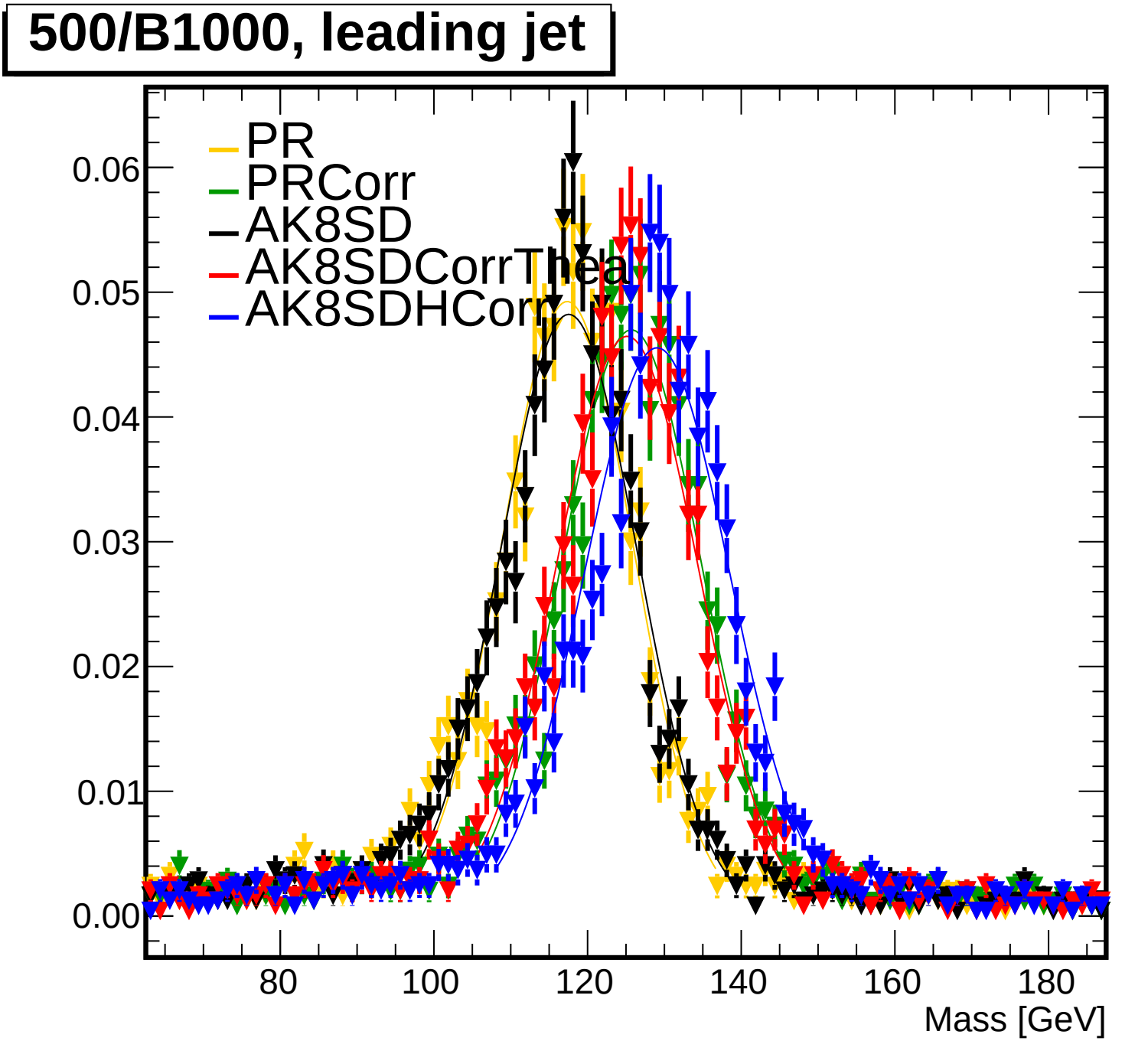
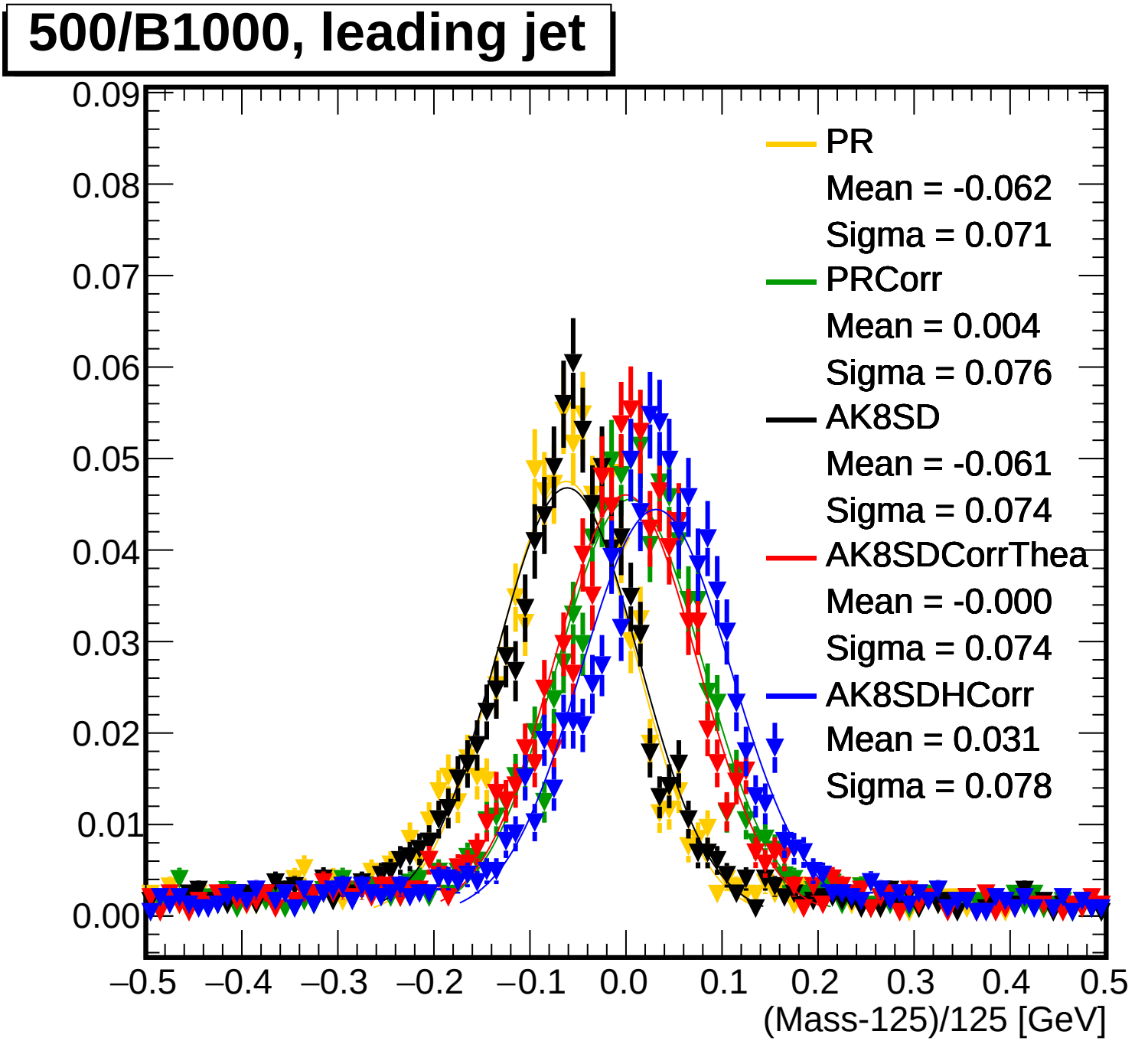
