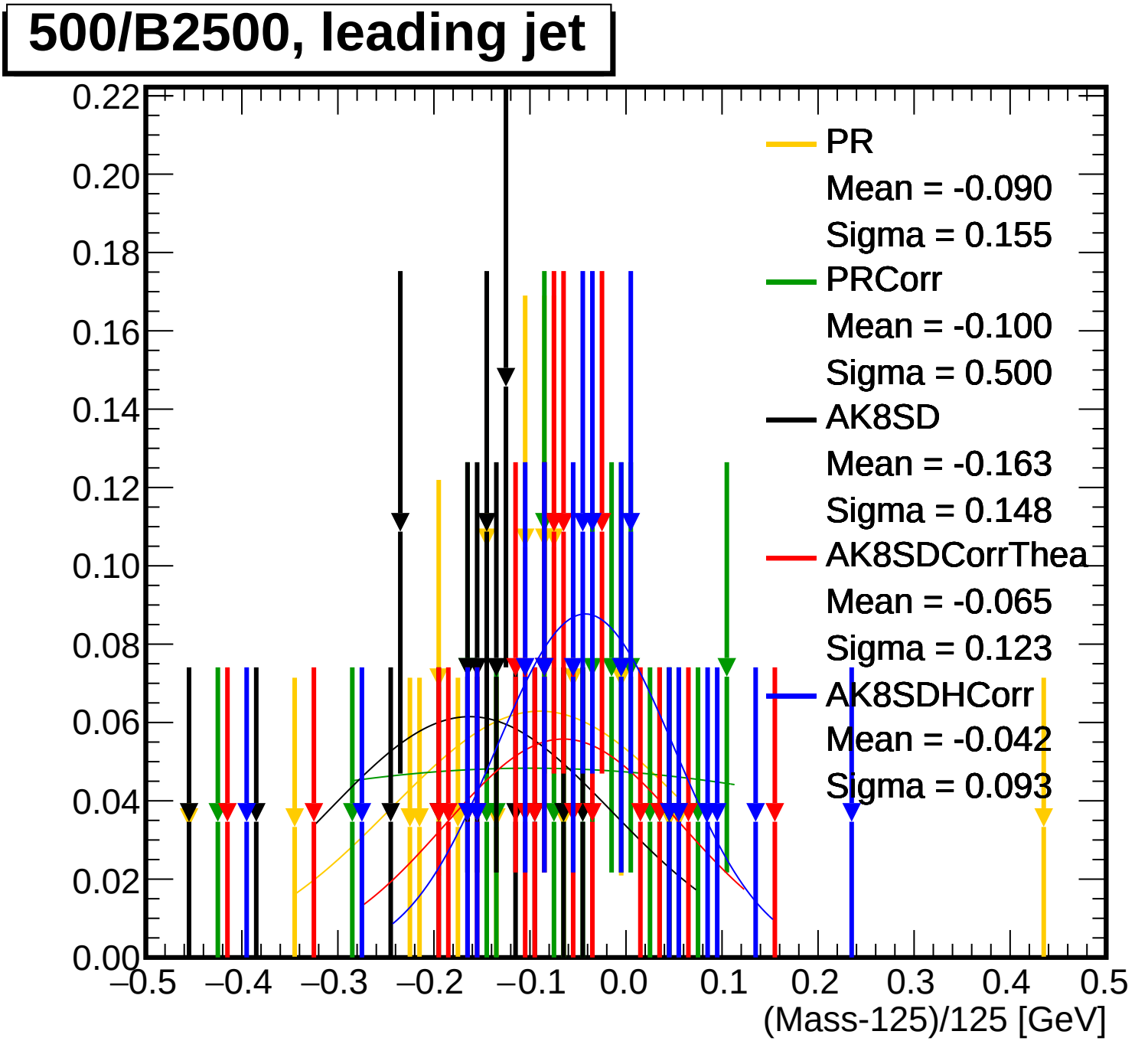
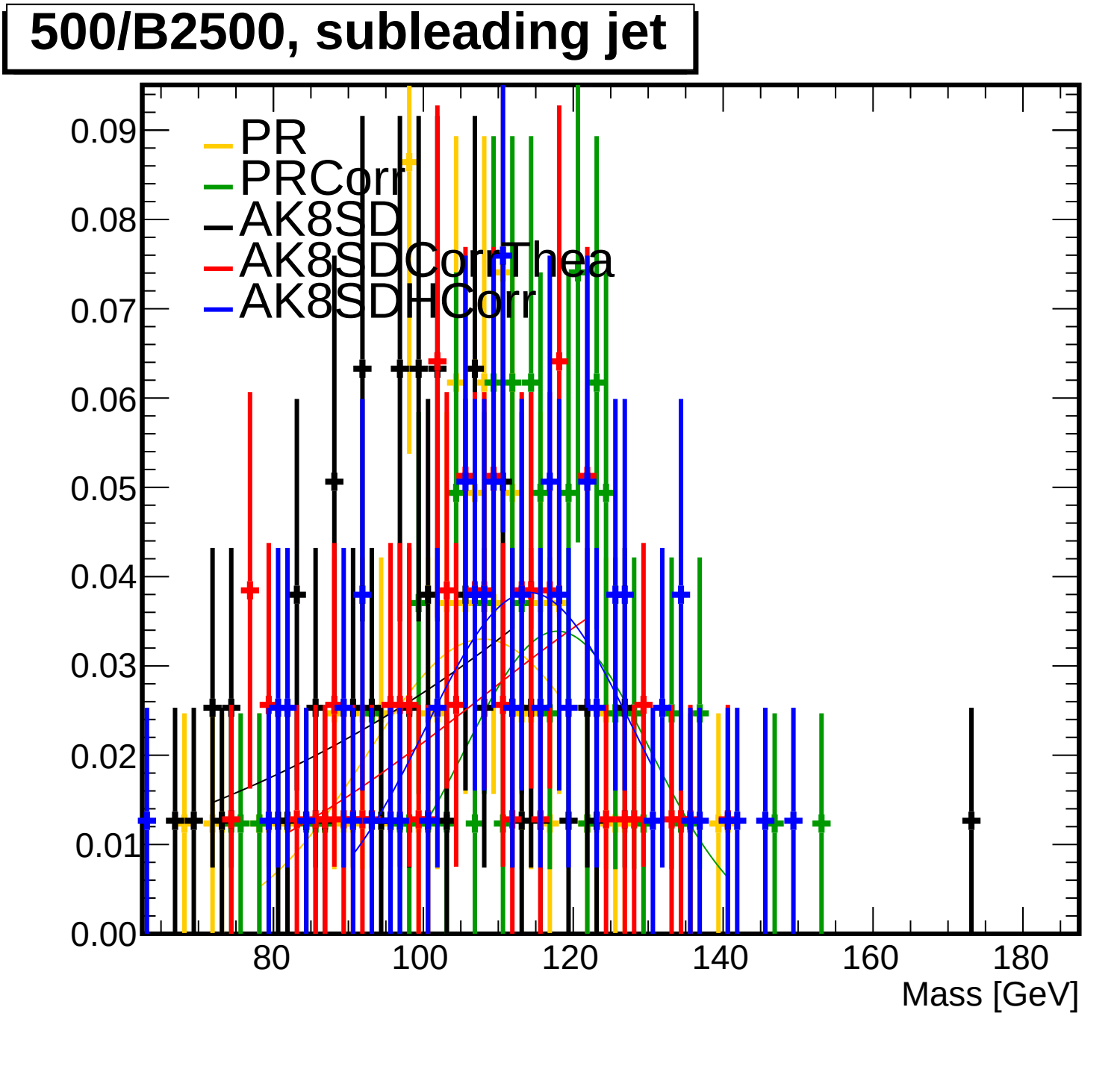
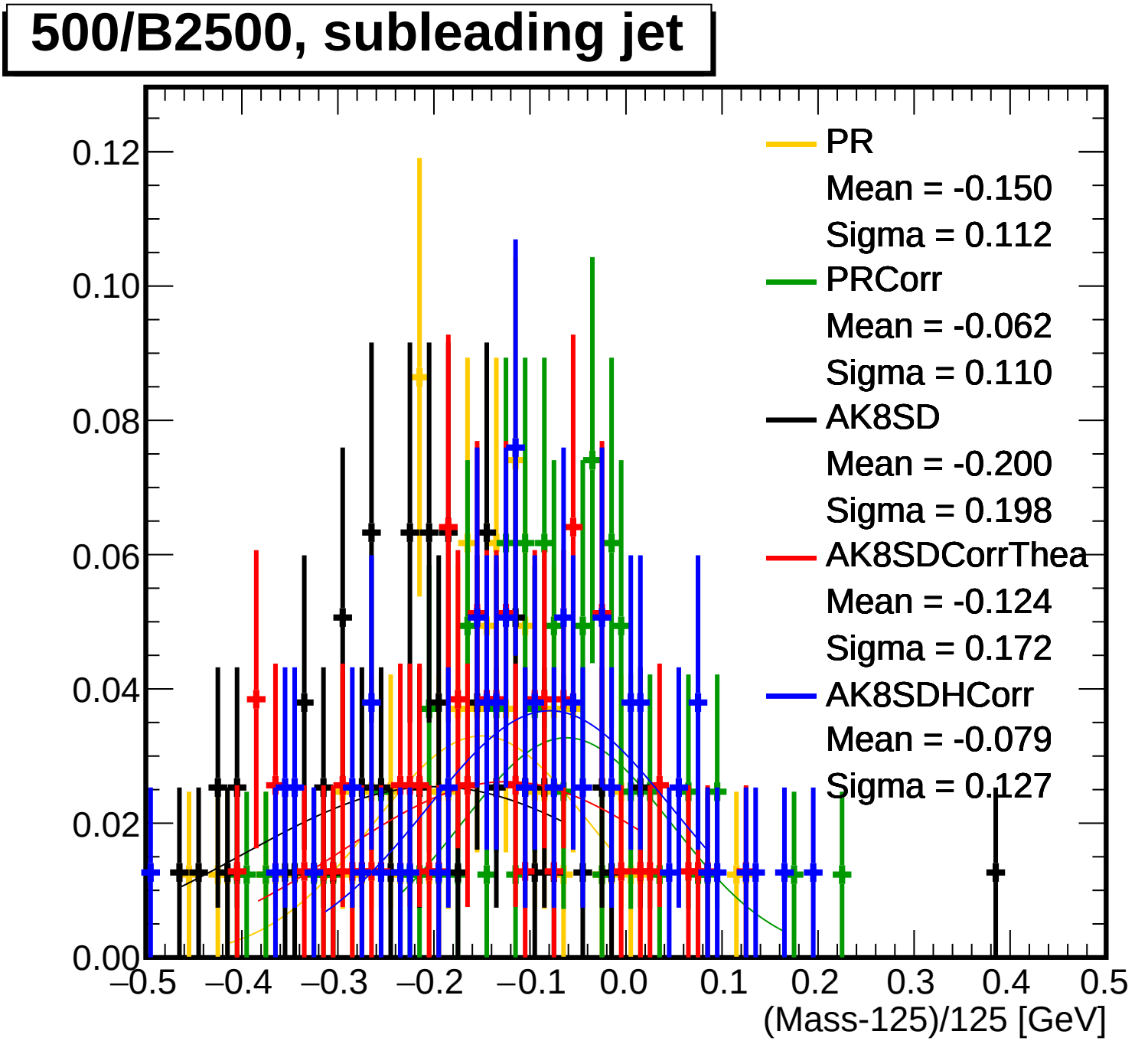
