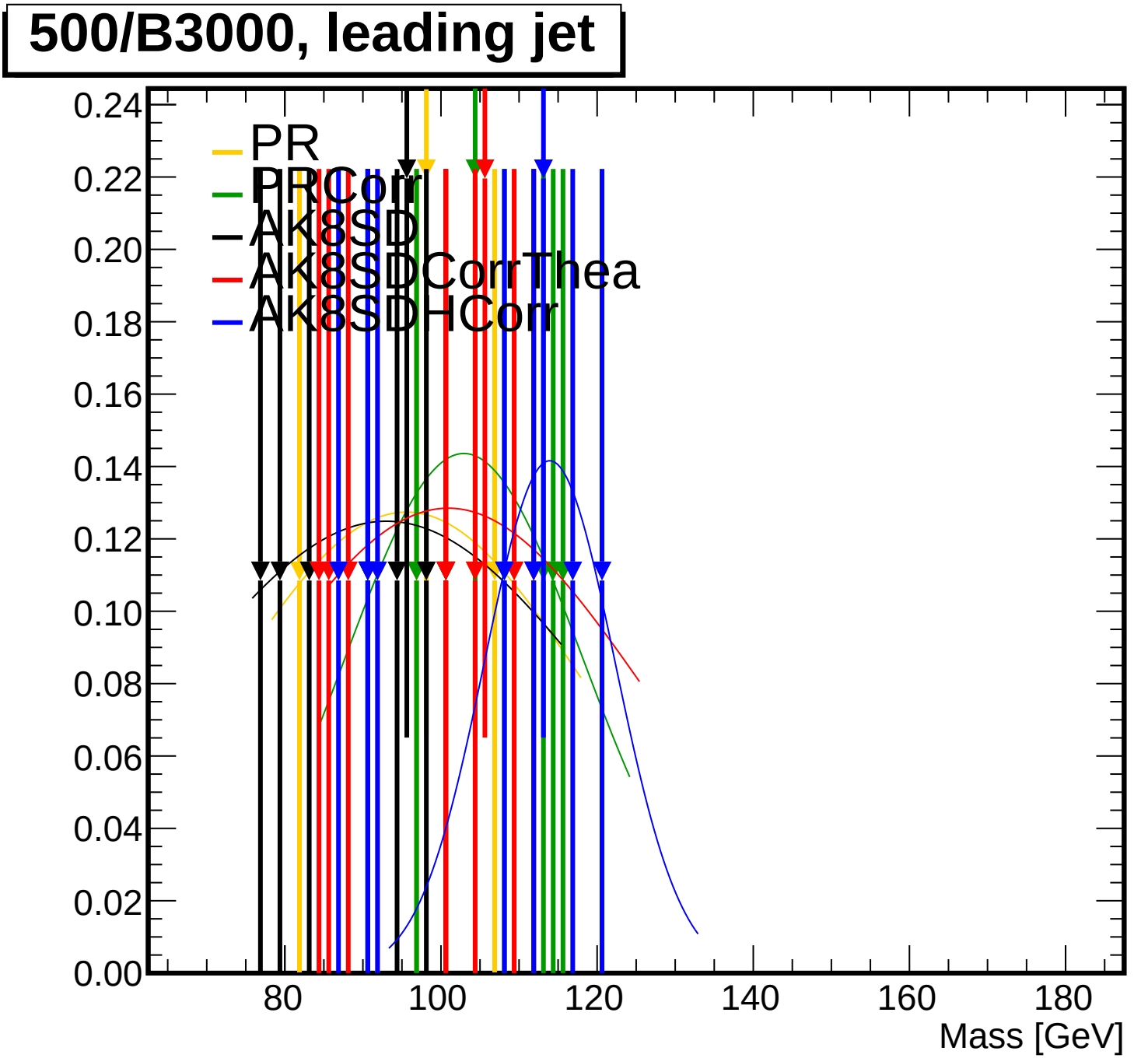
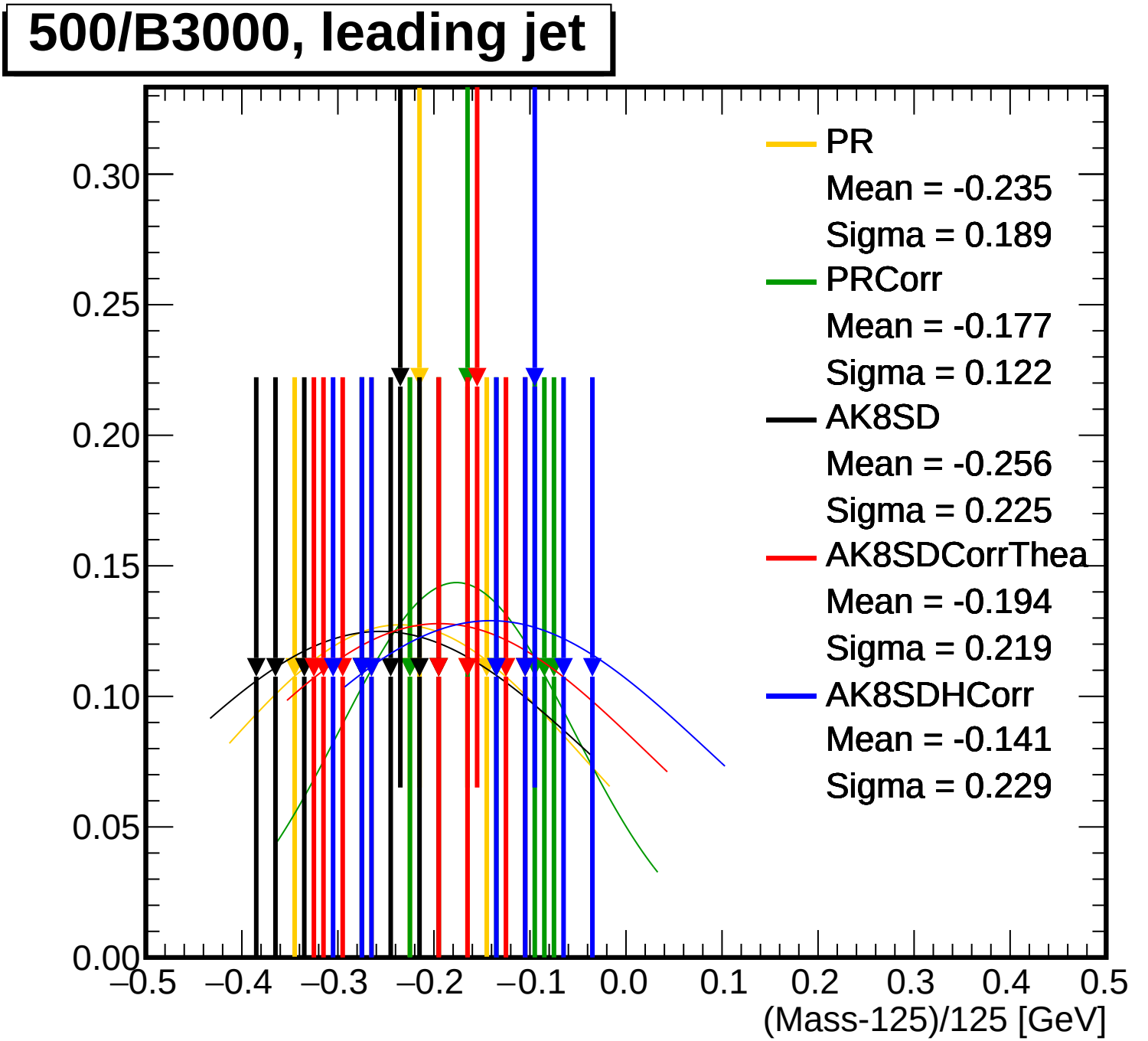
