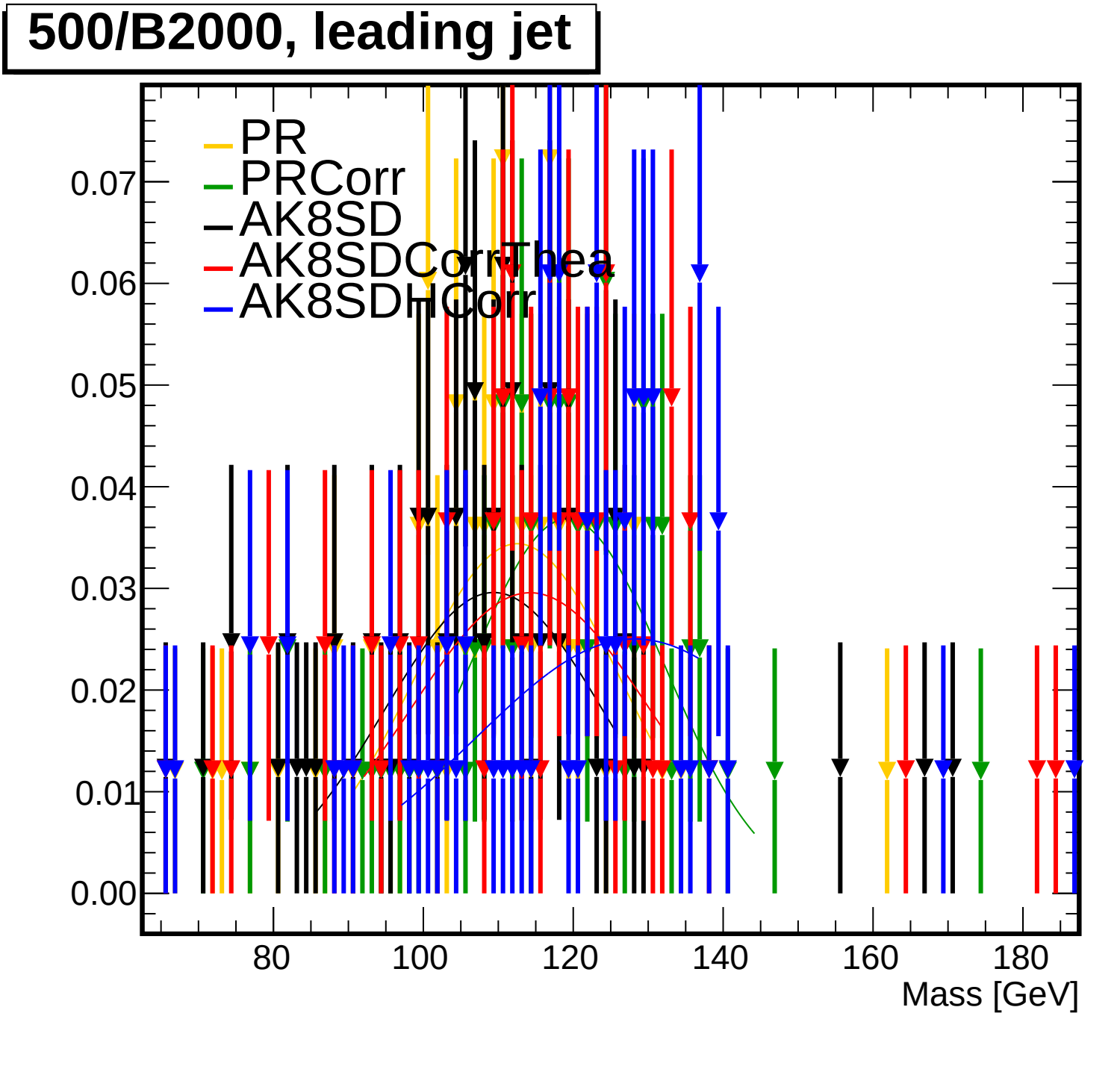
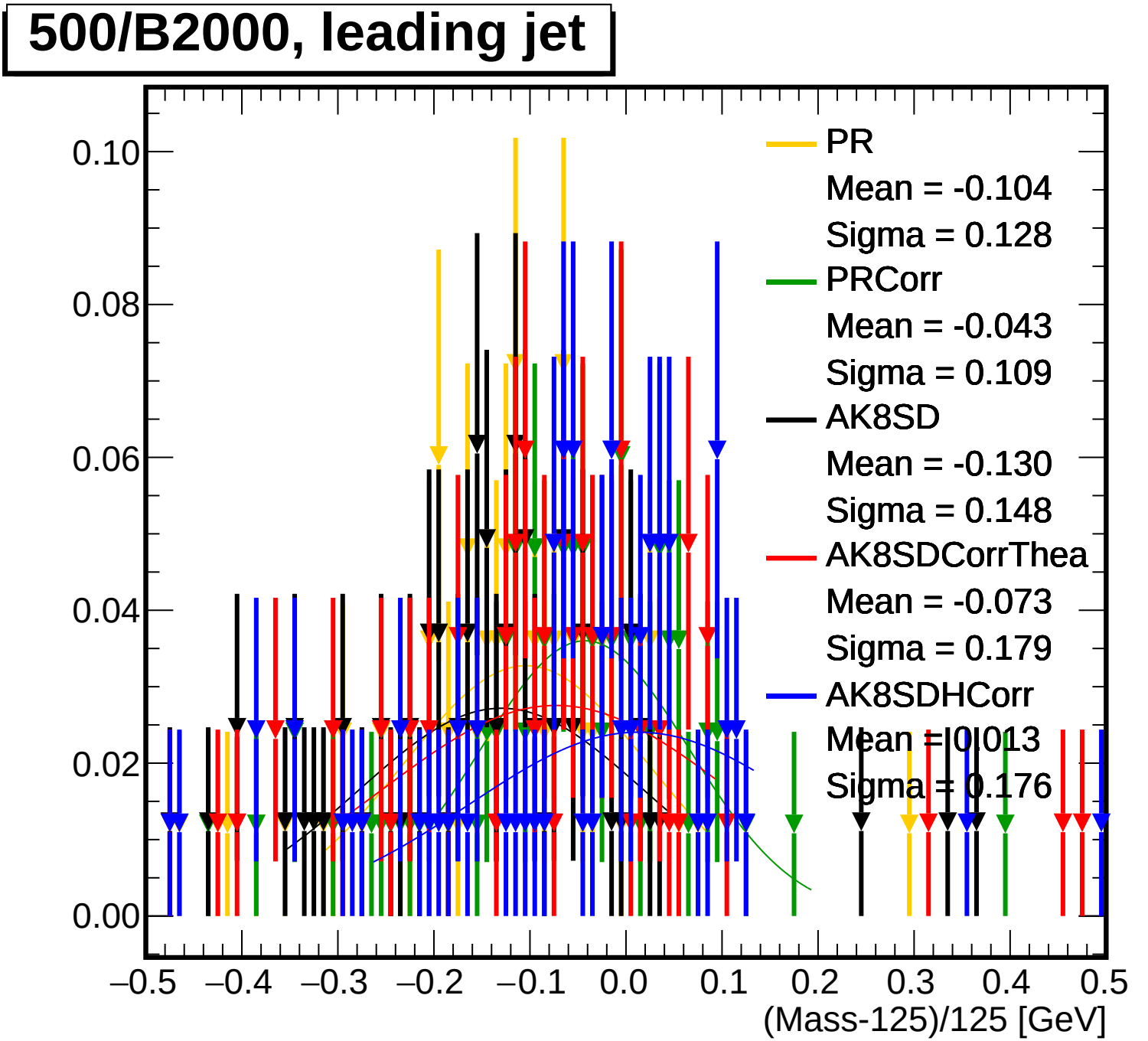