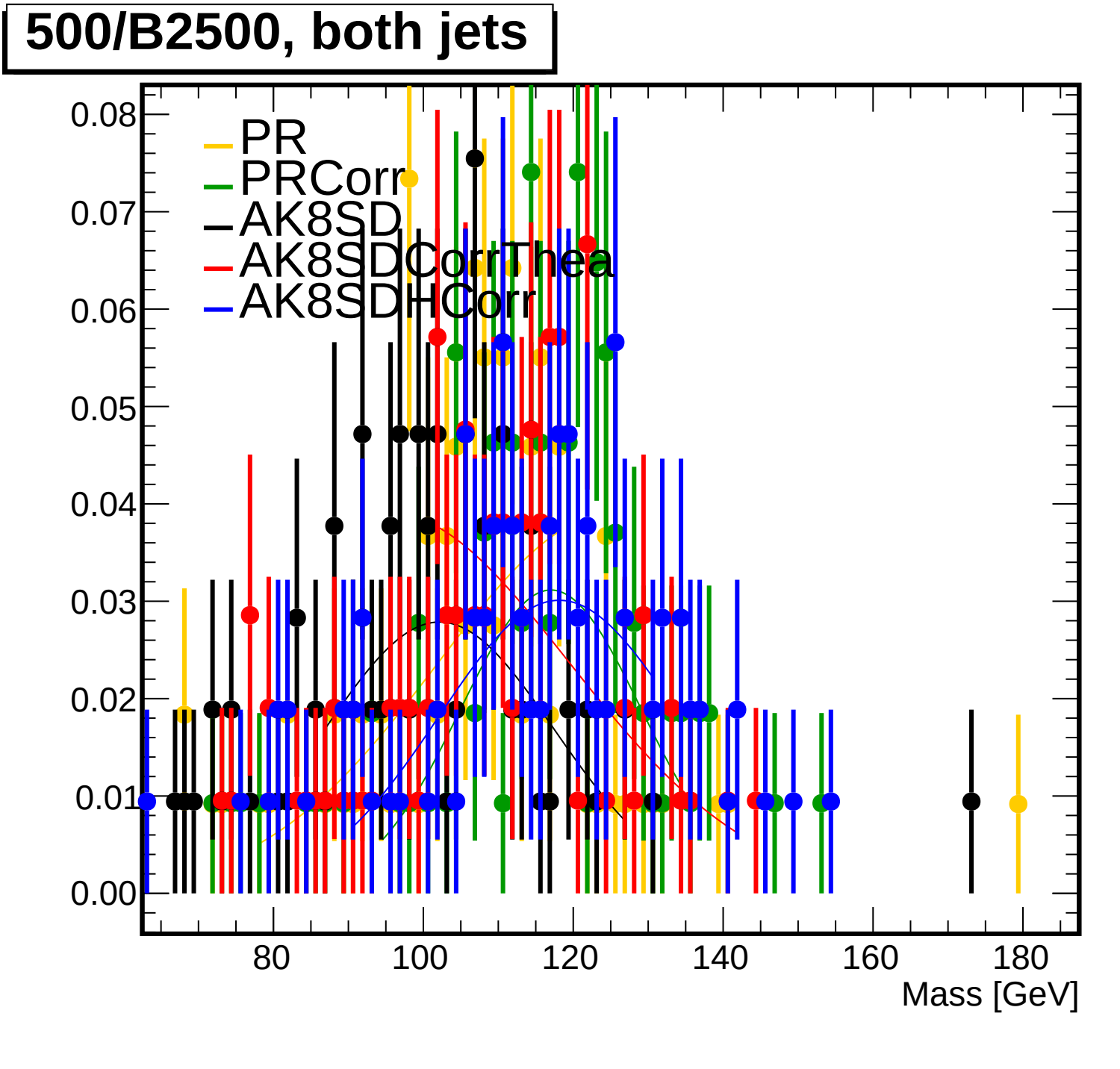
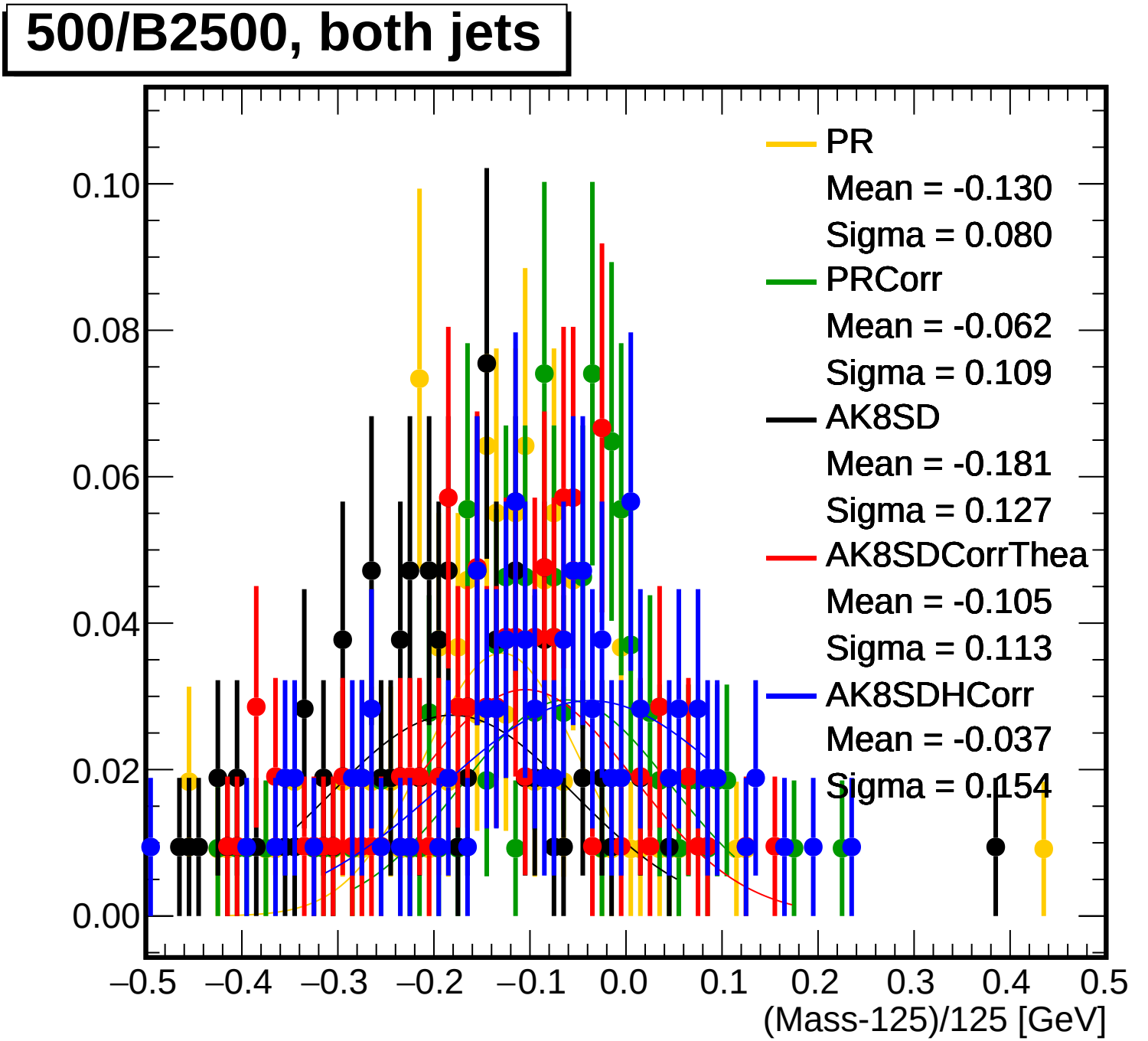