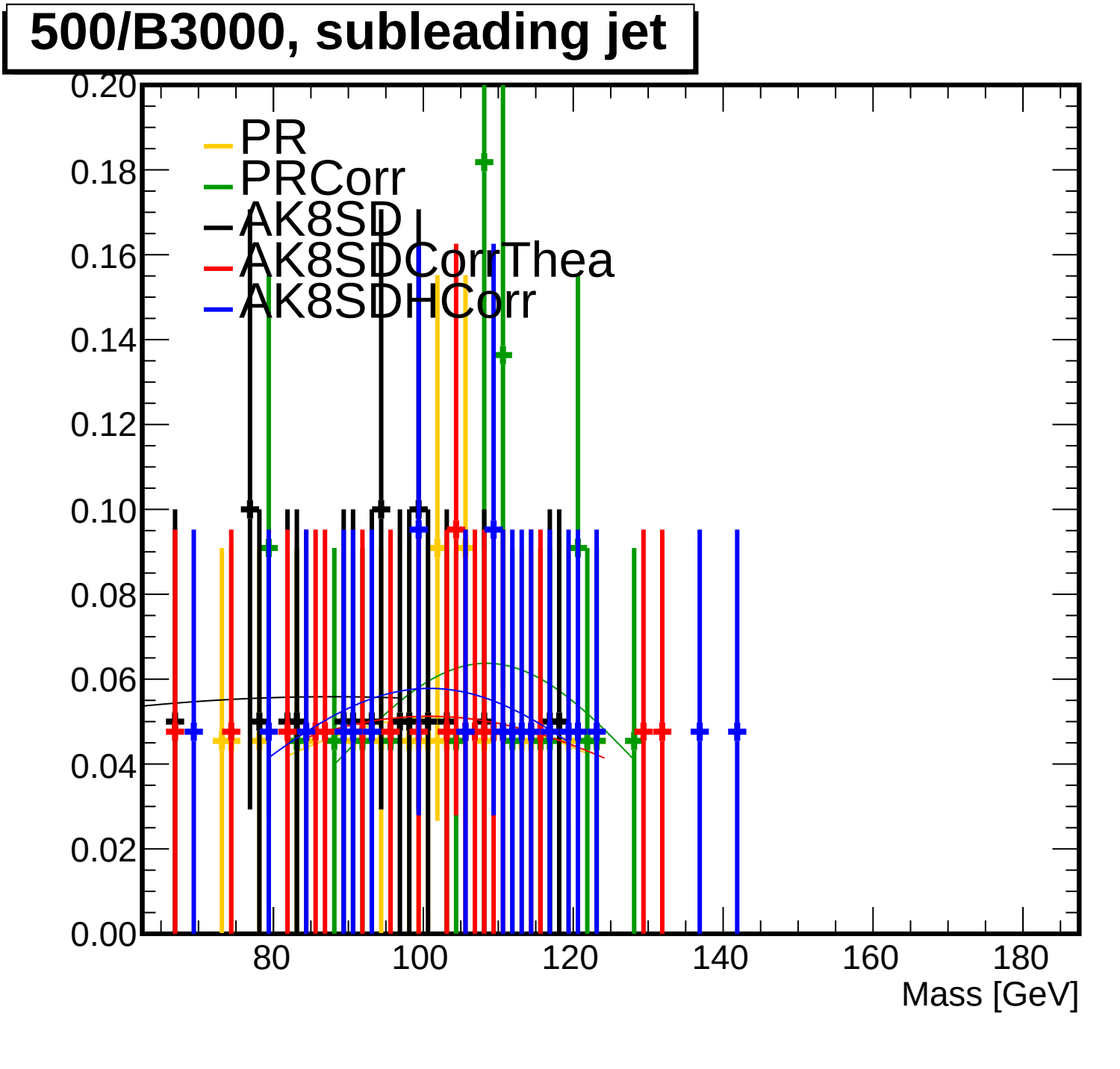
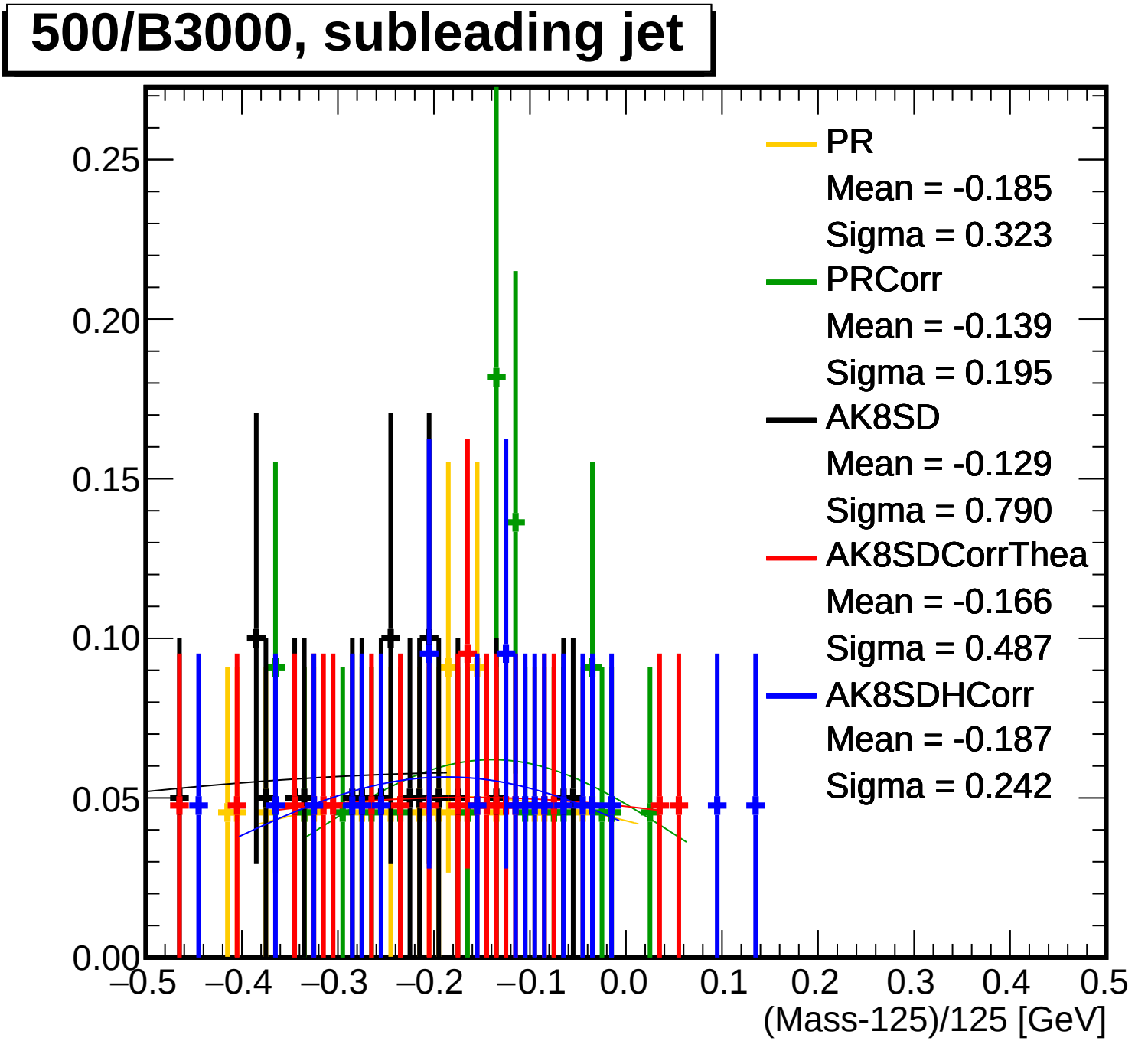