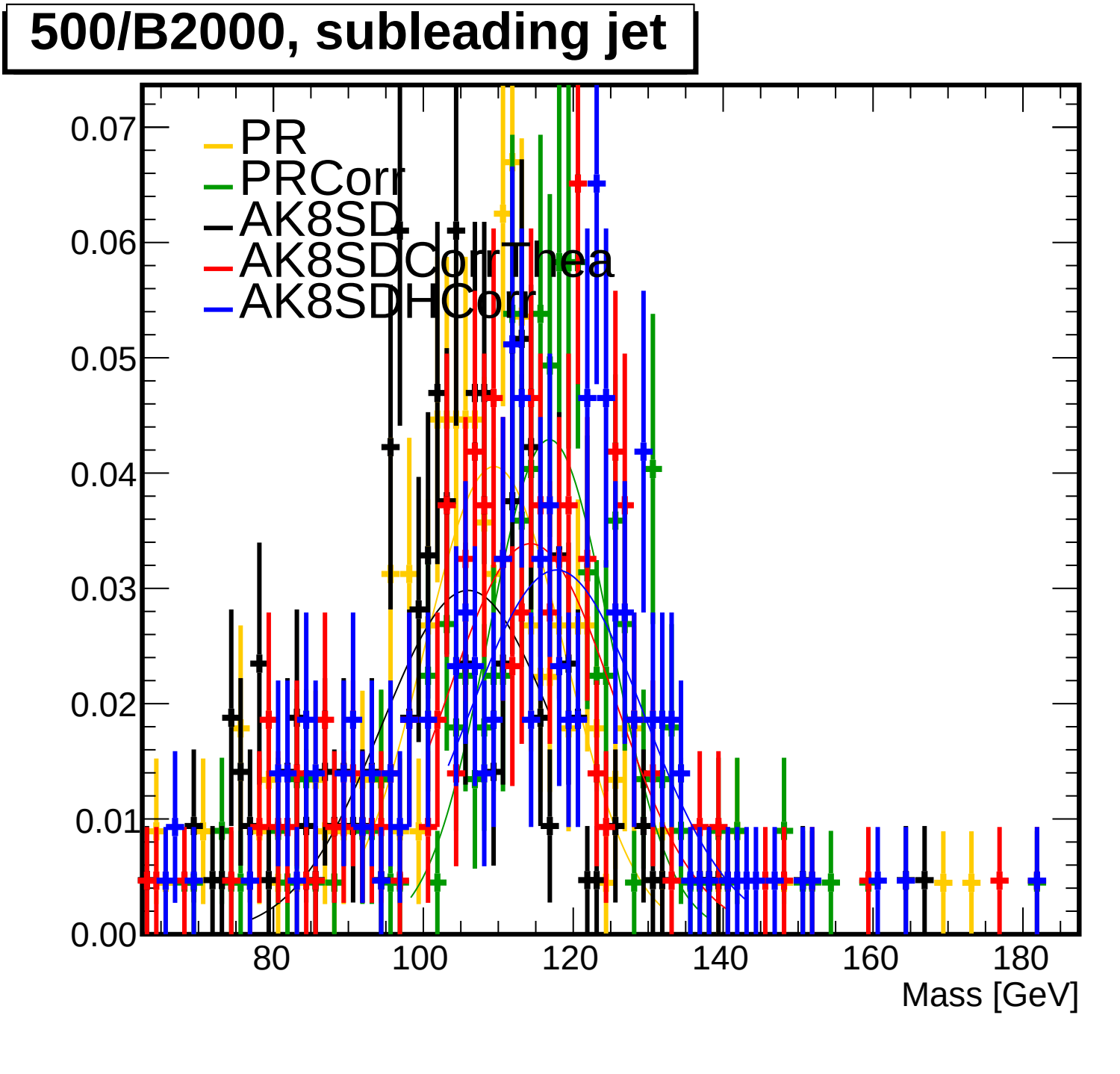
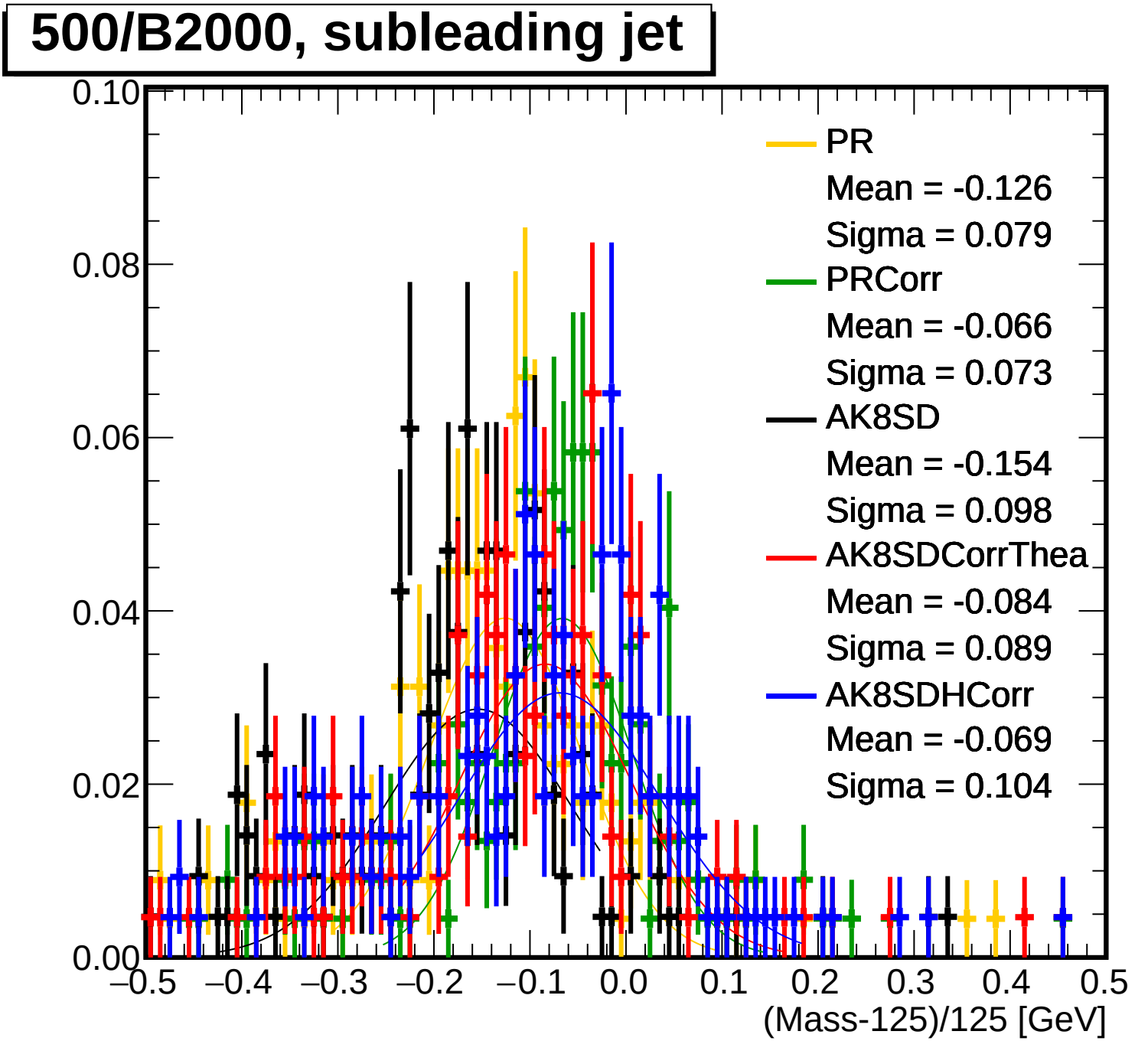