500/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

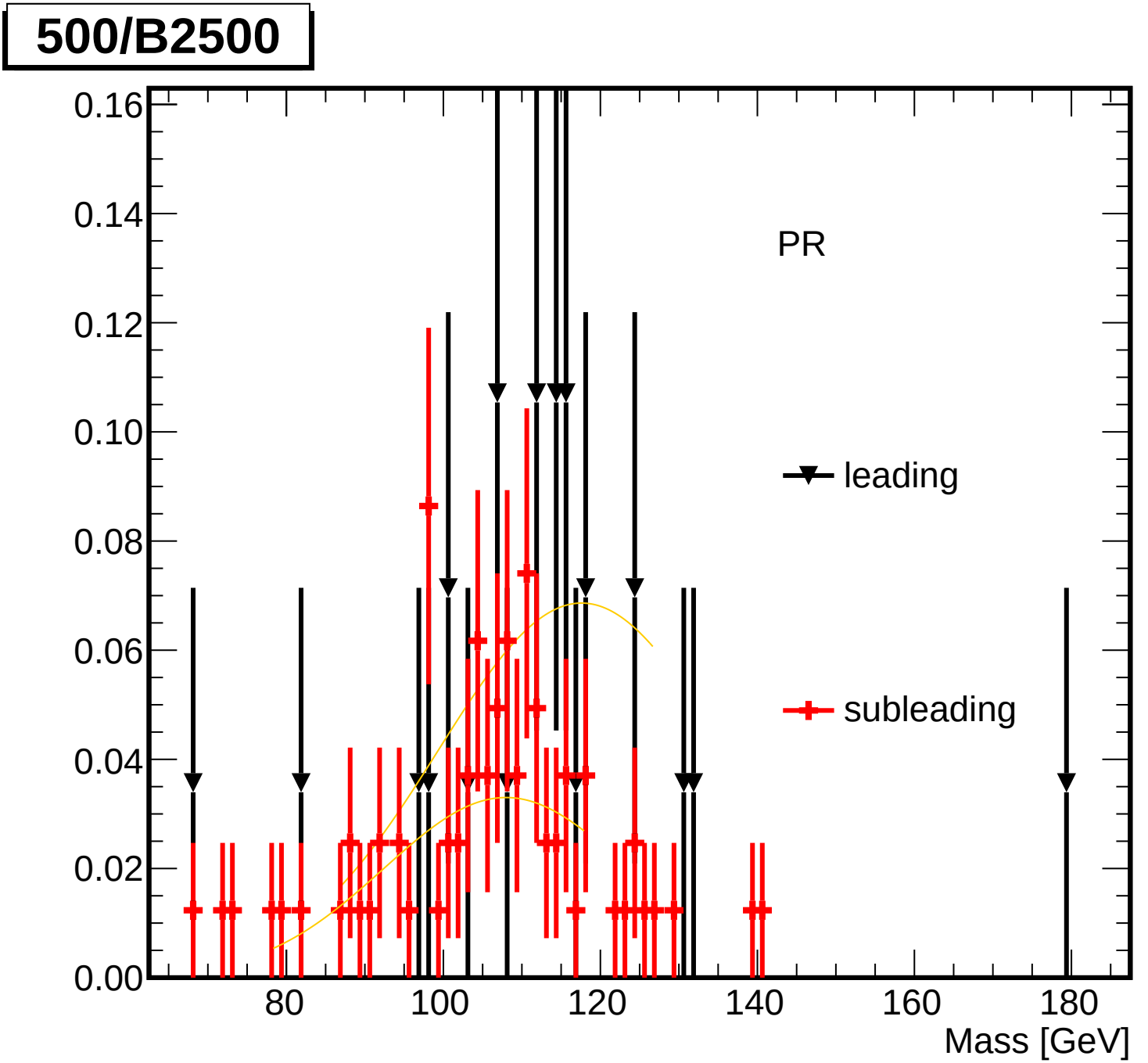

500/B2500, leading jet
PR
Mean = -0.090
Sigma = 0.155
PRCorr
Mean = -0.100
Sigma = 0.500
AK8SD
Mean = -0.163
Sigma = 0.148
AK8SDCorrThea
Mean = -0.065
Sigma = 0.123
AK8SDHCorr
Mean = -0.042
Sigma = 0.093
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