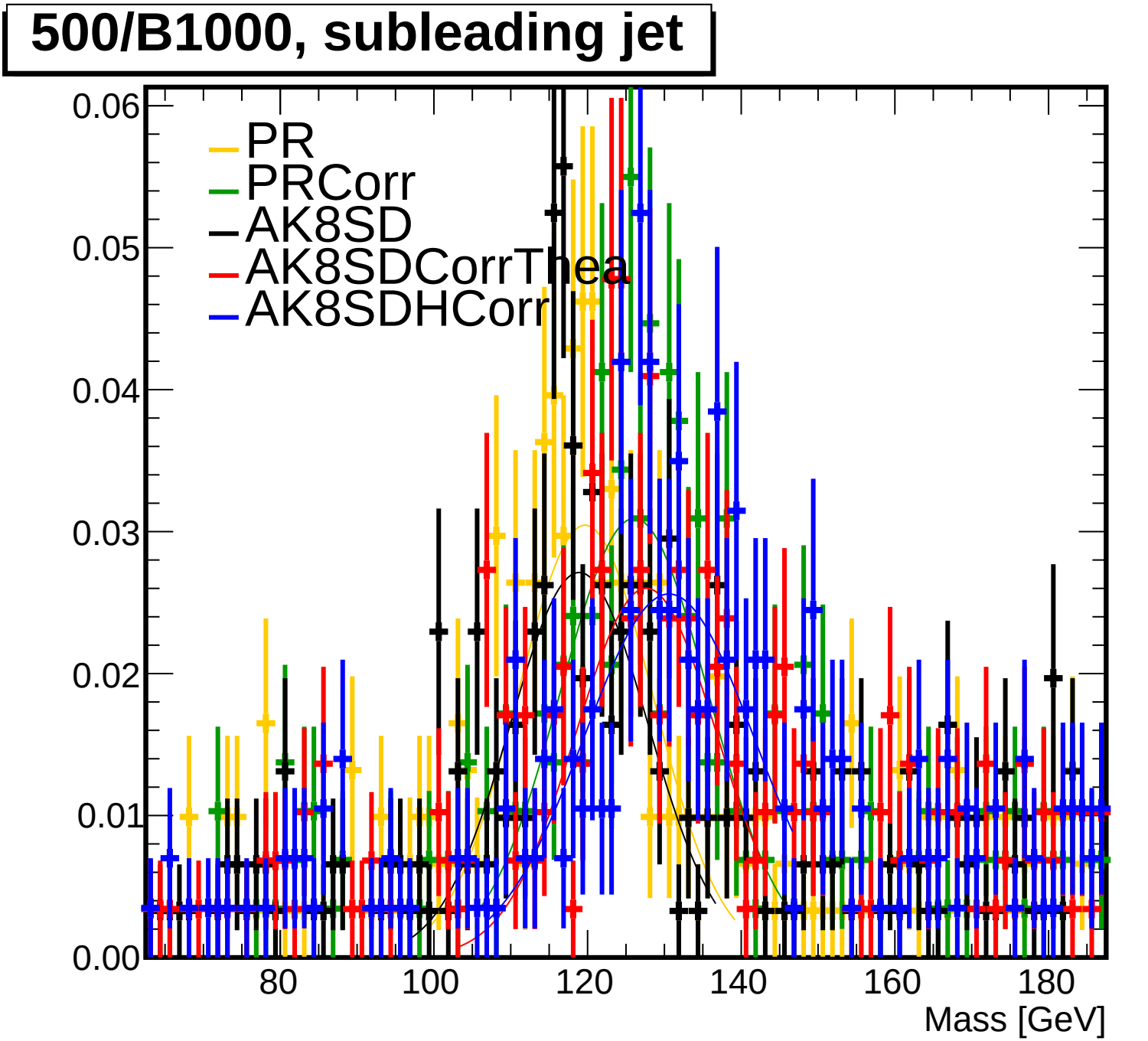
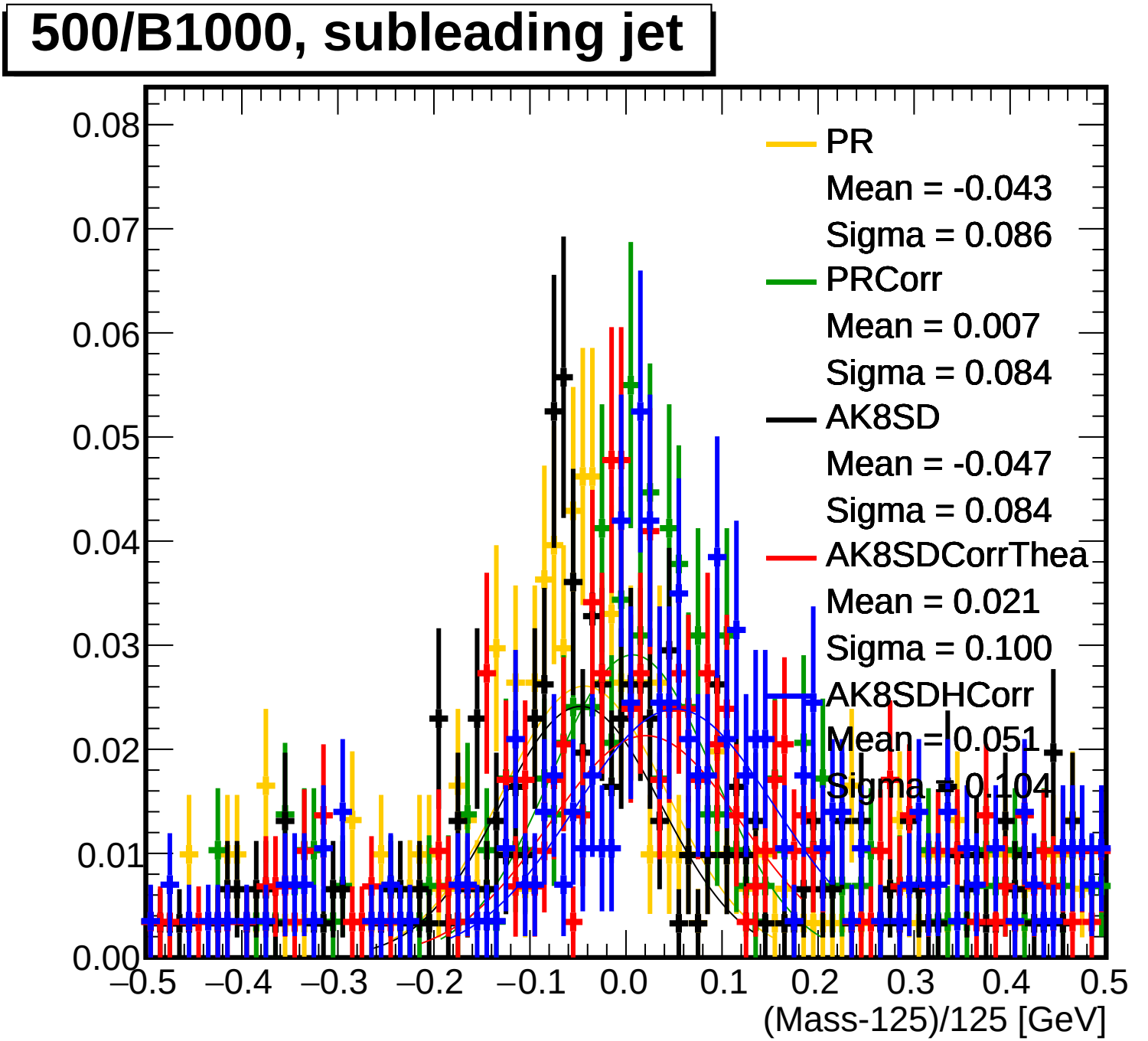