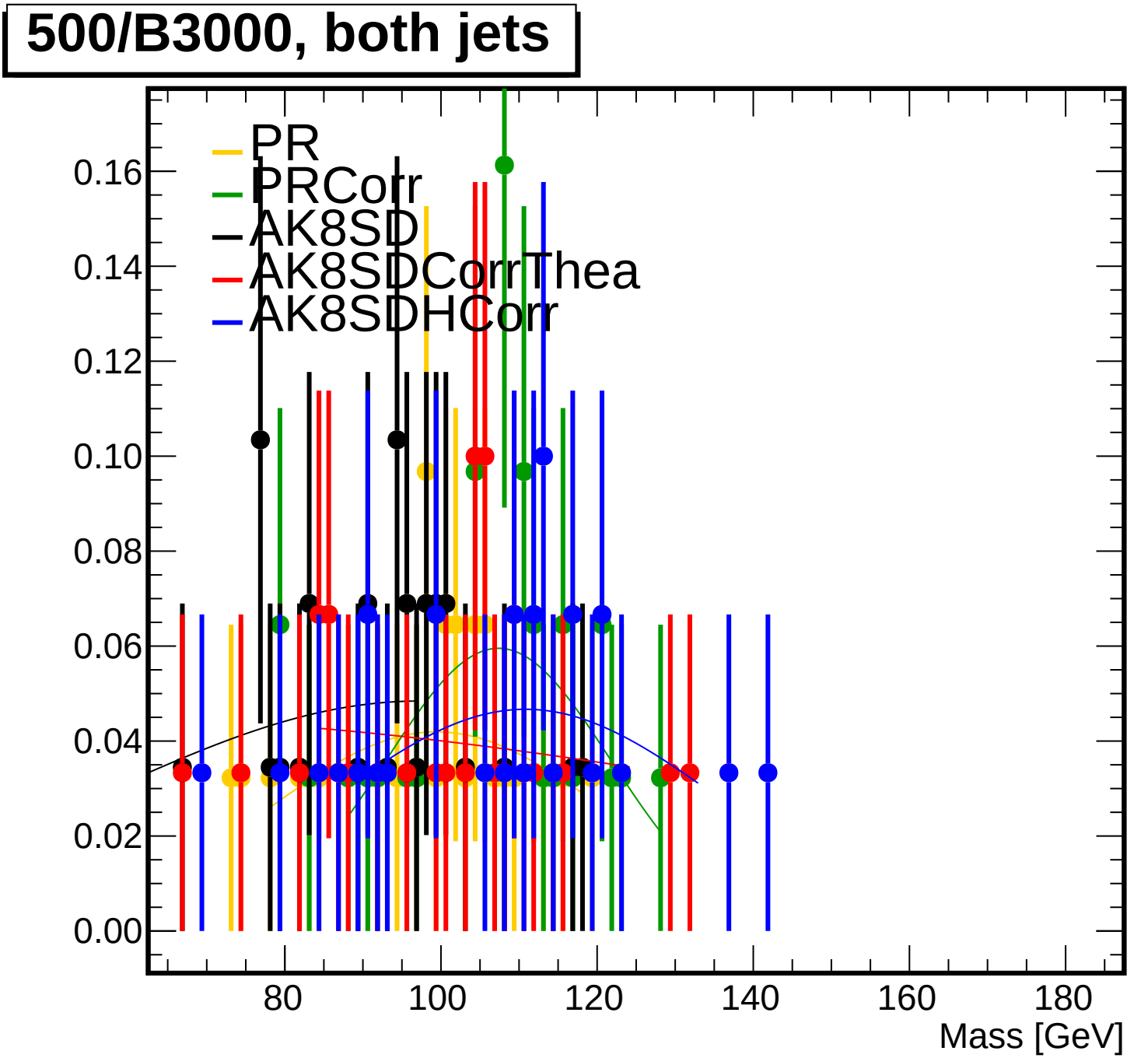
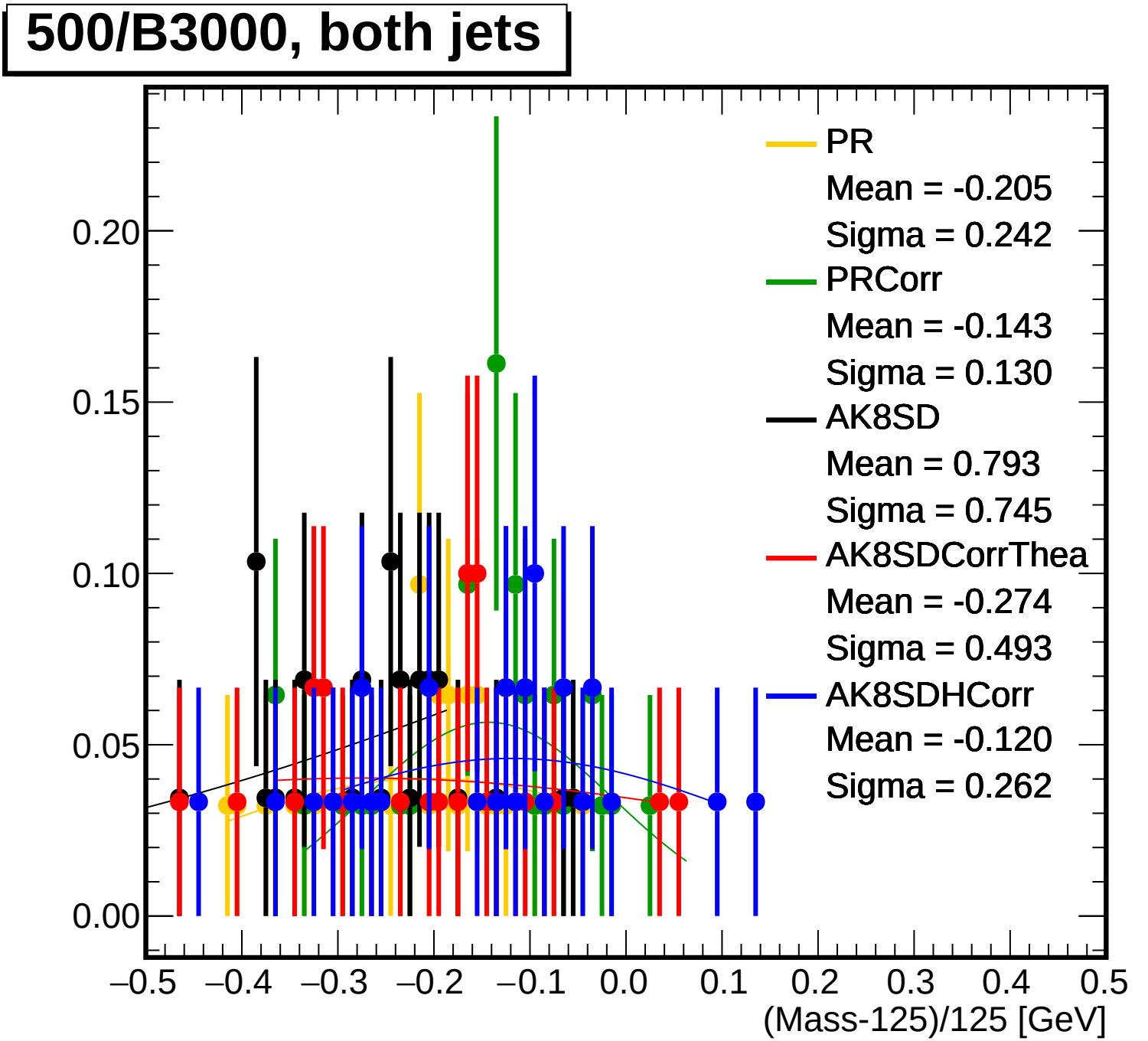