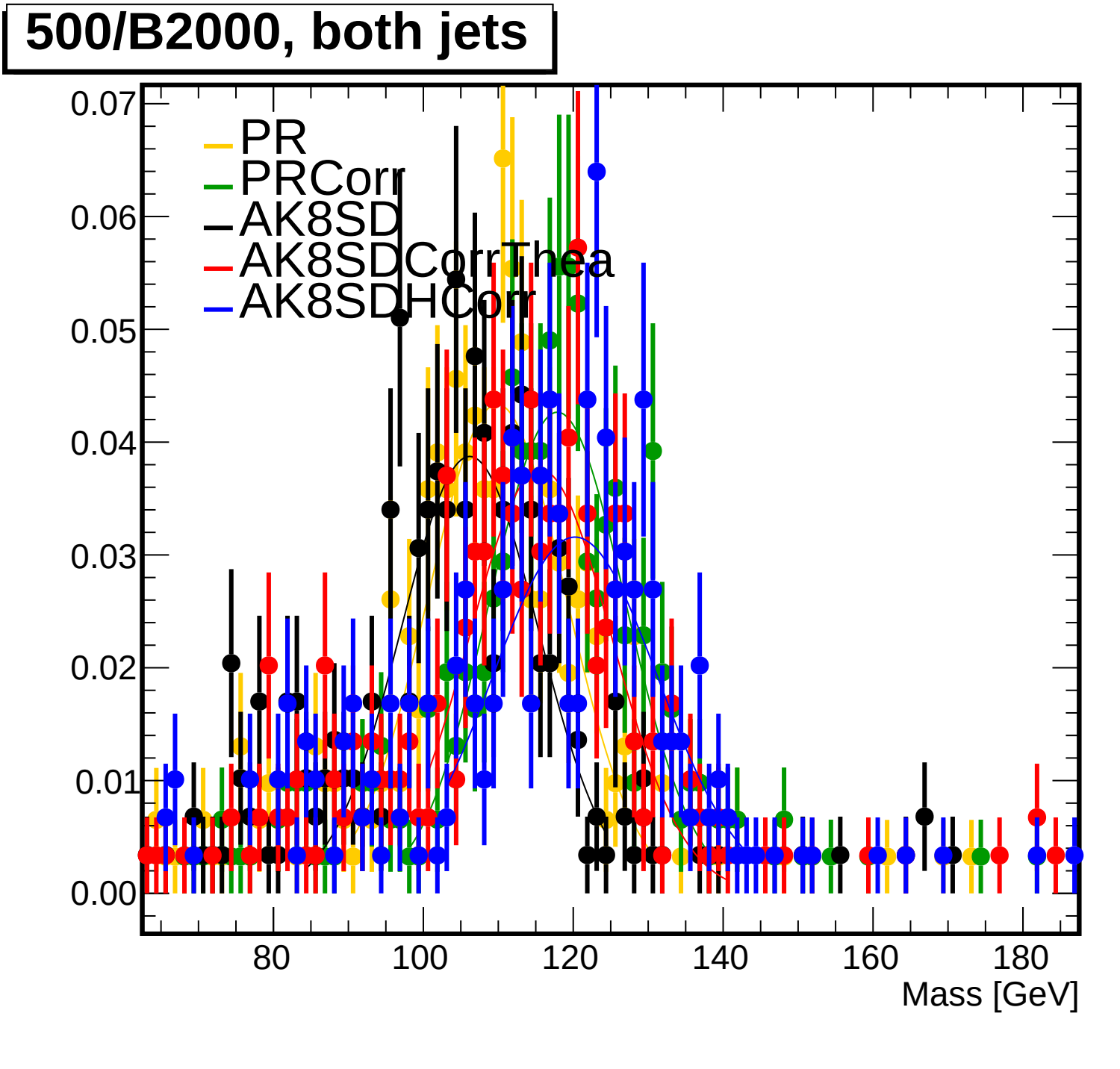
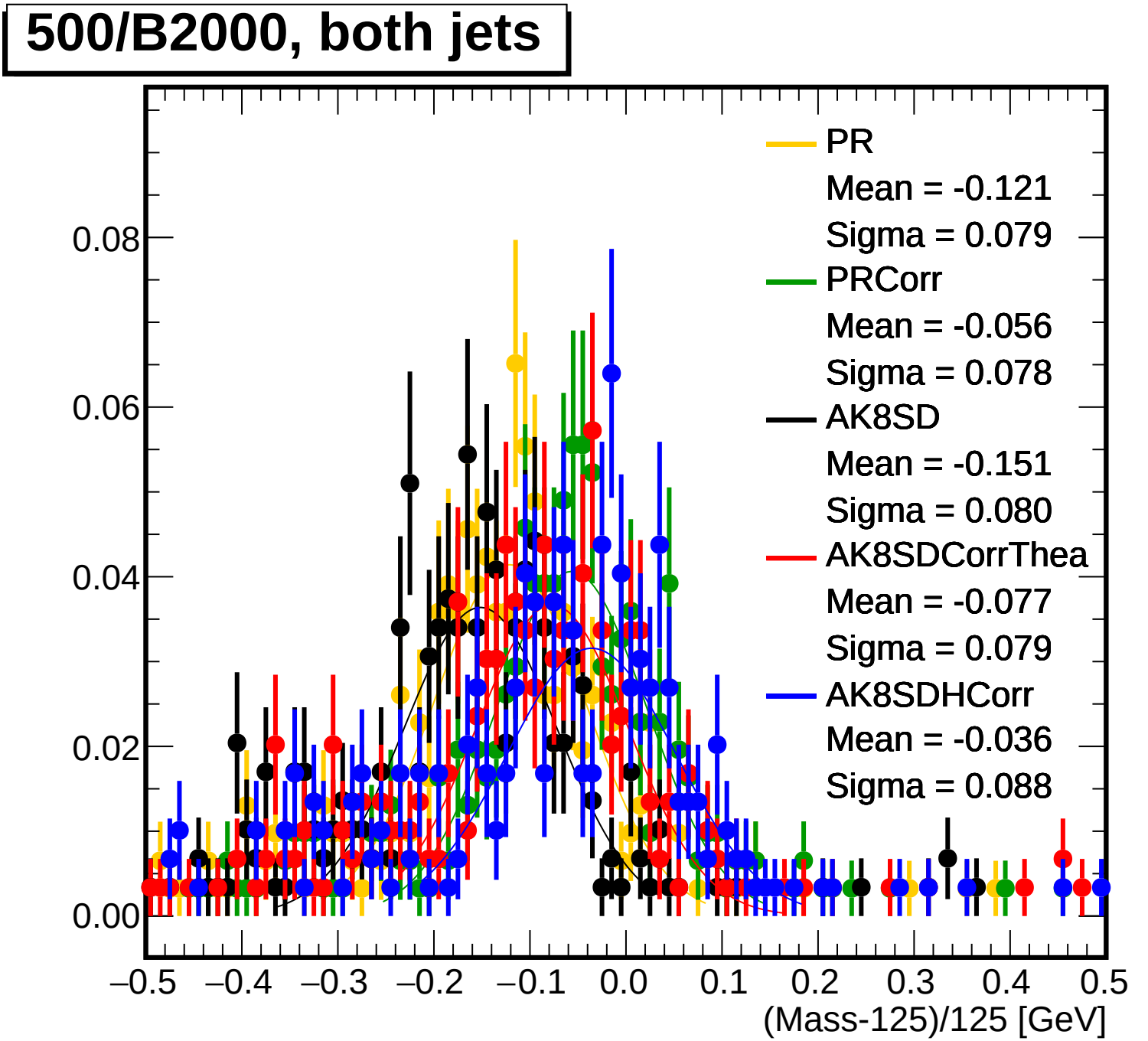