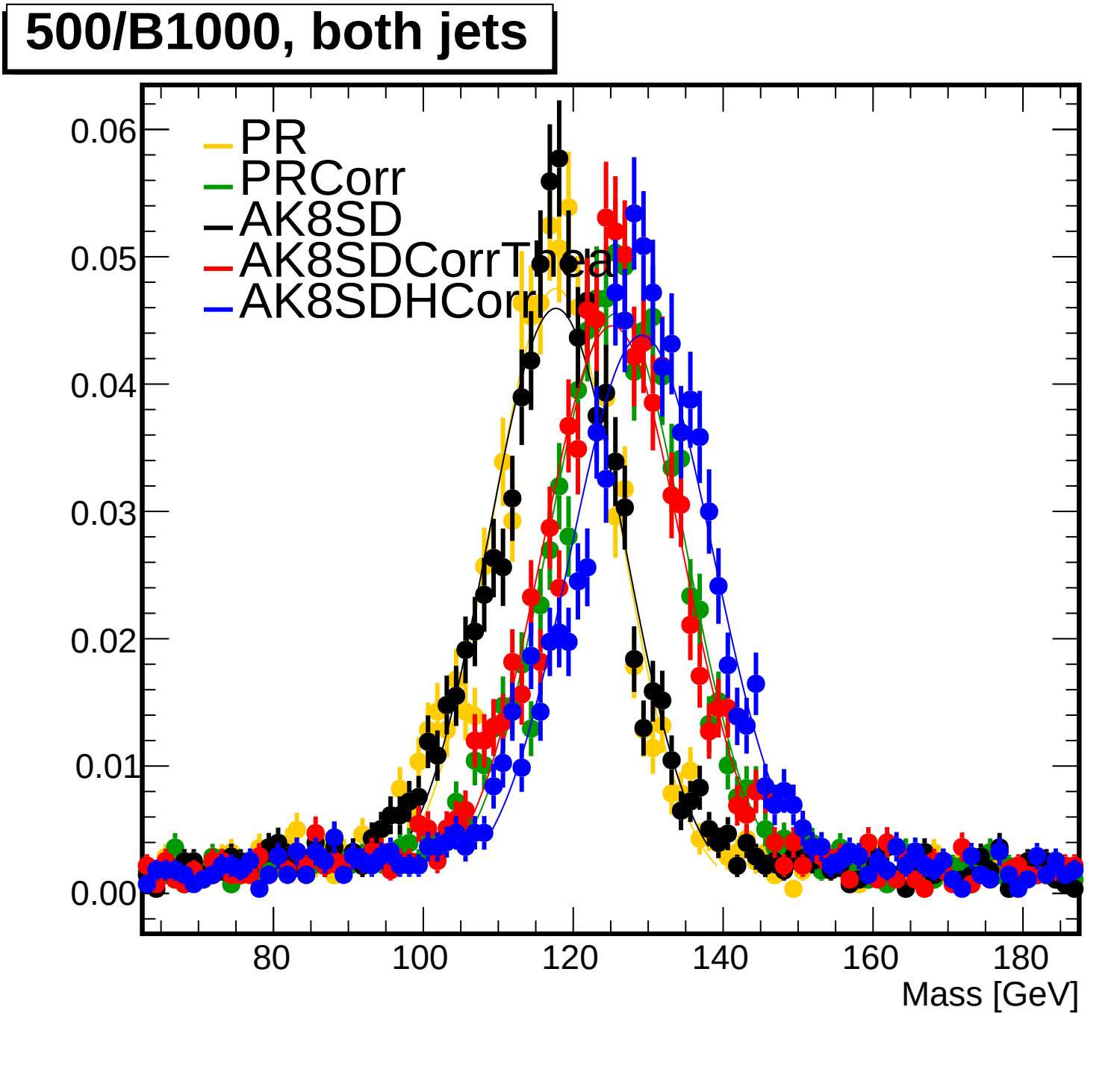
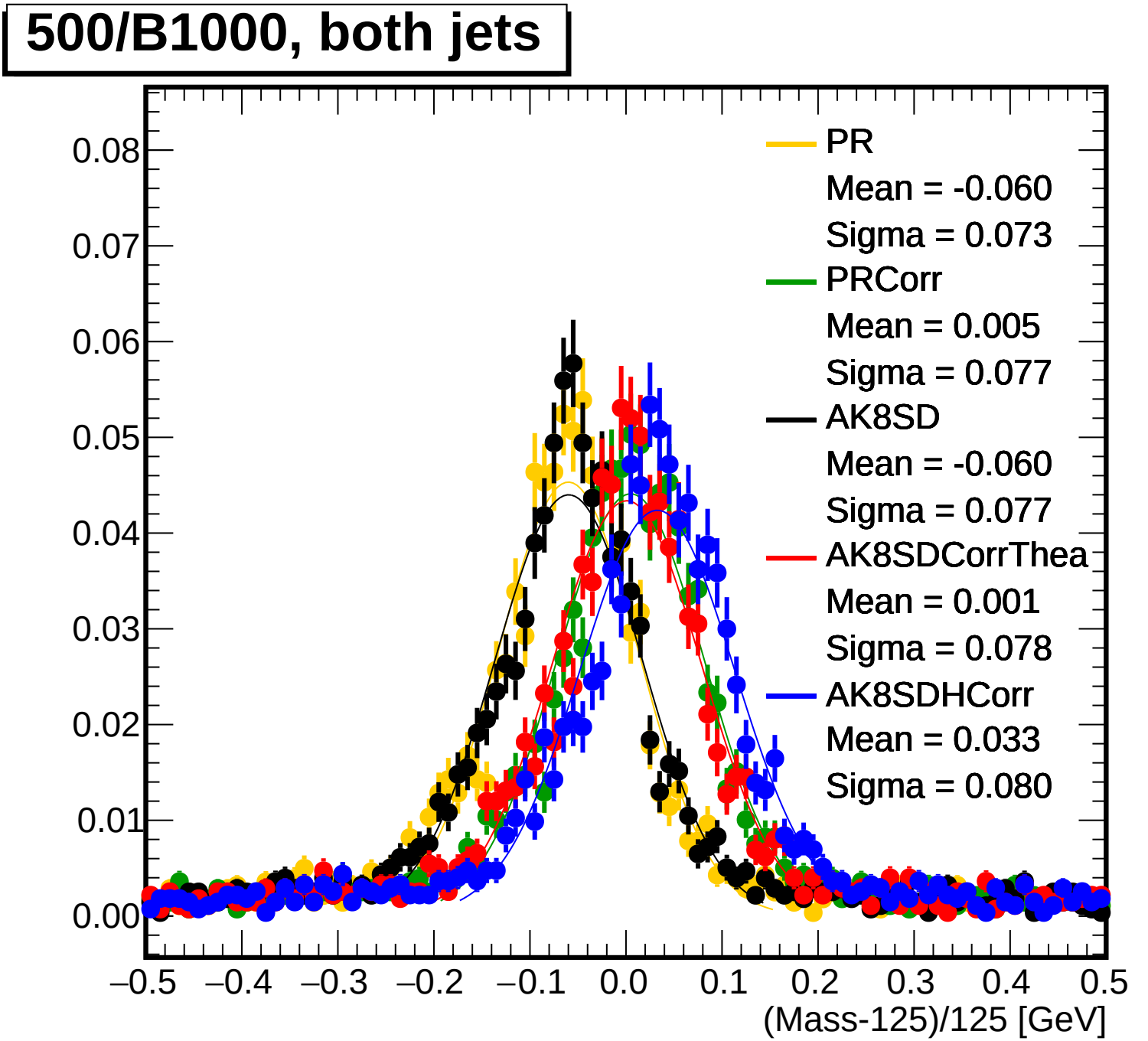

500/B1000