500/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

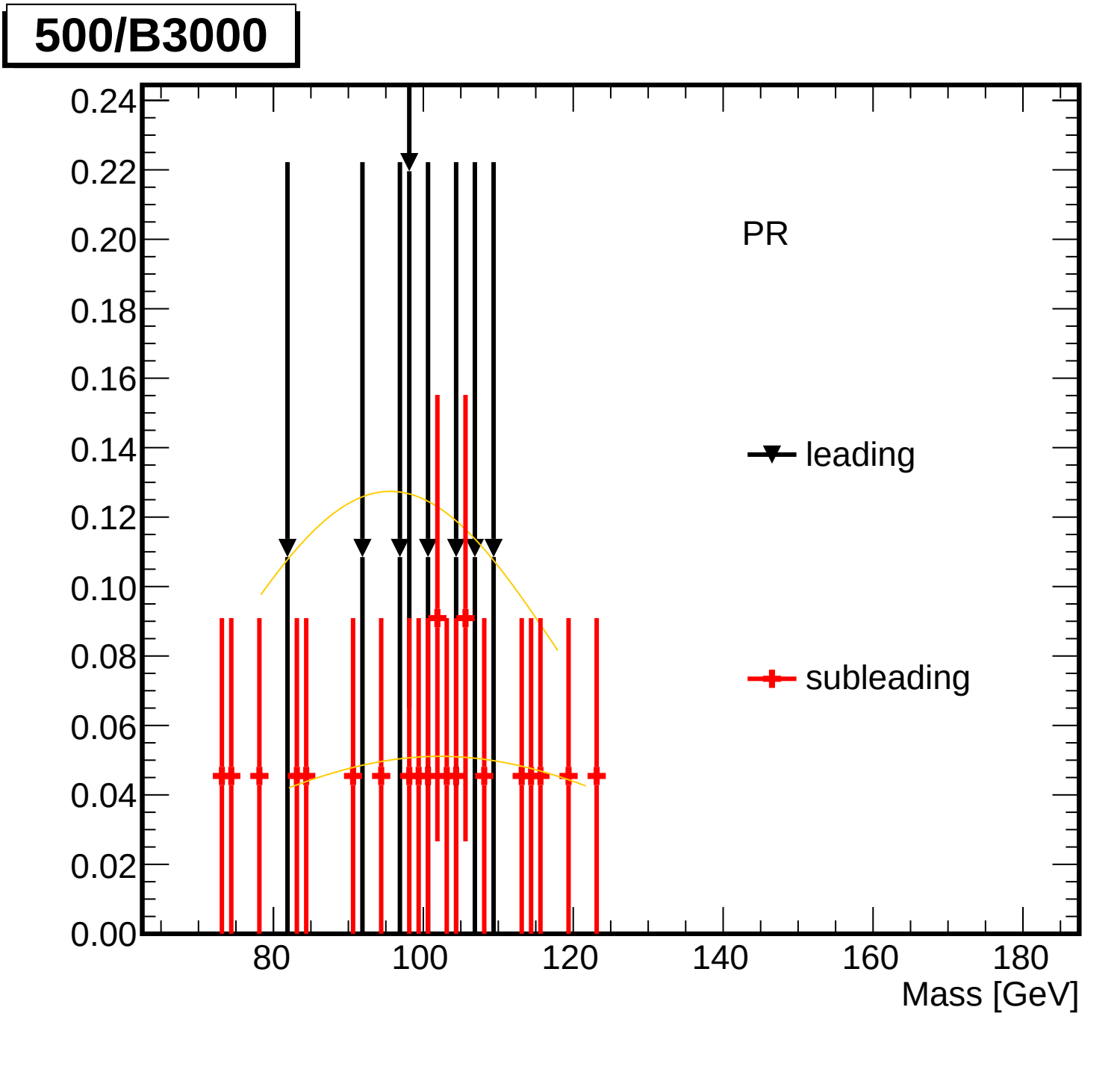

500/B3000, leading jet
PR
Mean = -0.235
Sigma = 0.189
PRCorr
Mean = -0.177
Sigma = 0.122
AK8SD
Mean = -0.256
Sigma = 0.225
AK8SDCorrThea
Mean = -0.194
Sigma = 0.219
AK8SDHCorr
Mean = -0.141
Sigma = 0.229
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