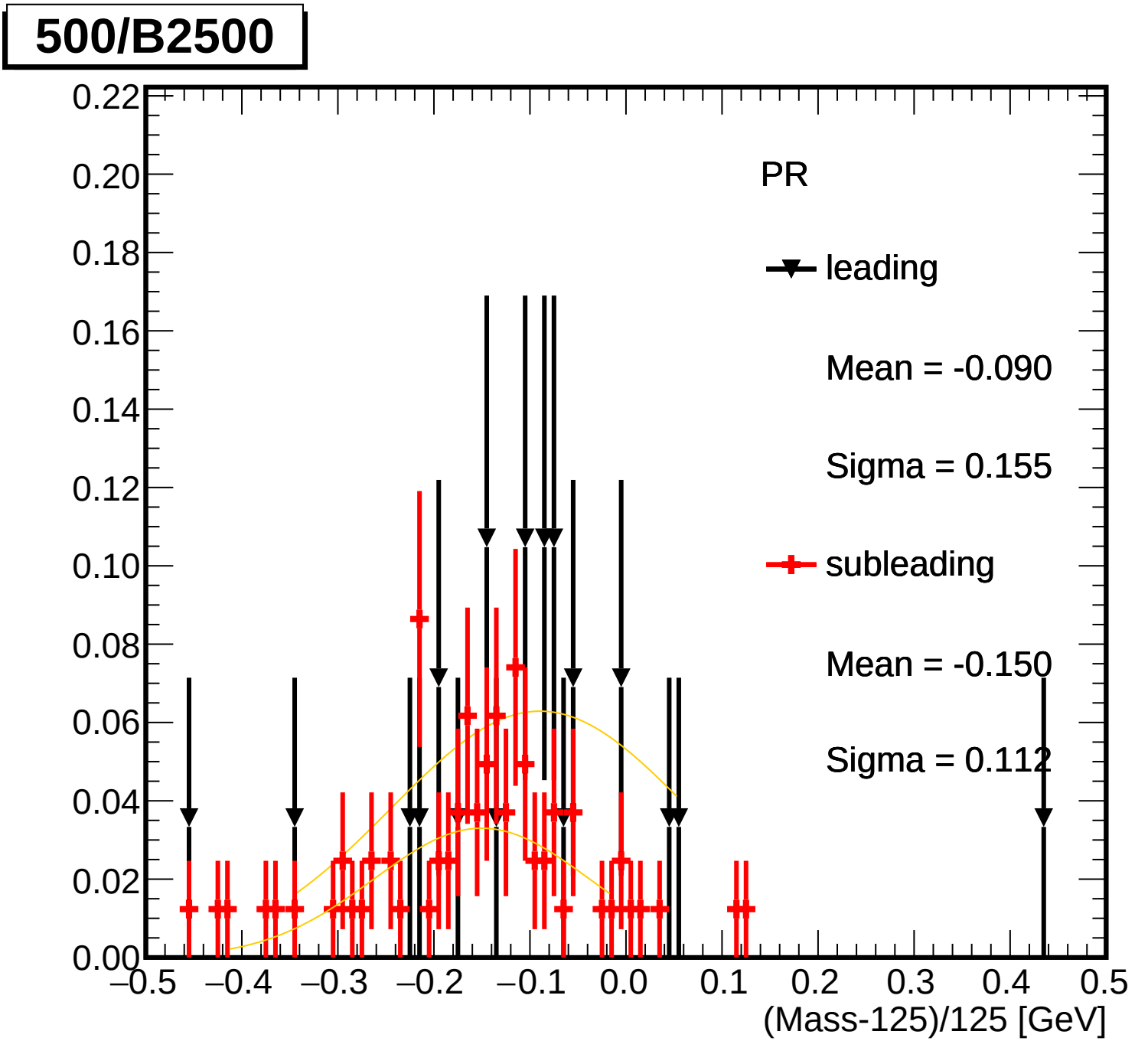

500/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

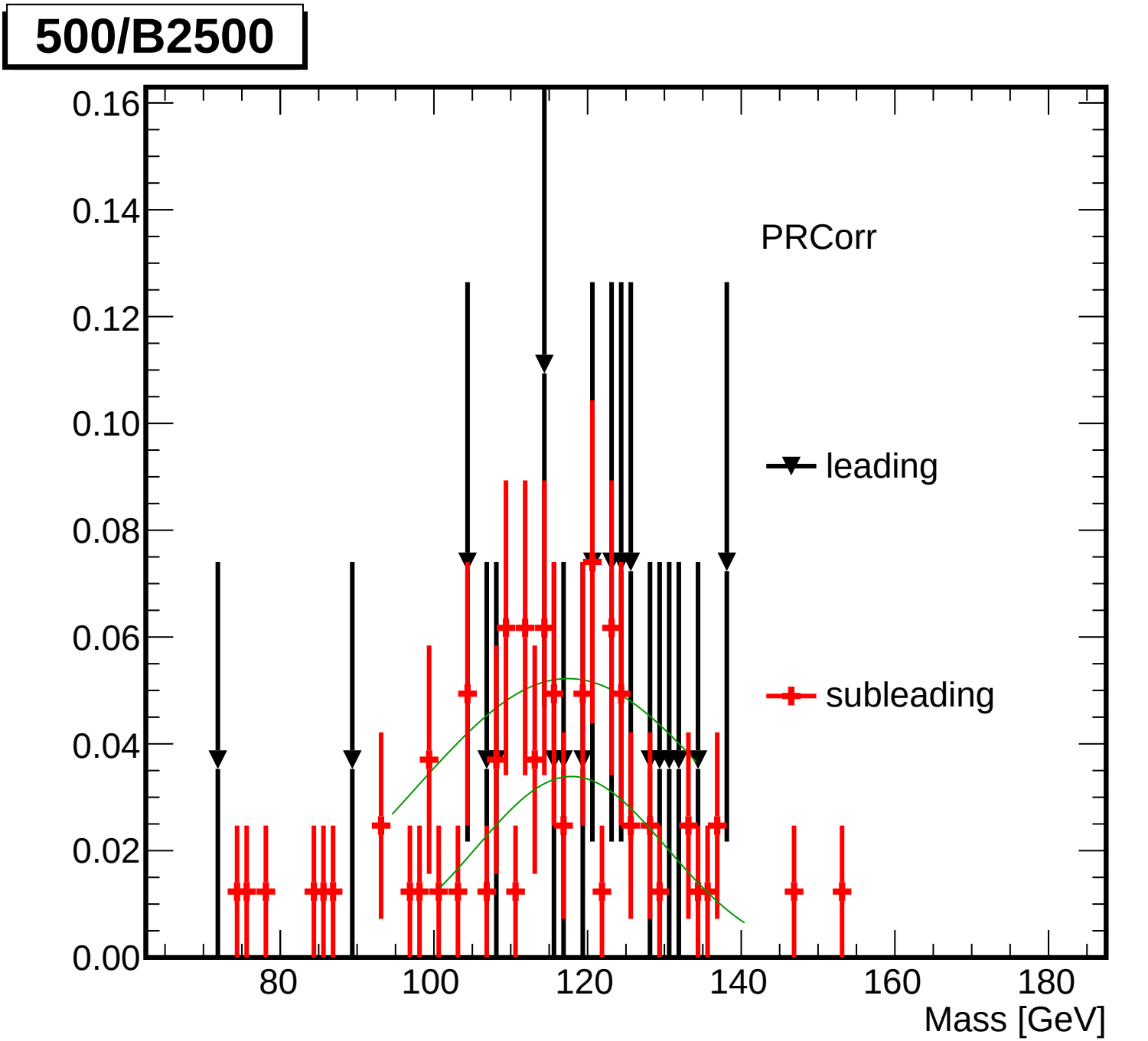

500/B2500, subleading jet
PR
Mean = -0.150
Sigma = 0.112
PRCorr
Mean = -0.062
Sigma = 0.110
AK8SD
Mean = -0.200
Sigma = 0.198
AK8SDCorrThea
Mean = -0.124
Sigma = 0.172
AK8SDHCorr
Mean = -0.079
Sigma = 0.127
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