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

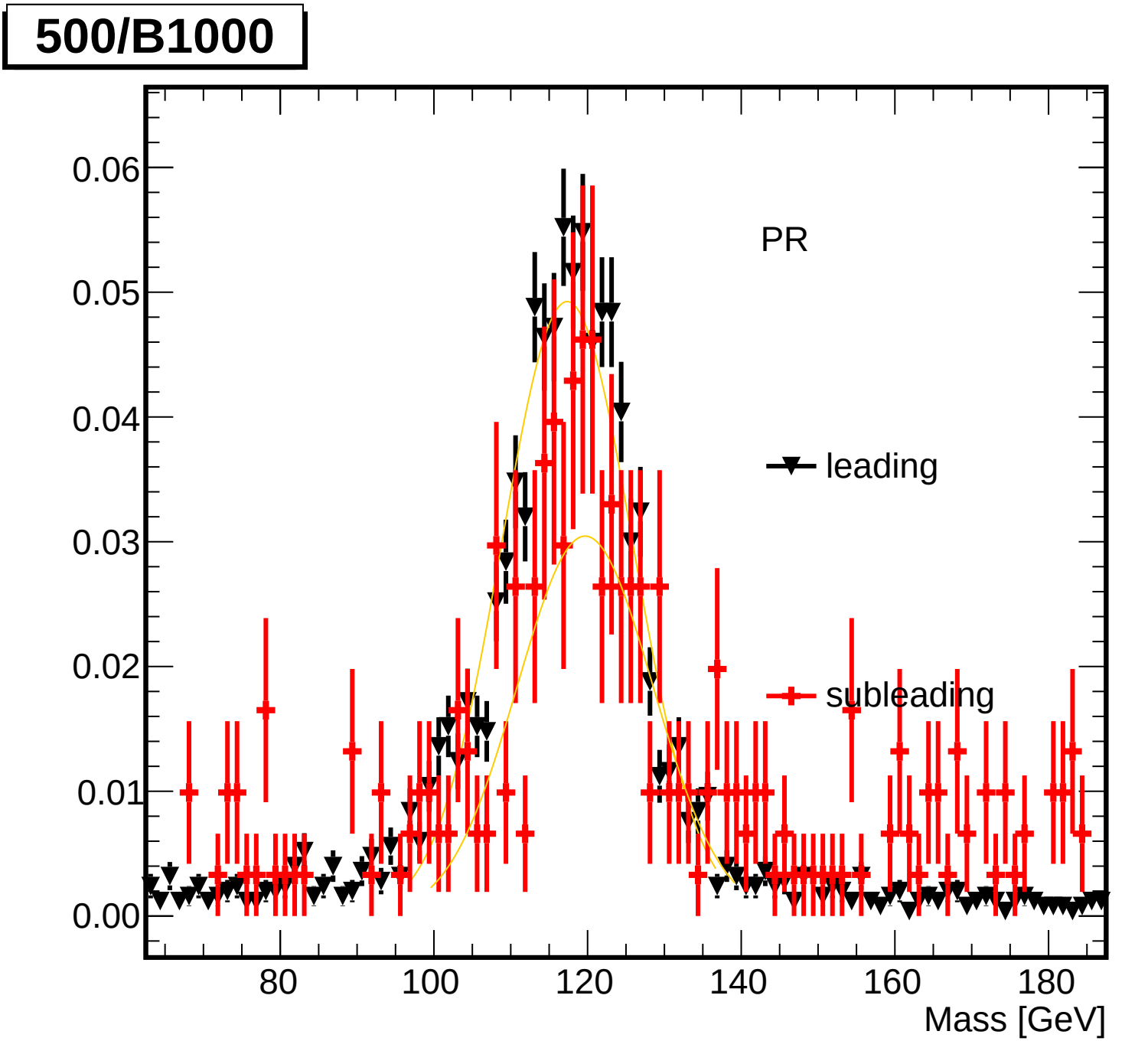