500/B2000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

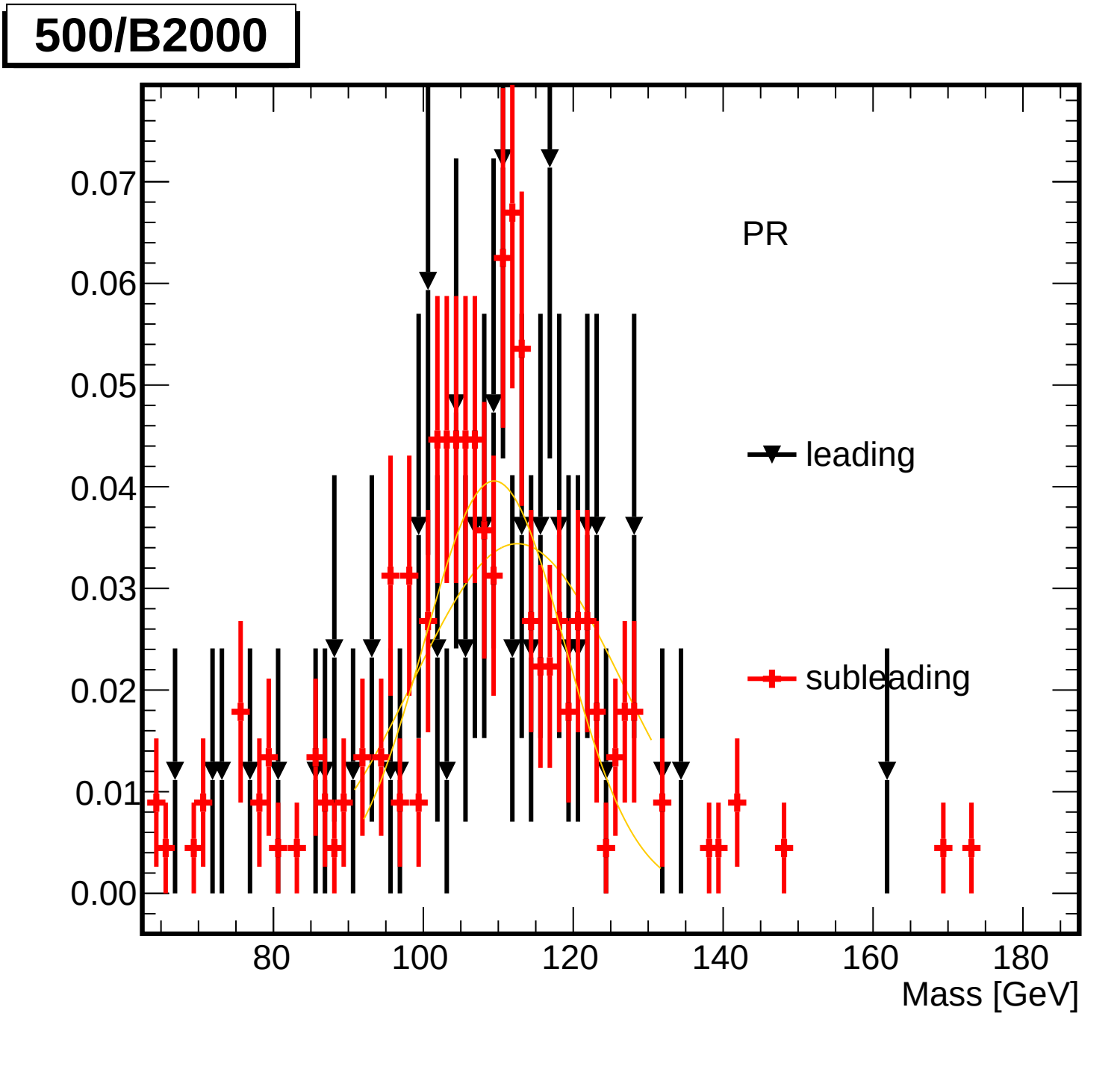

500/B2000, leading jet
PR
Mean = -0.104
Sigma = 0.128
PRCorr
Mean = -0.043
Sigma = 0.109
AK8SD
Mean = -0.130
Sigma = 0.148
AK8SDCorrThea
Mean = -0.073
Sigma = 0.179
AK8SDHCorr
Mean = -0.013
Sigma = 0.176
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