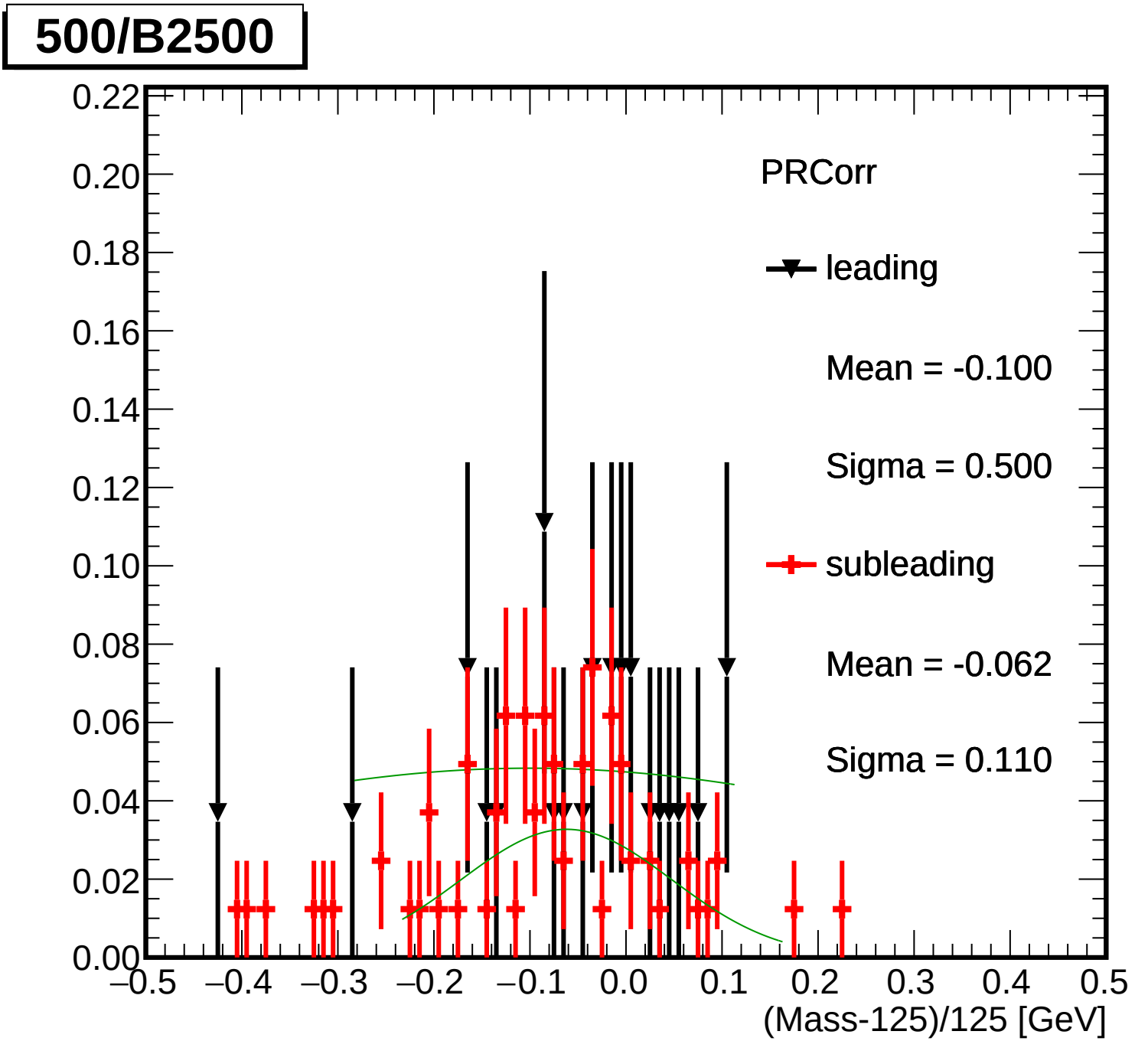

500/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

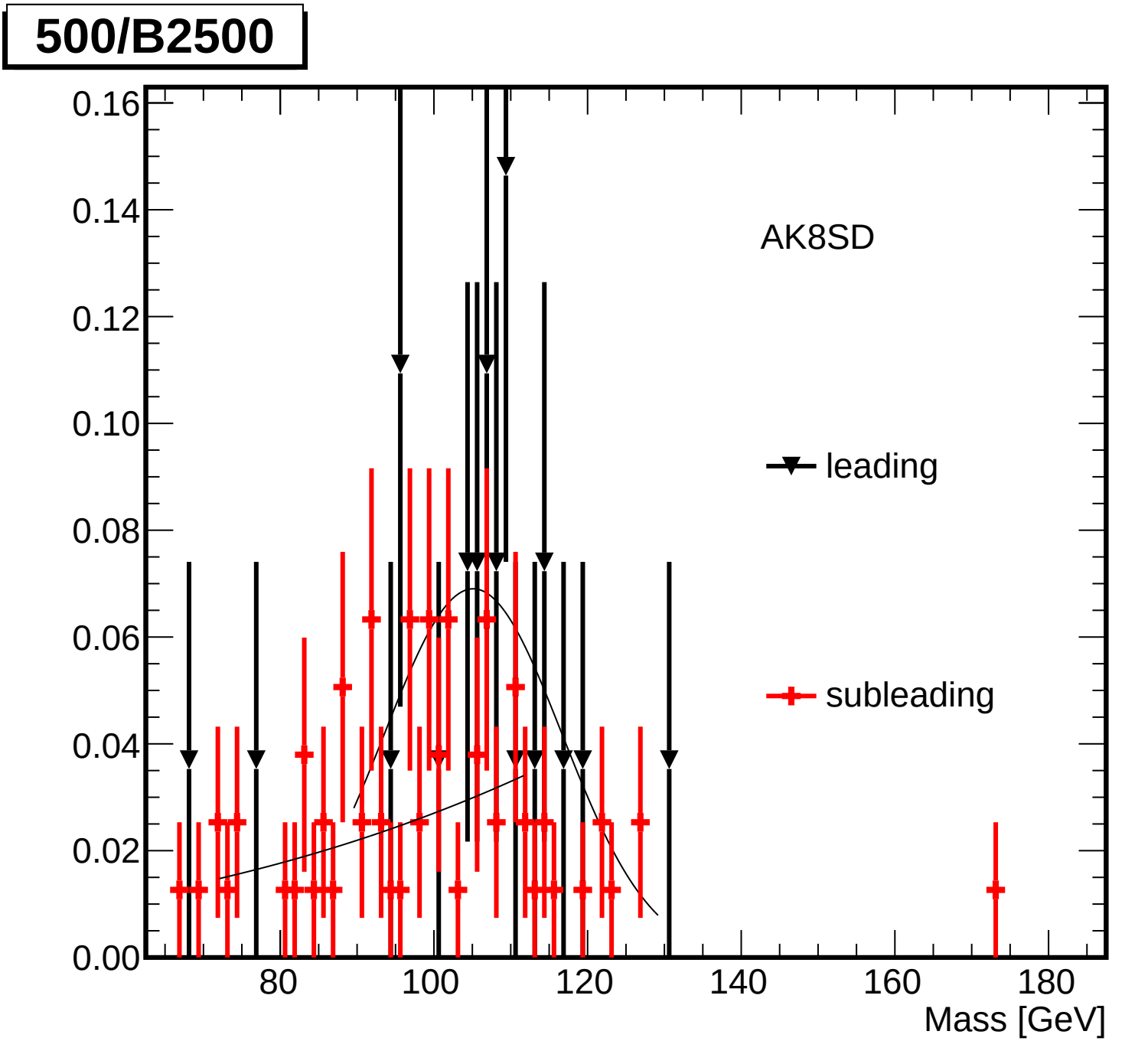

500/B2500, both jets
PR
Mean = -0.130
Sigma = 0.080
PRCorr
Mean = -0.062
Sigma = 0.109
AK8SD
Mean = -0.181
Sigma = 0.127
AK8SDCorrThea
Mean = -0.105
Sigma = 0.113
AK8SDHCorr
Mean = -0.037
Sigma = 0.154
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