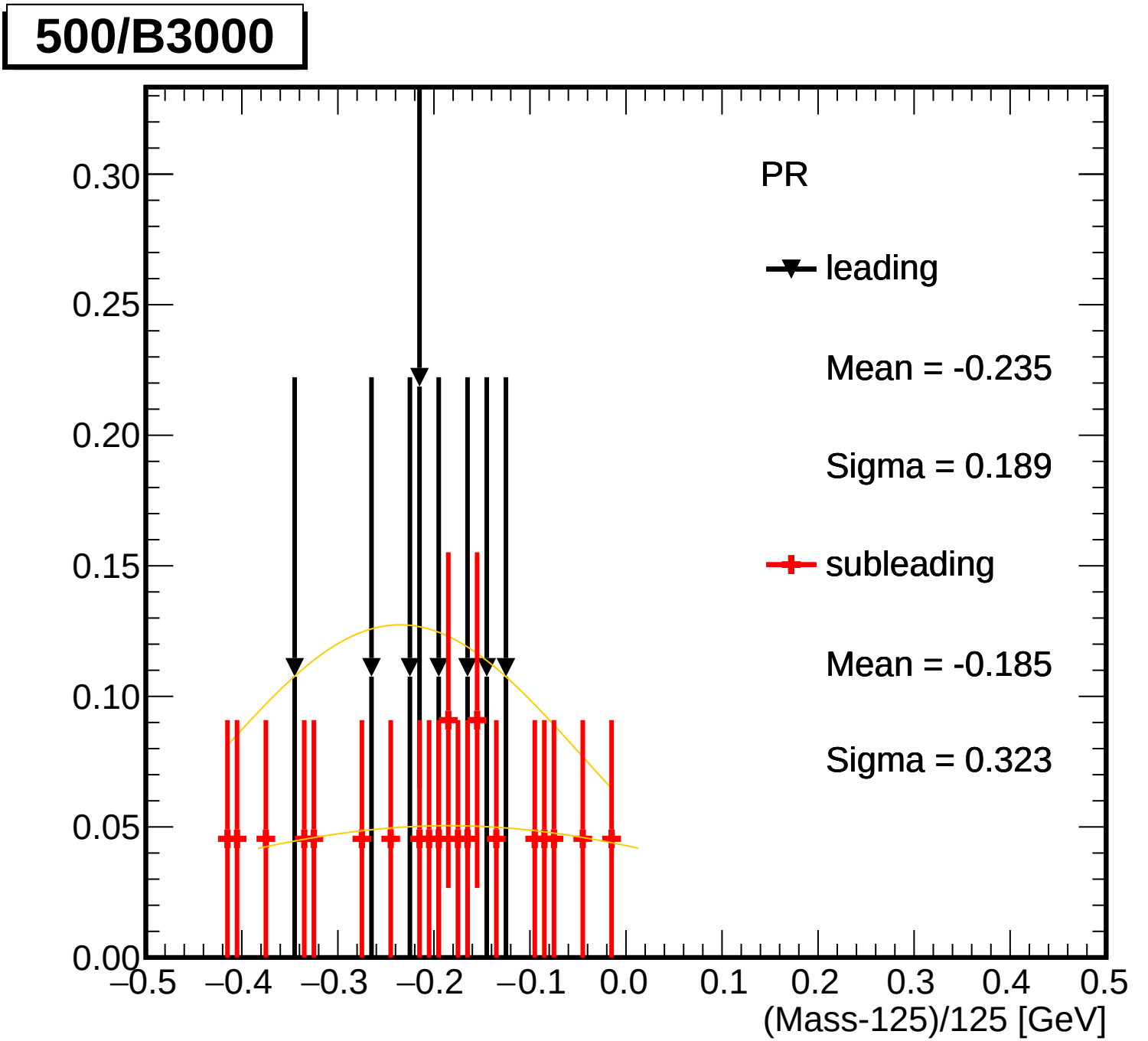

500/B3000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

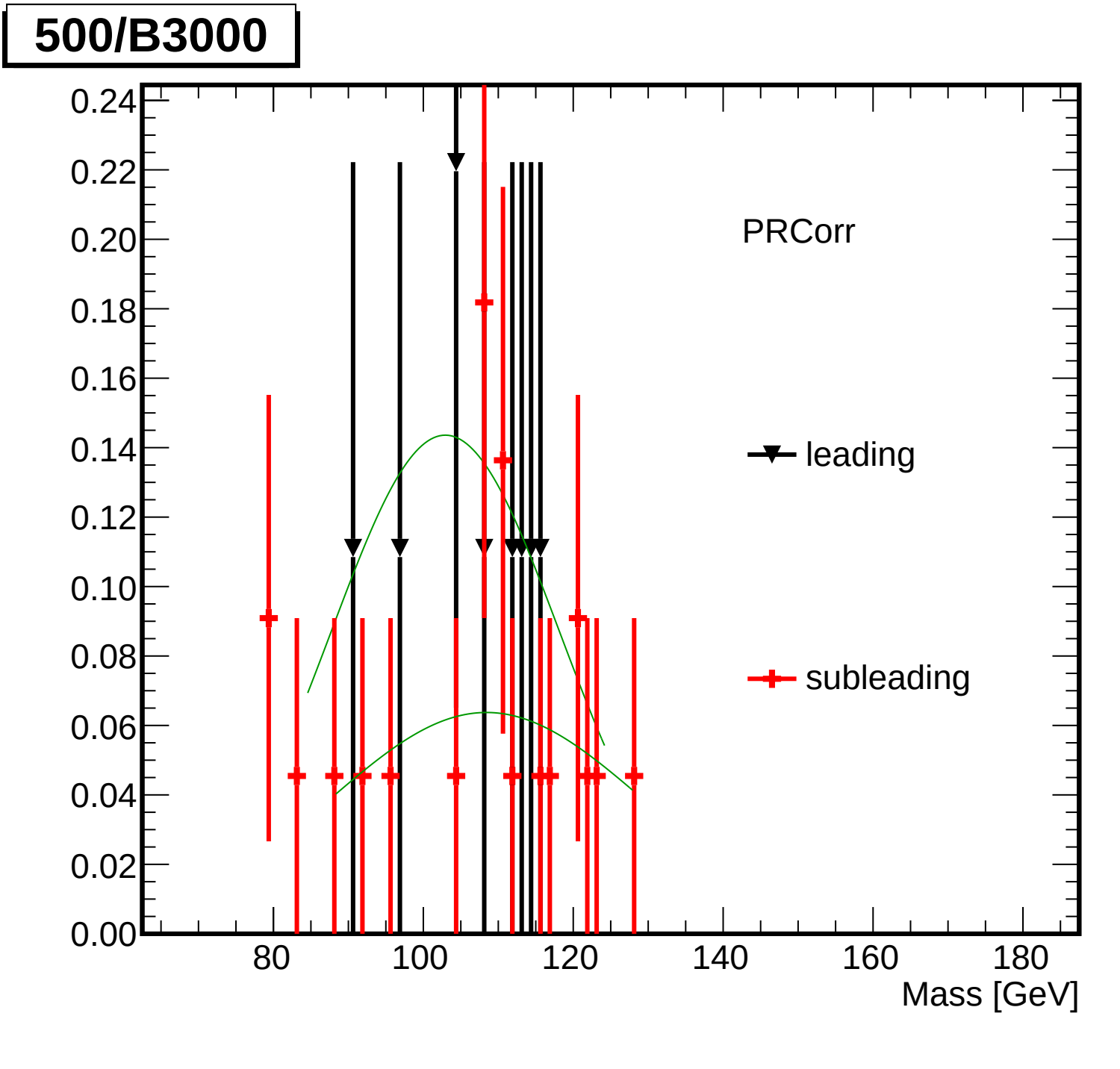

500/B3000, subleading jet
PR
Mean = -0.185
Sigma = 0.323
PRCorr
Mean = -0.139
Sigma = 0.195
AK8SD
Mean = -0.129
Sigma = 0.790
AK8SDCorrThea
Mean = -0.166
Sigma = 0.487
AK8SDHCorr
Mean = -0.187
Sigma = 0.242
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