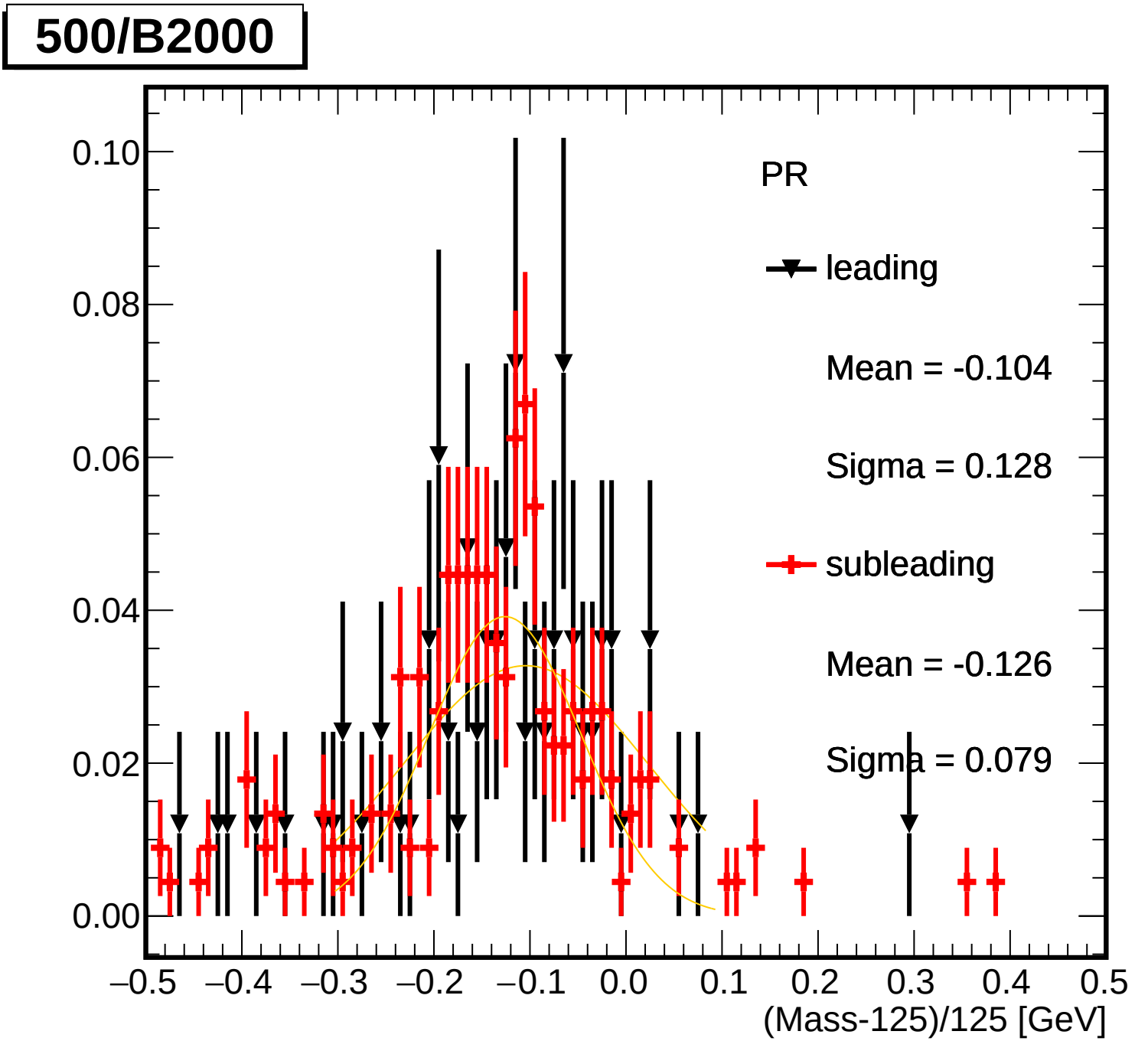

500/B2000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

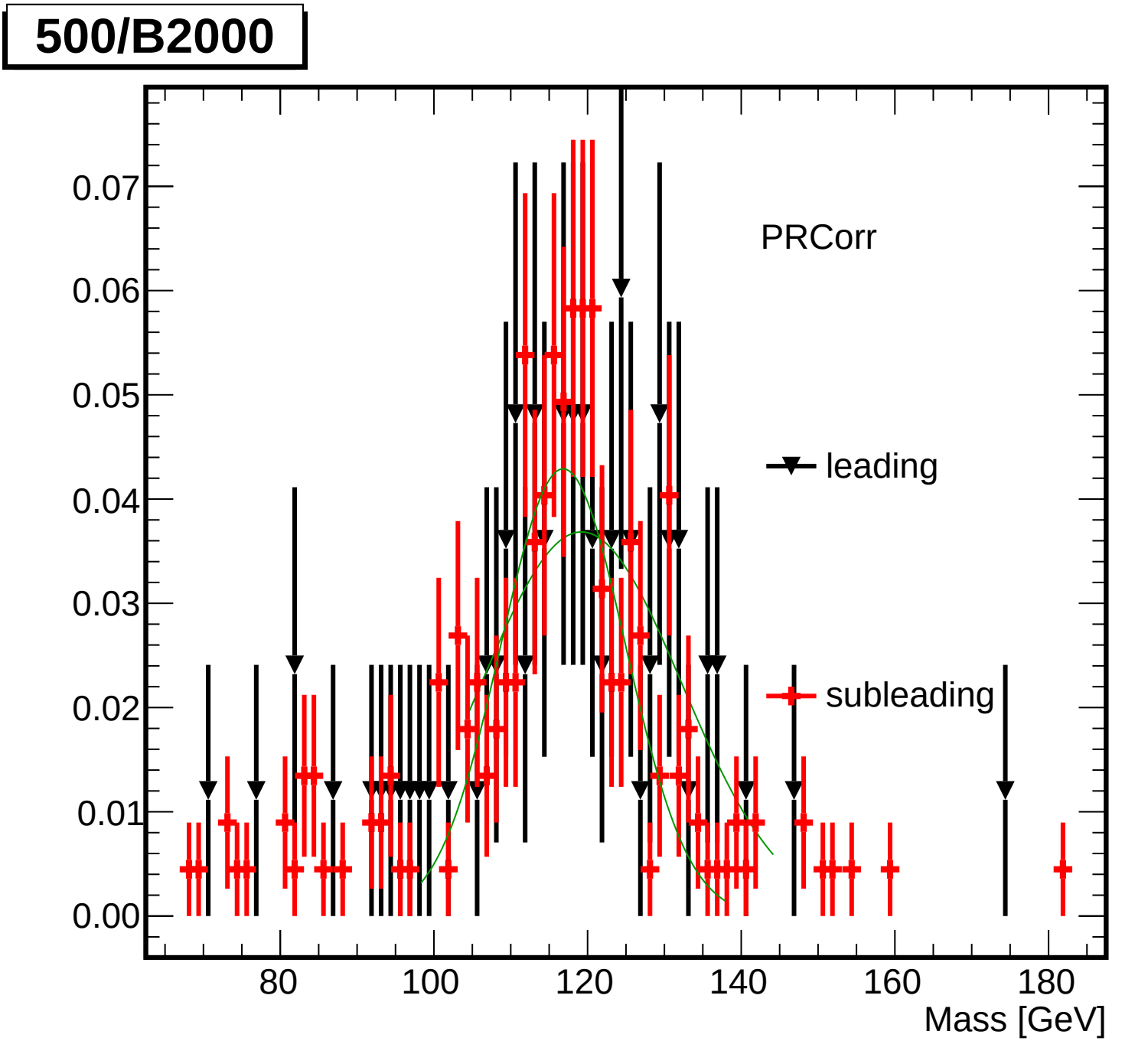

500/B2000, subleading jet
PR
Mean = -0.126
Sigma = 0.079
PRCorr
Mean = -0.066
Sigma = 0.073
AK8SD
Mean = -0.154
Sigma = 0.098
AK8SDCorrThea
Mean = -0.084
Sigma = 0.089
AK8SDHCorr
Mean = -0.069
Sigma = 0.104
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