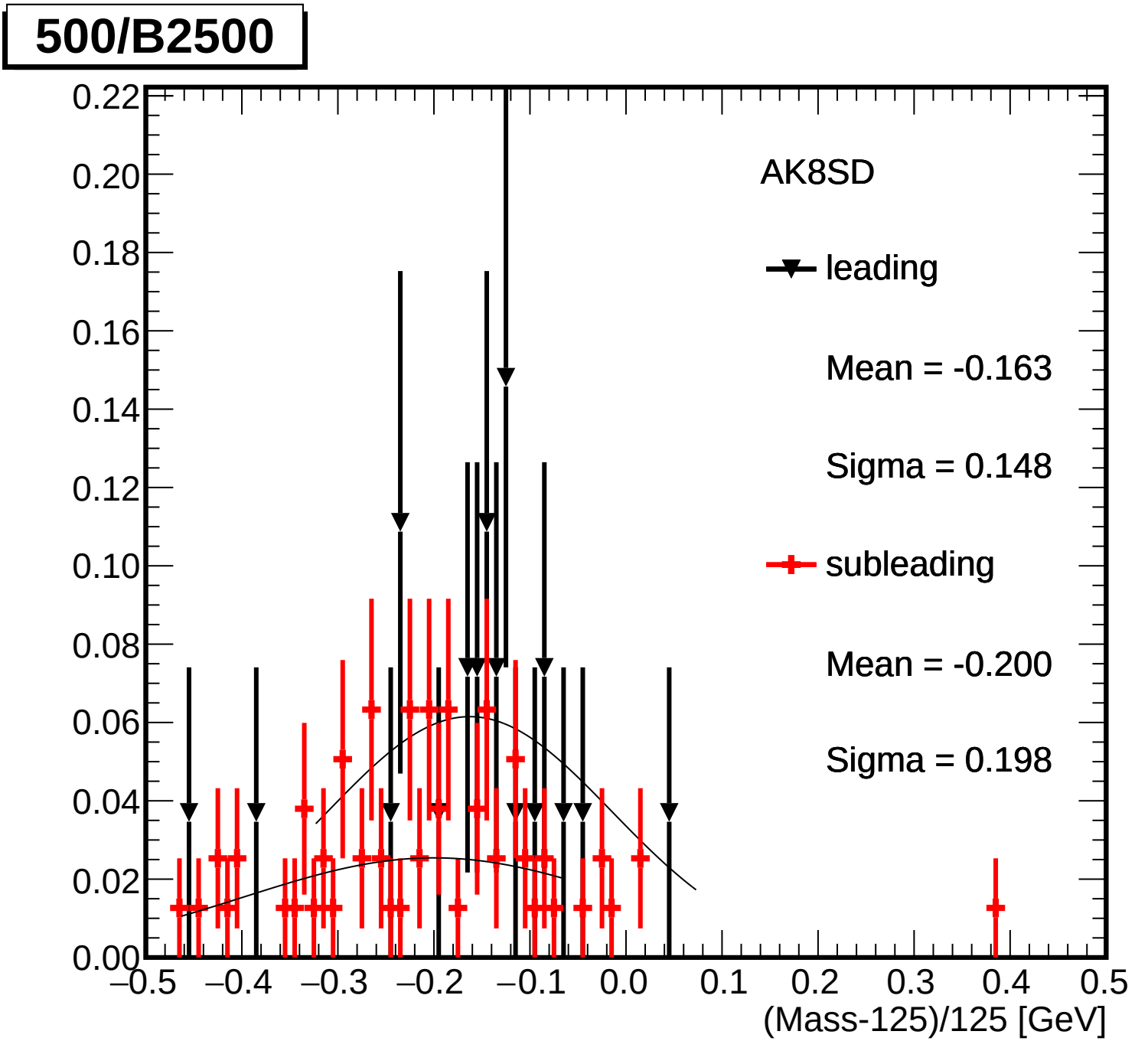

500/B2500
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

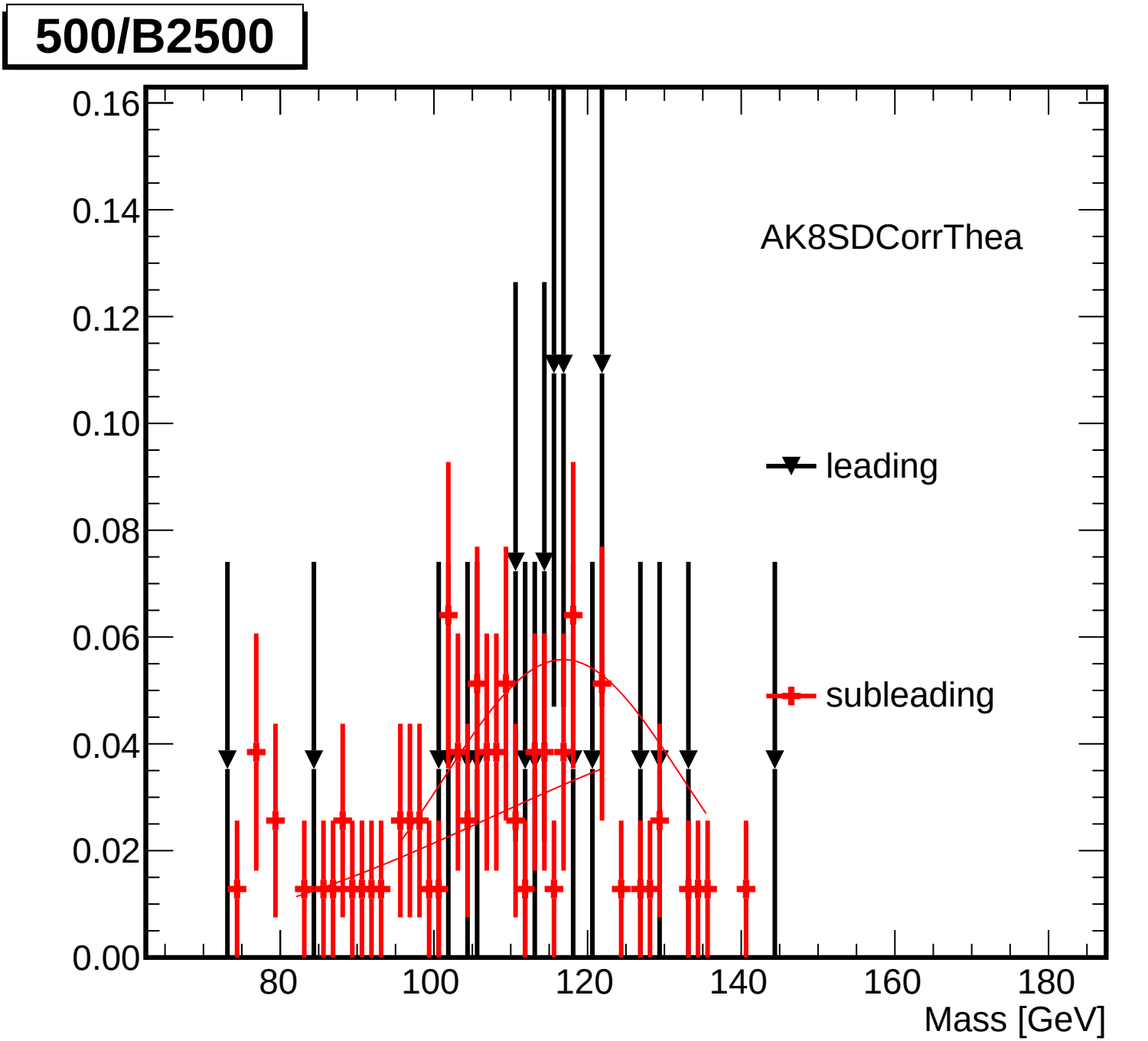

500/B2500
PR
leading
Mean = -0.090
Sigma = 0.155
subleading
Mean = -0.150
Sigma = 0.112
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