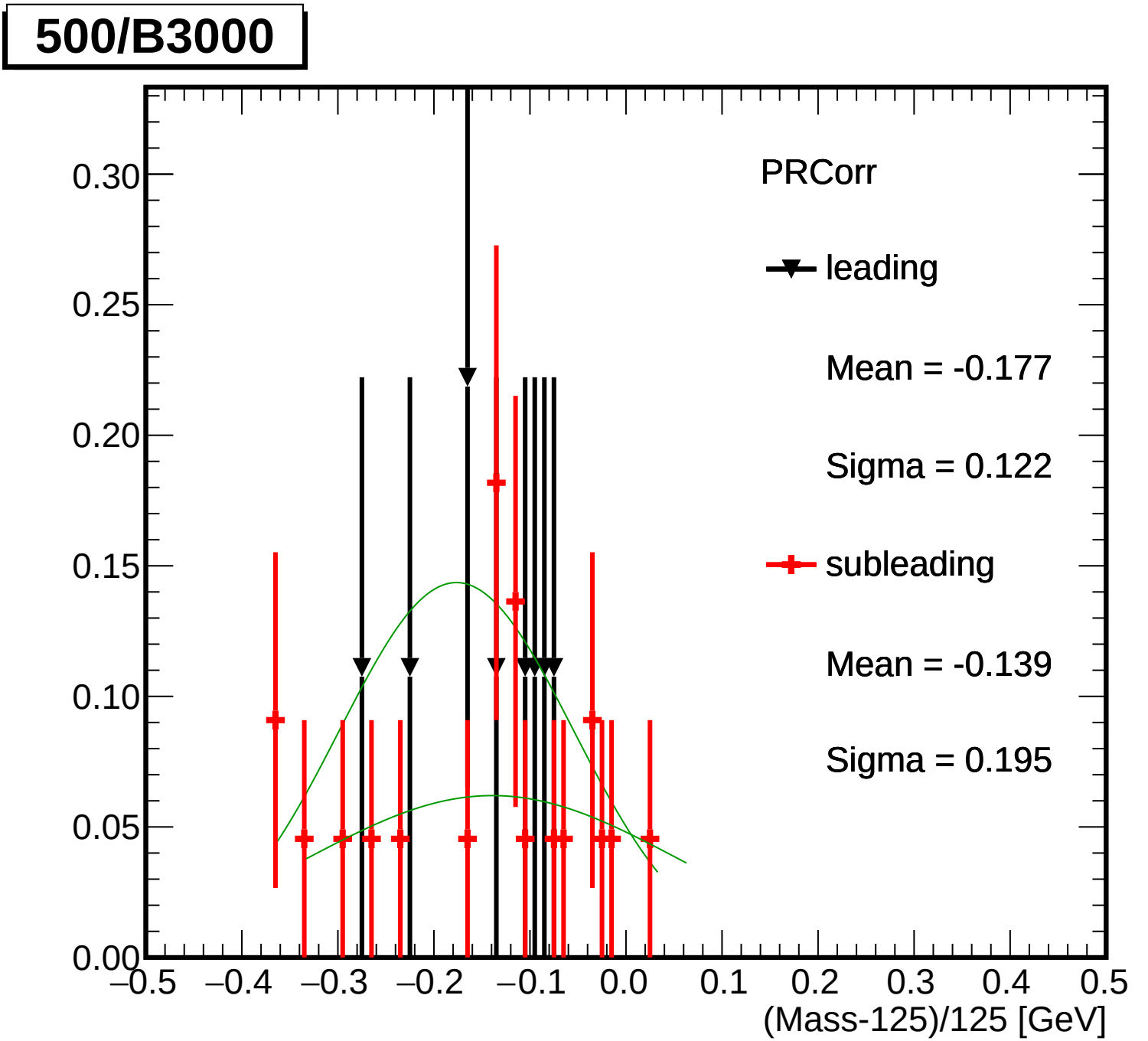

500/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

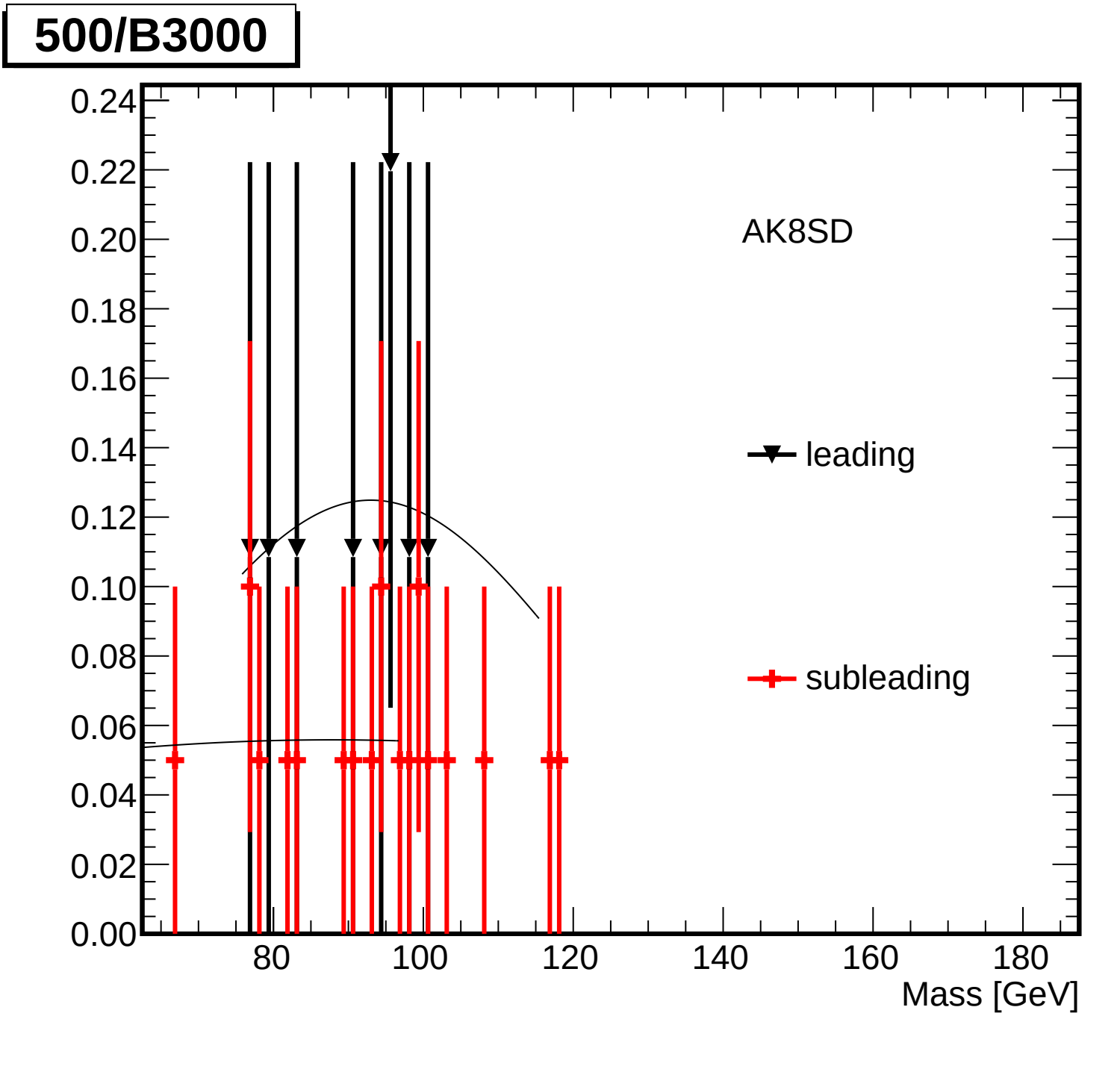

500/B3000, both jets
PR
Mean = -0.205
Sigma = 0.242
PRCorr
Mean = -0.143
Sigma = 0.130
AK8SD
Mean = 0.793
Sigma = 0.745
AK8SDCorrThea
Mean = -0.274
Sigma = 0.493
AK8SDHCorr
Mean = -0.120
Sigma = 0.262
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