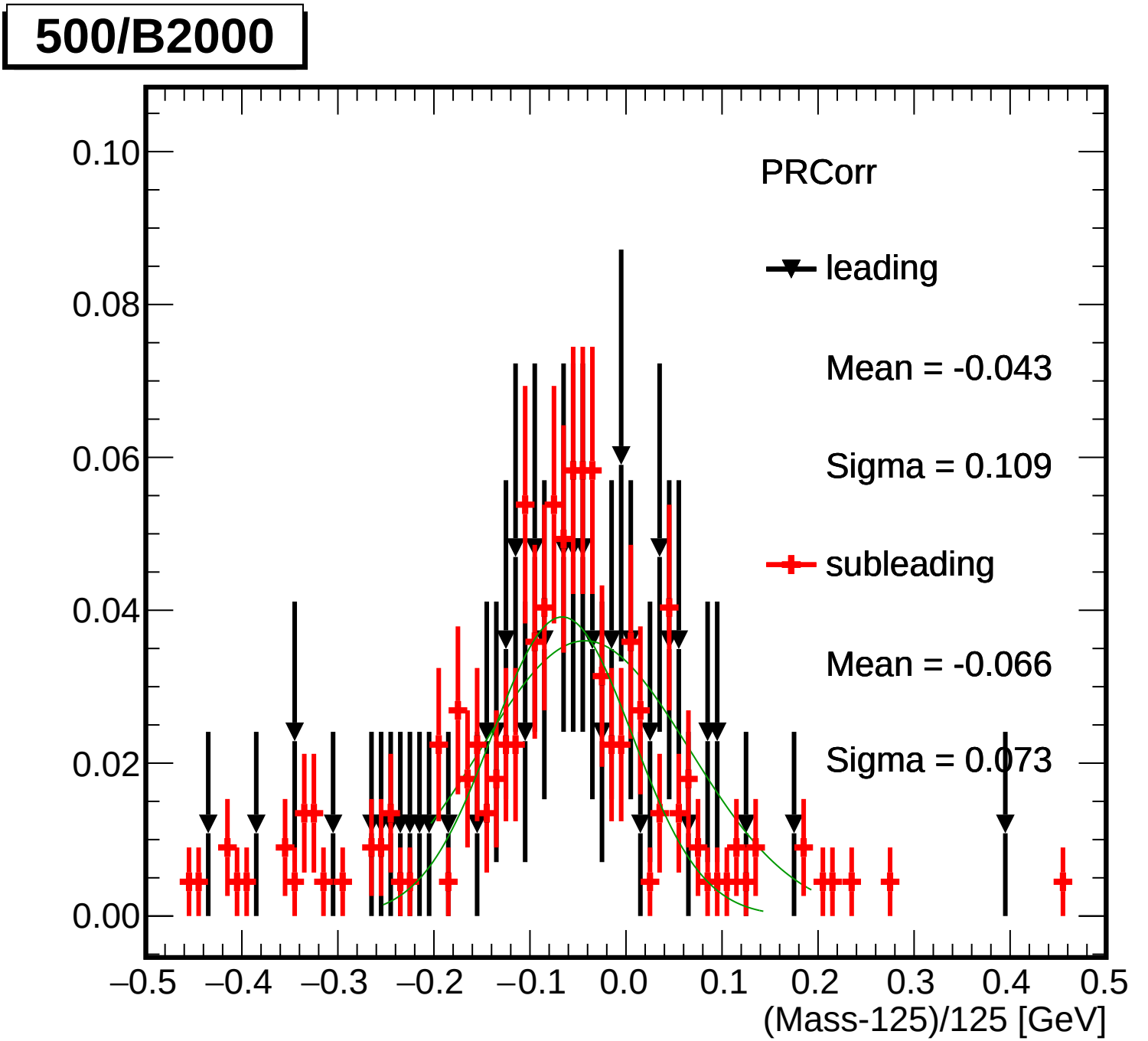

500/B2000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

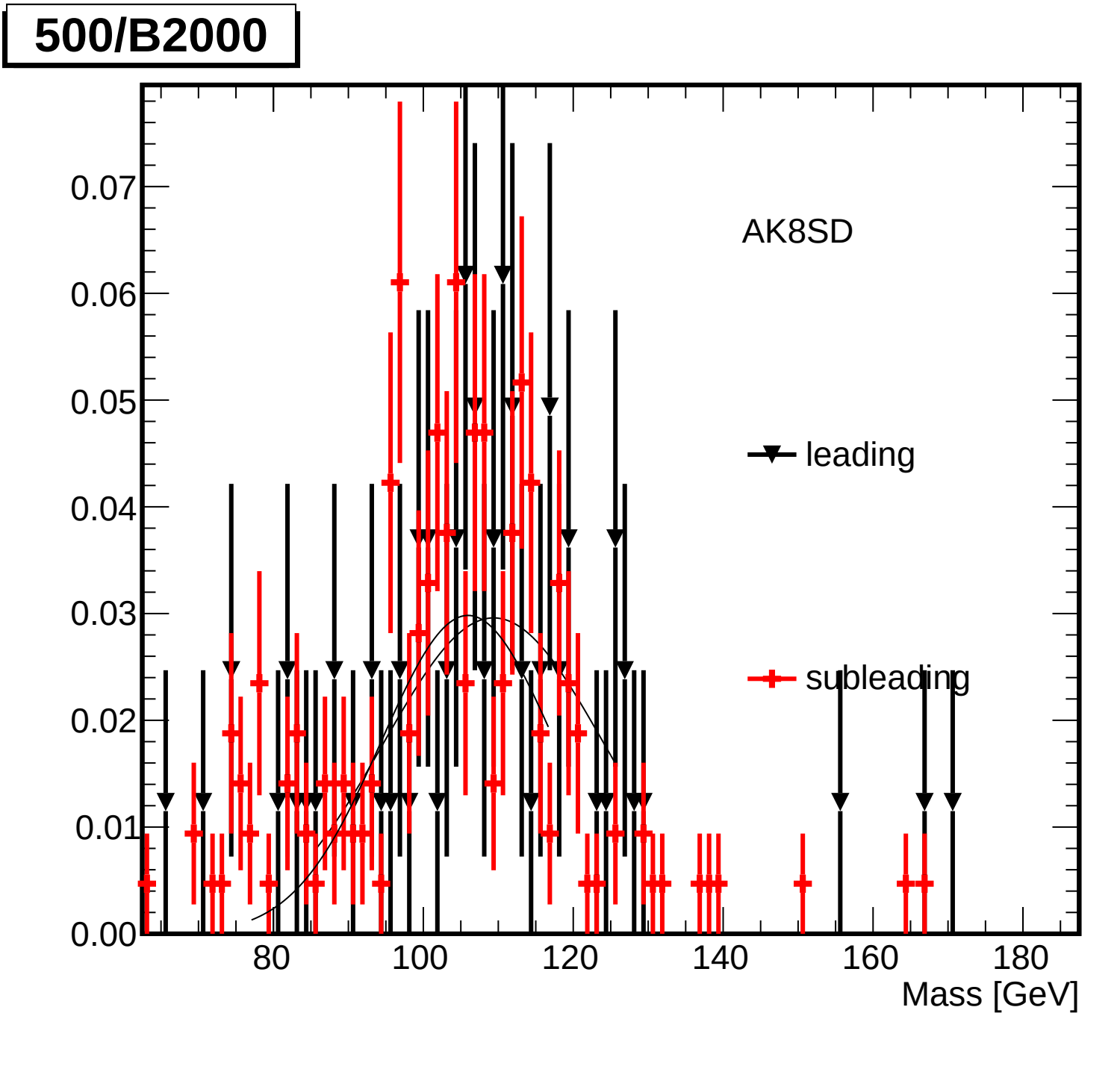

500/B2000, both jets
PR
Mean = -0.121
Sigma = 0.079
PRCorr
Mean = -0.056
Sigma = 0.078
AK8SD
Mean = -0.151
Sigma = 0.080
AK8SDCorrThea
Mean = -0.077
Sigma = 0.079
AK8SDHCorr
Mean = -0.036
Sigma = 0.088
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