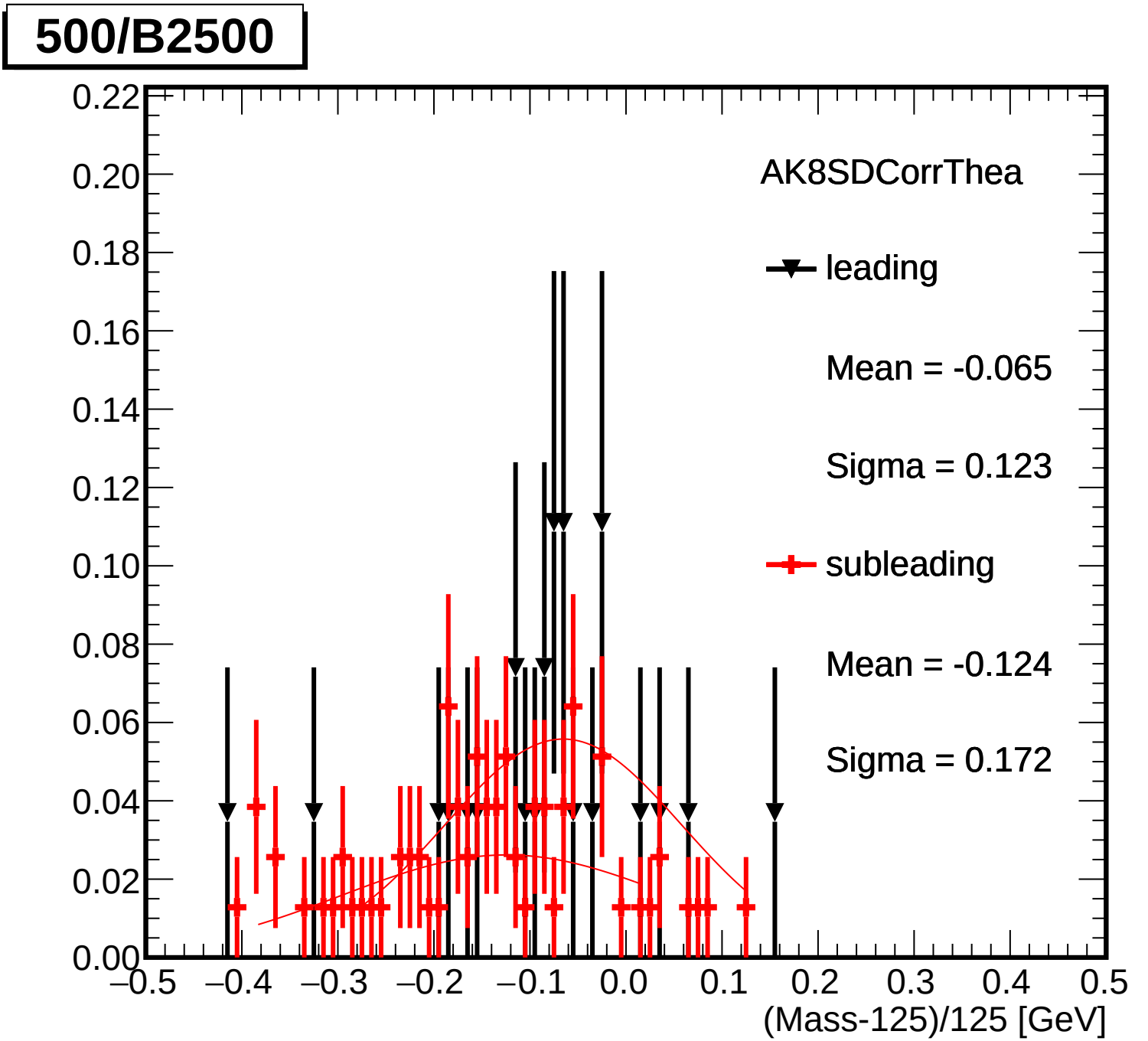

500/B2500
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

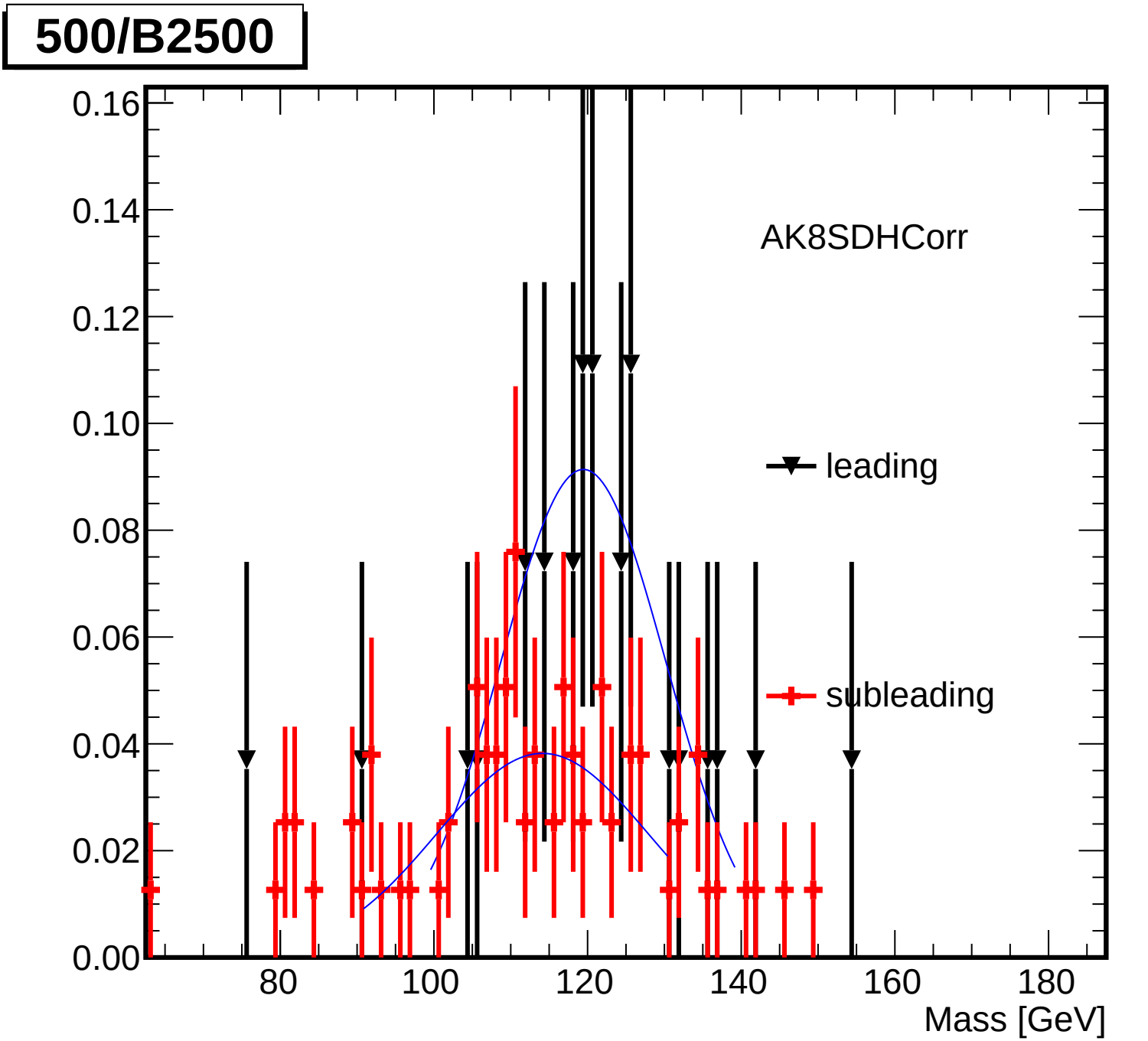

500/B2500
PRCorr
leading
Mean = -0.100
Sigma = 0.500
subleading
Mean = -0.062
Sigma = 0.110
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

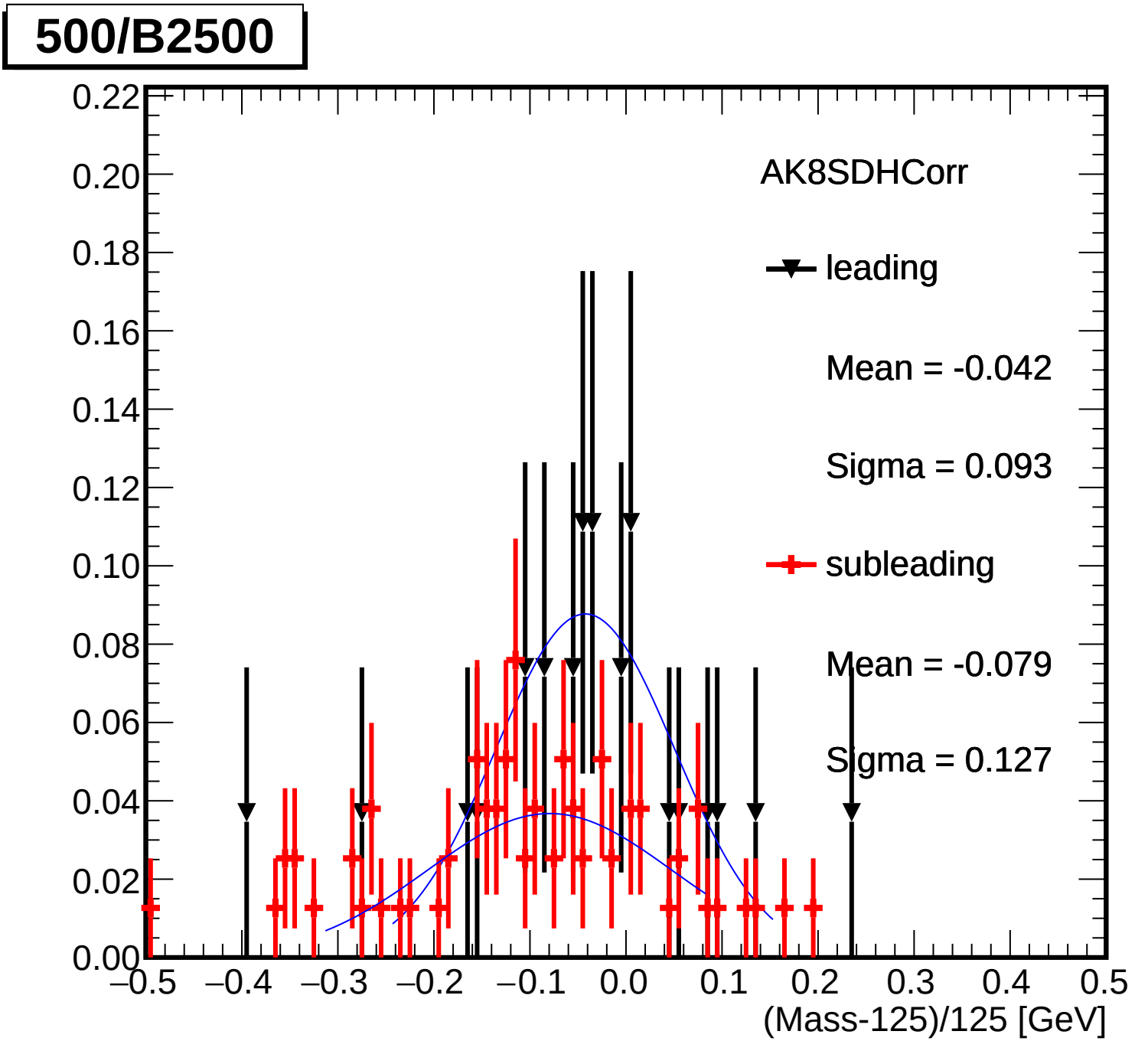

500/B2500
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


500/B2500
AK8SD
leading
Mean = -0.163
Sigma = 0.148
subleading
Mean = -0.200
Sigma = 0.198
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
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/B2500
AK8SDCorrThea
leading
subleading
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/B2500
AK8SDCorrThea
leading
Mean = -0.065
Sigma = 0.123
subleading
Mean = -0.124
Sigma = 0.172
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
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/B2500
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]
AK8SDHCorr
leading
subleading


500/B2500
AK8SDHCorr
leading
Mean = -0.042
Sigma = 0.093
subleading
Mean = -0.079
Sigma = 0.127
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
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]