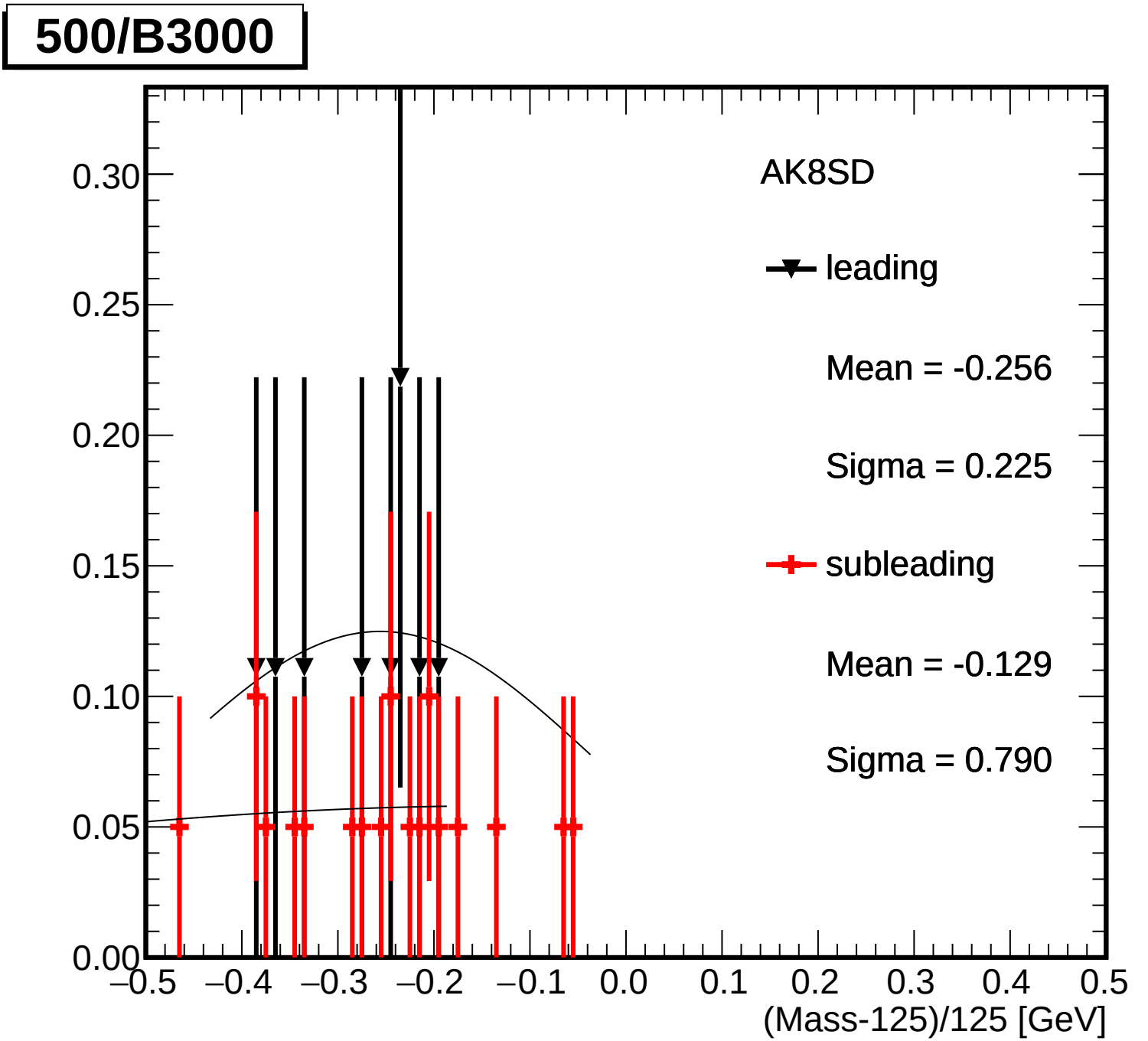

500/B3000
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

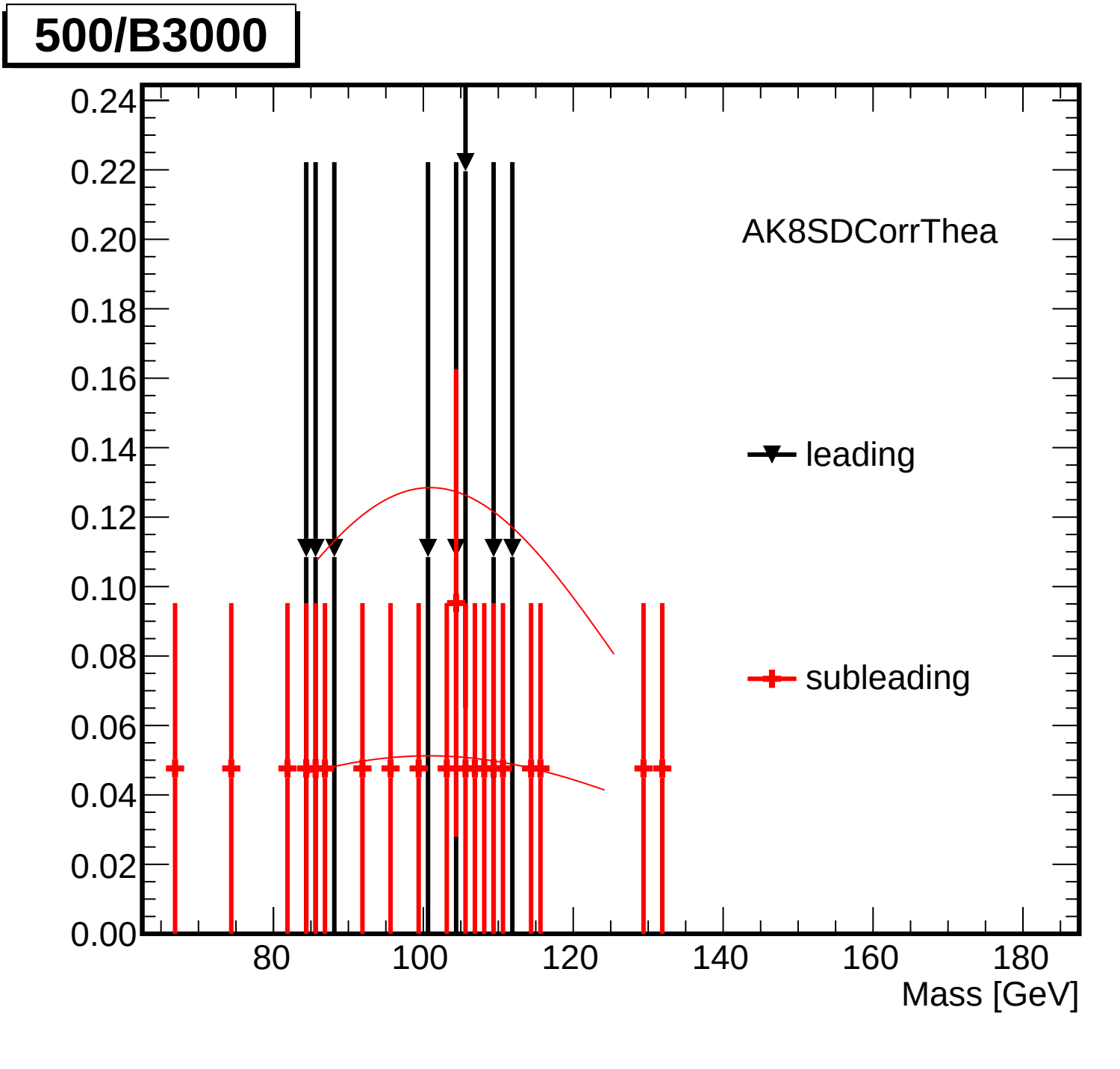

500/B3000
PR
leading
Mean = -0.235
Sigma = 0.189
subleading
Mean = -0.185
Sigma = 0.323
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