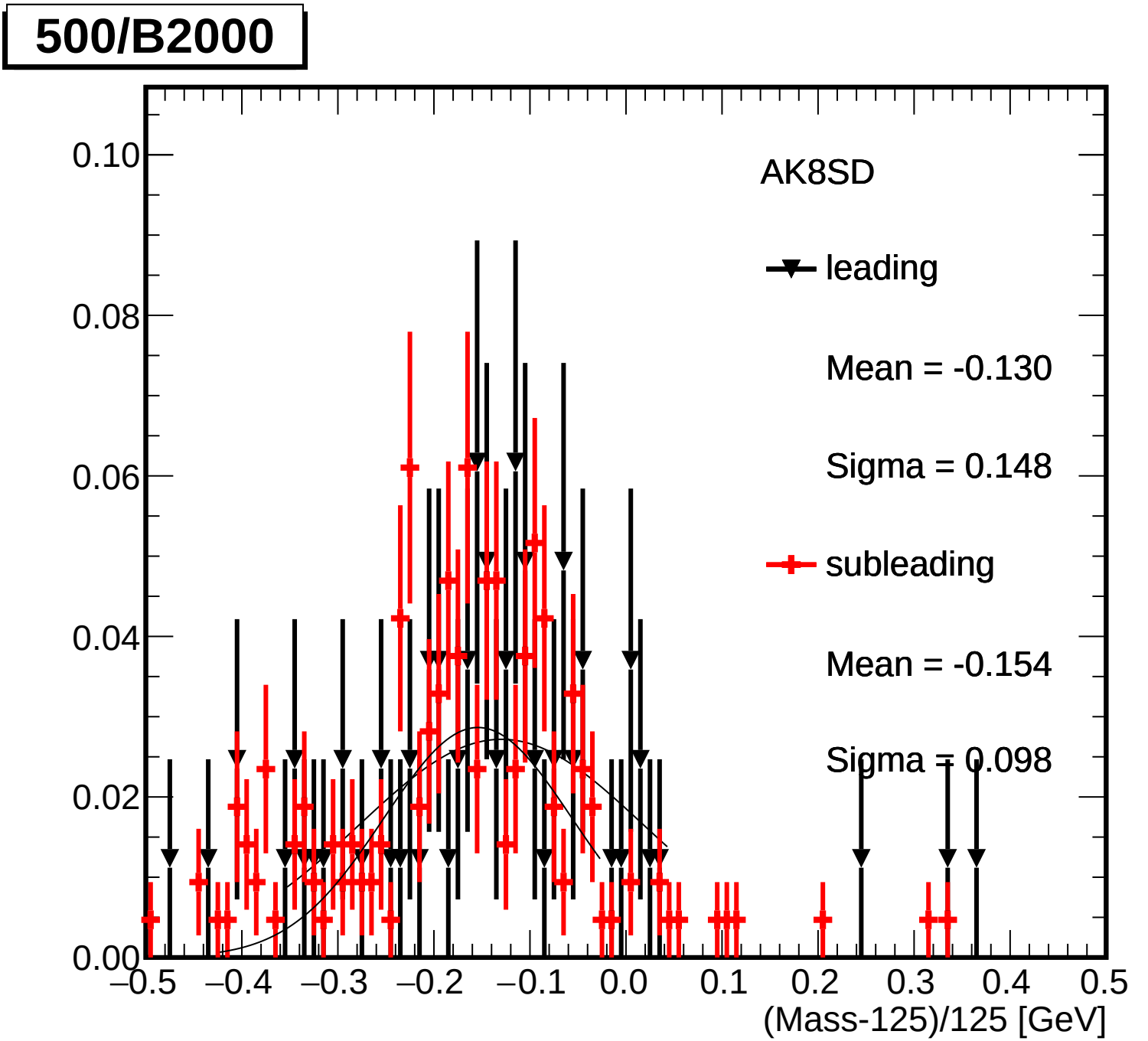

500/B2000
PR
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

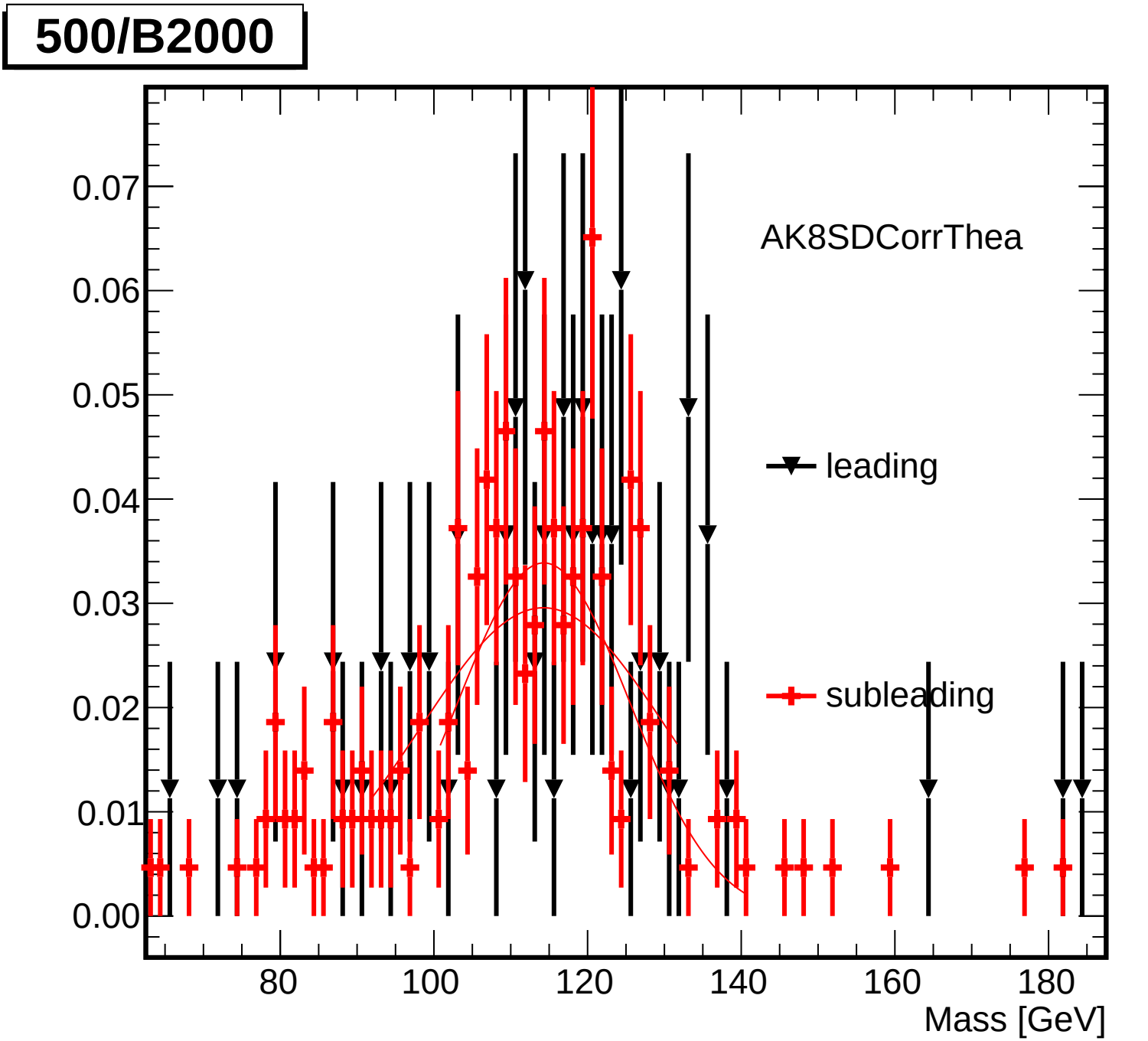

500/B2000
PR
leading
Mean = -0.104
Sigma = 0.128
subleading
Mean = -0.126
Sigma = 0.079
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