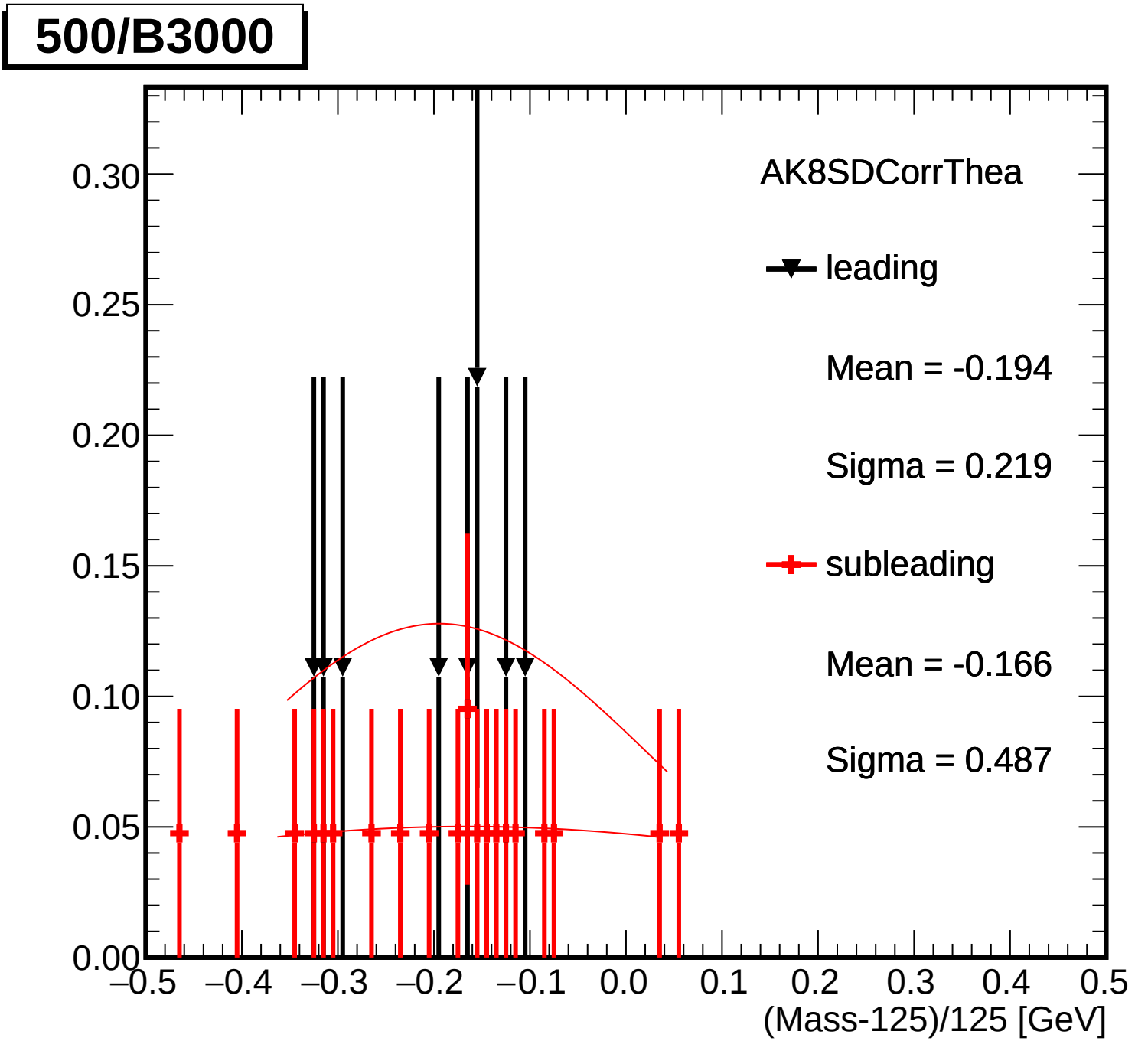

500/B3000
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

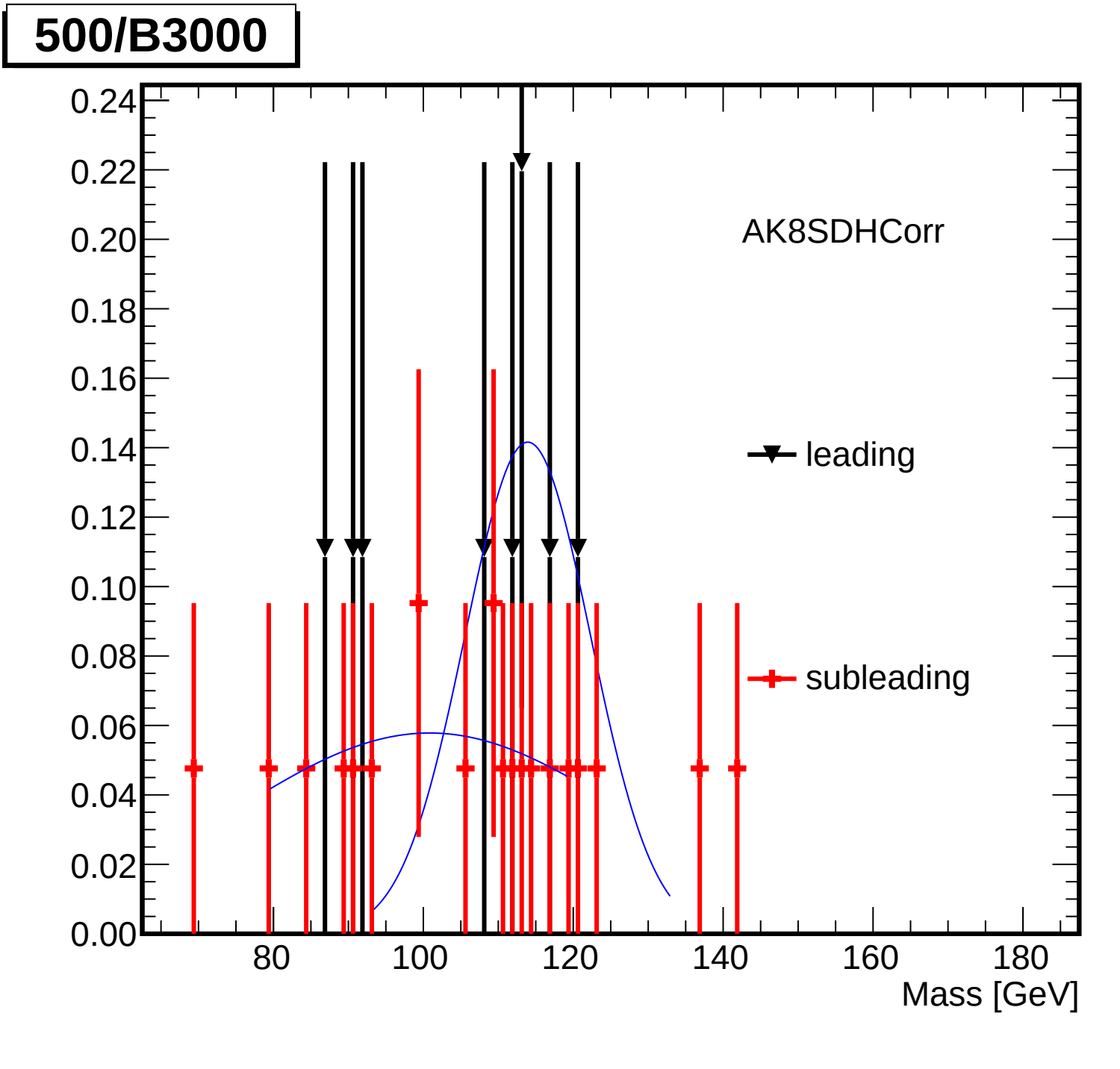

500/B3000
PRCorr
leading
Mean = -0.177
Sigma = 0.122
subleading
Mean = -0.139
Sigma = 0.195
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

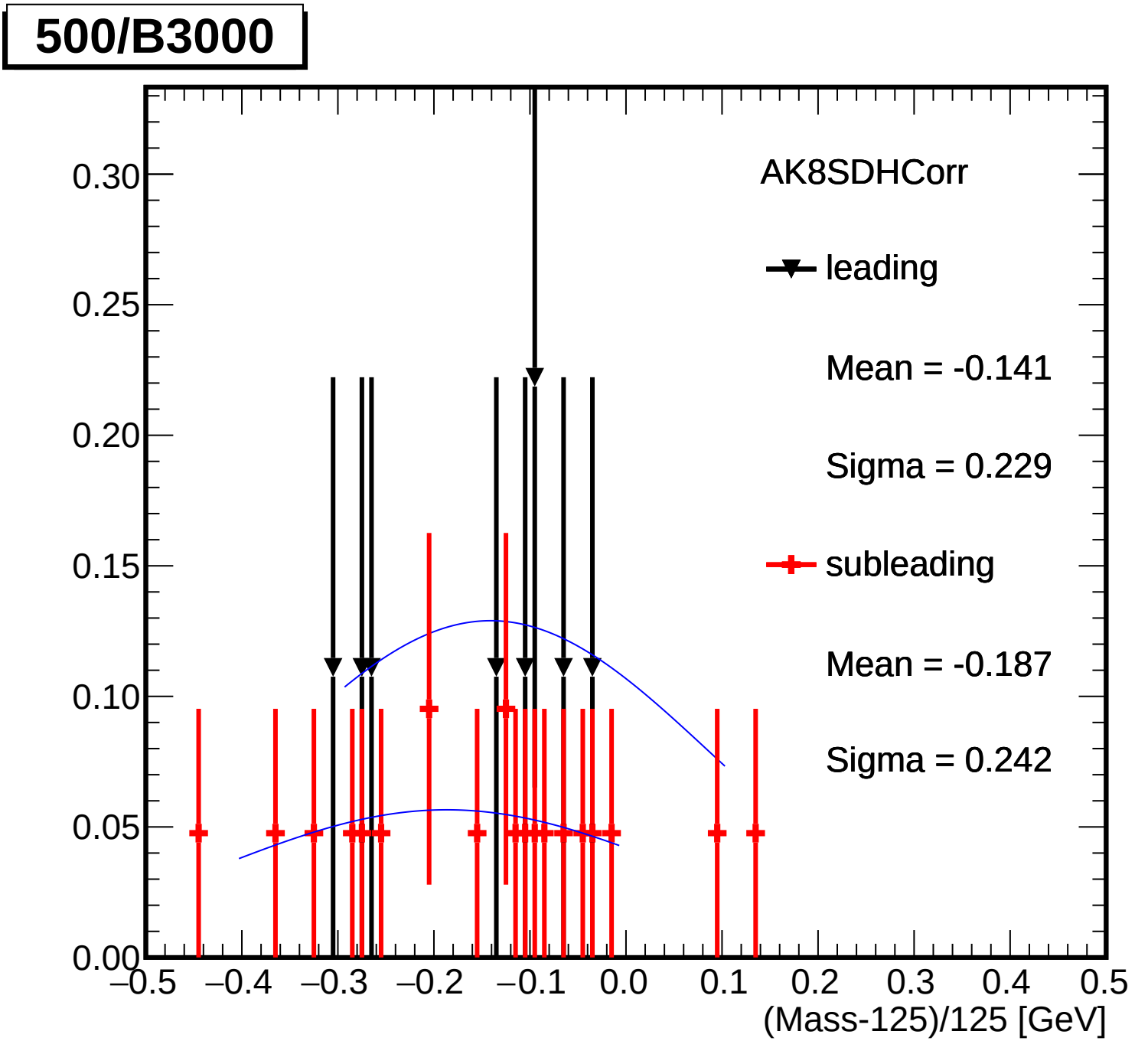

500/B3000
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


500/B3000
AK8SD
leading
Mean = -0.256
Sigma = 0.225
subleading
Mean = -0.129
Sigma = 0.790
0.30
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
0.24
0.22
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]
AK8SDCorrThea
leading
subleading


500/B3000
AK8SDCorrThea
leading
Mean = -0.194
Sigma = 0.219
subleading
Mean = -0.166
Sigma = 0.487
0.30
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
0.24
0.22
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]
AK8SDHCorr
leading
subleading


500/B3000
AK8SDHCorr
leading
Mean = -0.141
Sigma = 0.229
subleading
Mean = -0.187
Sigma = 0.242
0.30
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]