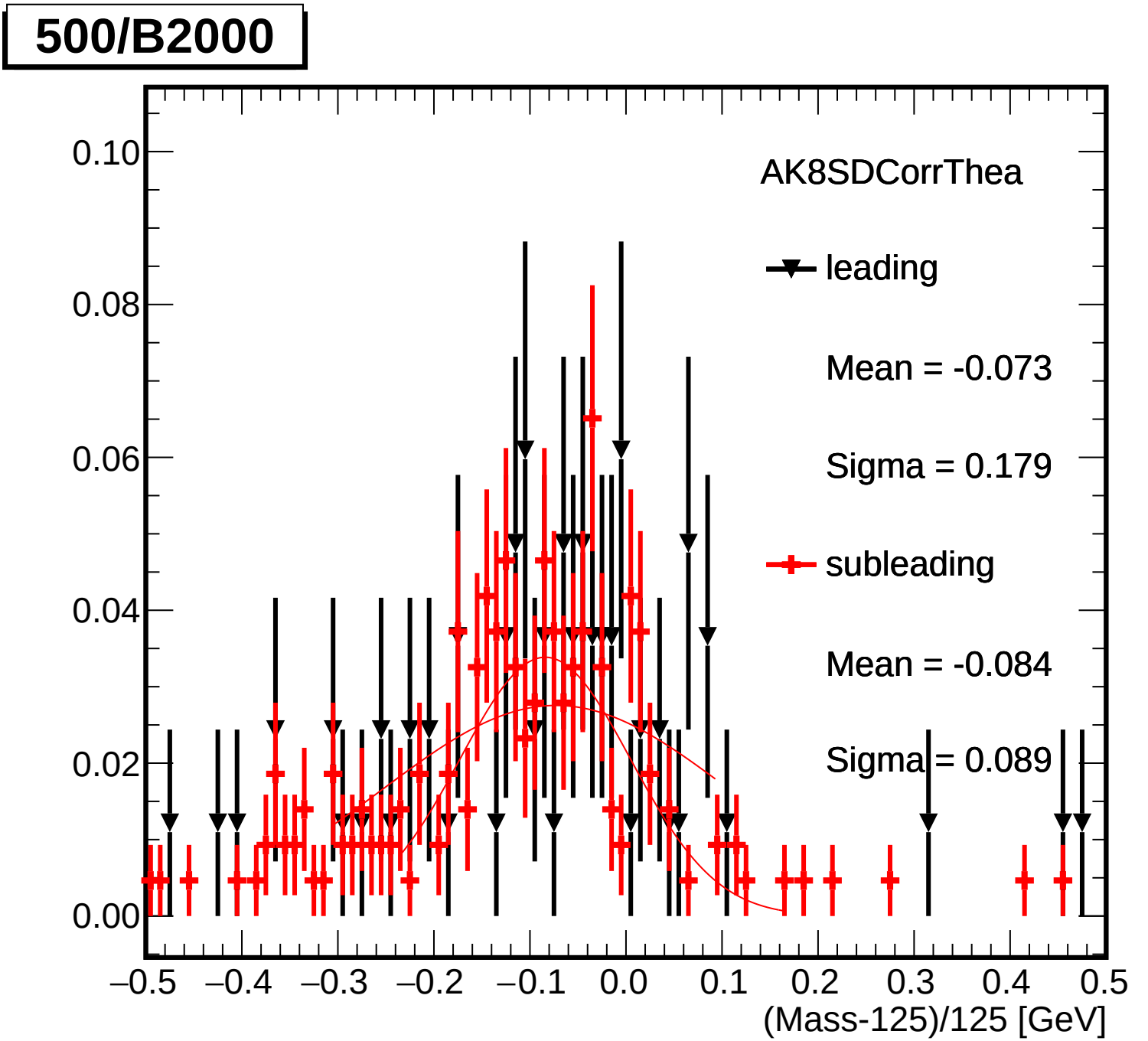

500/B2000
PRCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

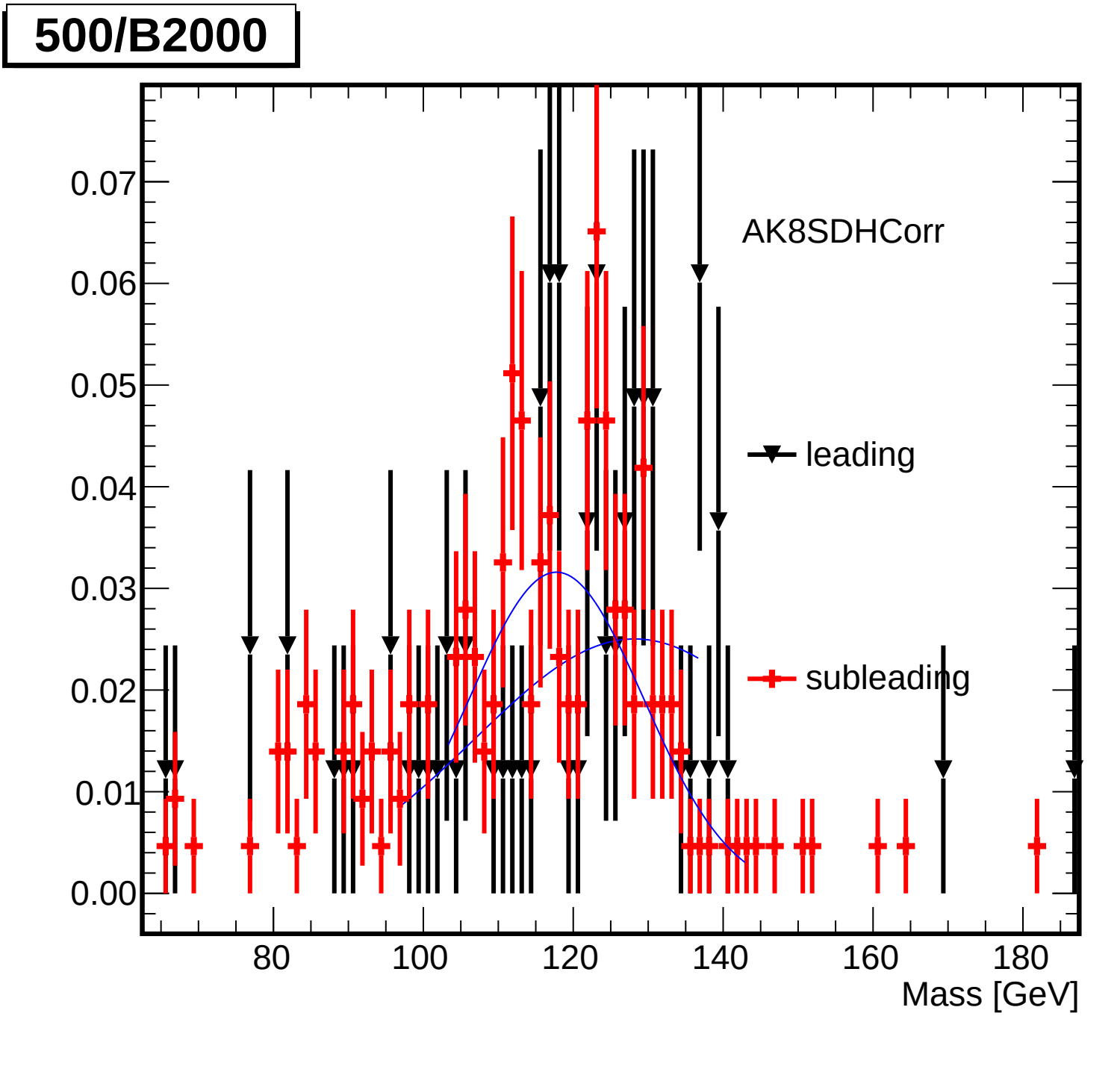

500/B2000
PRCorr
leading
Mean = -0.043
Sigma = 0.109
subleading
Mean = -0.066
Sigma = 0.073
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

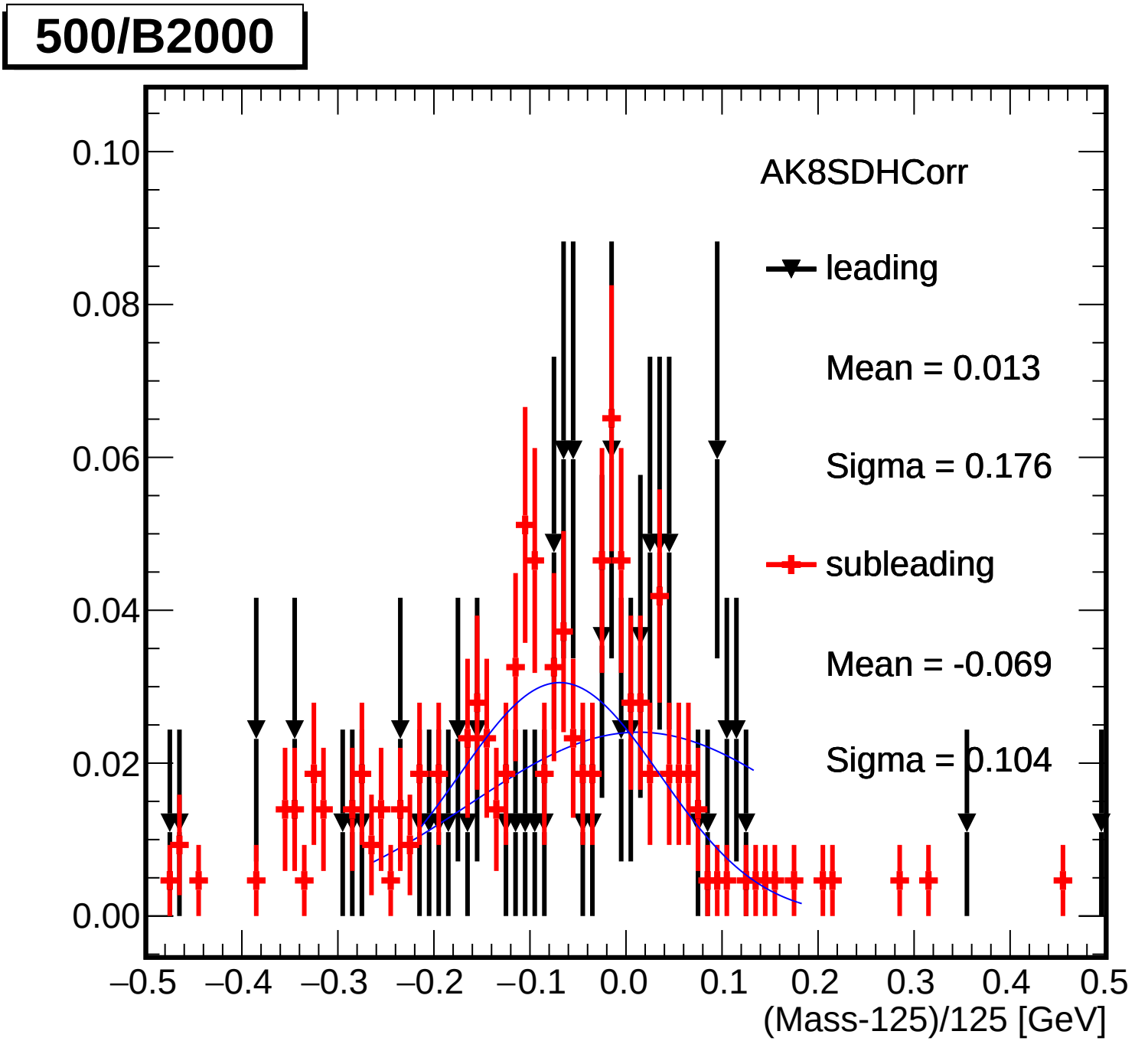

500/B2000
AK8SD
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B2000
AK8SD
leading
Mean = -0.130
Sigma = 0.148
subleading
Mean = -0.154
Sigma = 0.098
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/B2000
AK8SDCorrThea
leading
subleading
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/B2000
AK8SDCorrThea
leading
Mean = -0.073
Sigma = 0.179
subleading
Mean = -0.084
Sigma = 0.089
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/B2000
AK8SDHCorr
leading
subleading
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/B2000
AK8SDHCorr
leading
Mean = 0.013
Sigma = 0.176
subleading
Mean = -0.069
Sigma = 0.104
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]