500/B1000, leading jet
PR
Mean = -0.062
Sigma = 0.071
PRCorr
Mean = 0.004
Sigma = 0.076
AK8SD
Mean = -0.061
Sigma = 0.074
AK8SDCorrThea
Mean = -0.000
Sigma = 0.074
AK8SDHCorr
Mean = 0.031
Sigma = 0.078
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

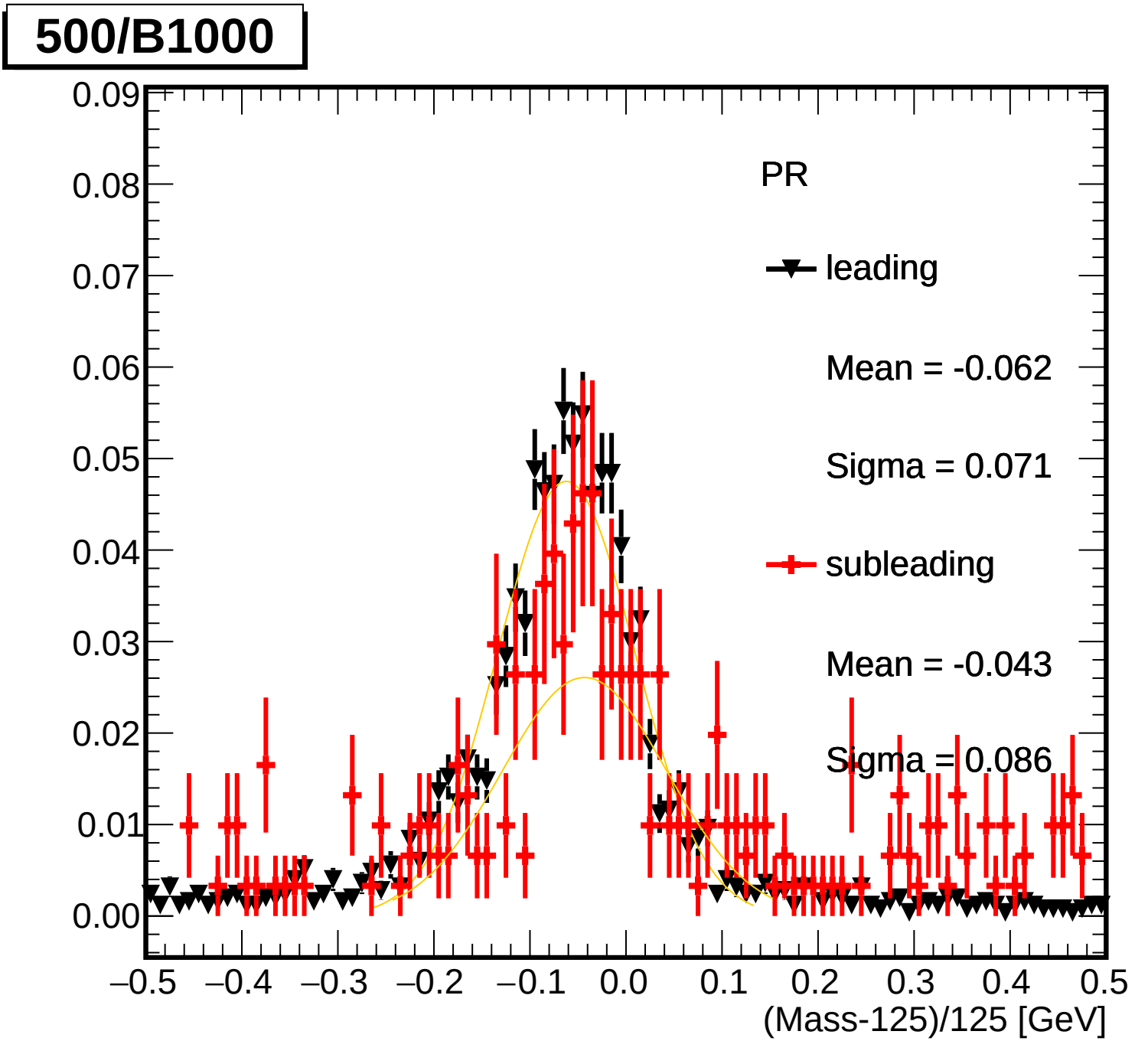

500/B1000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

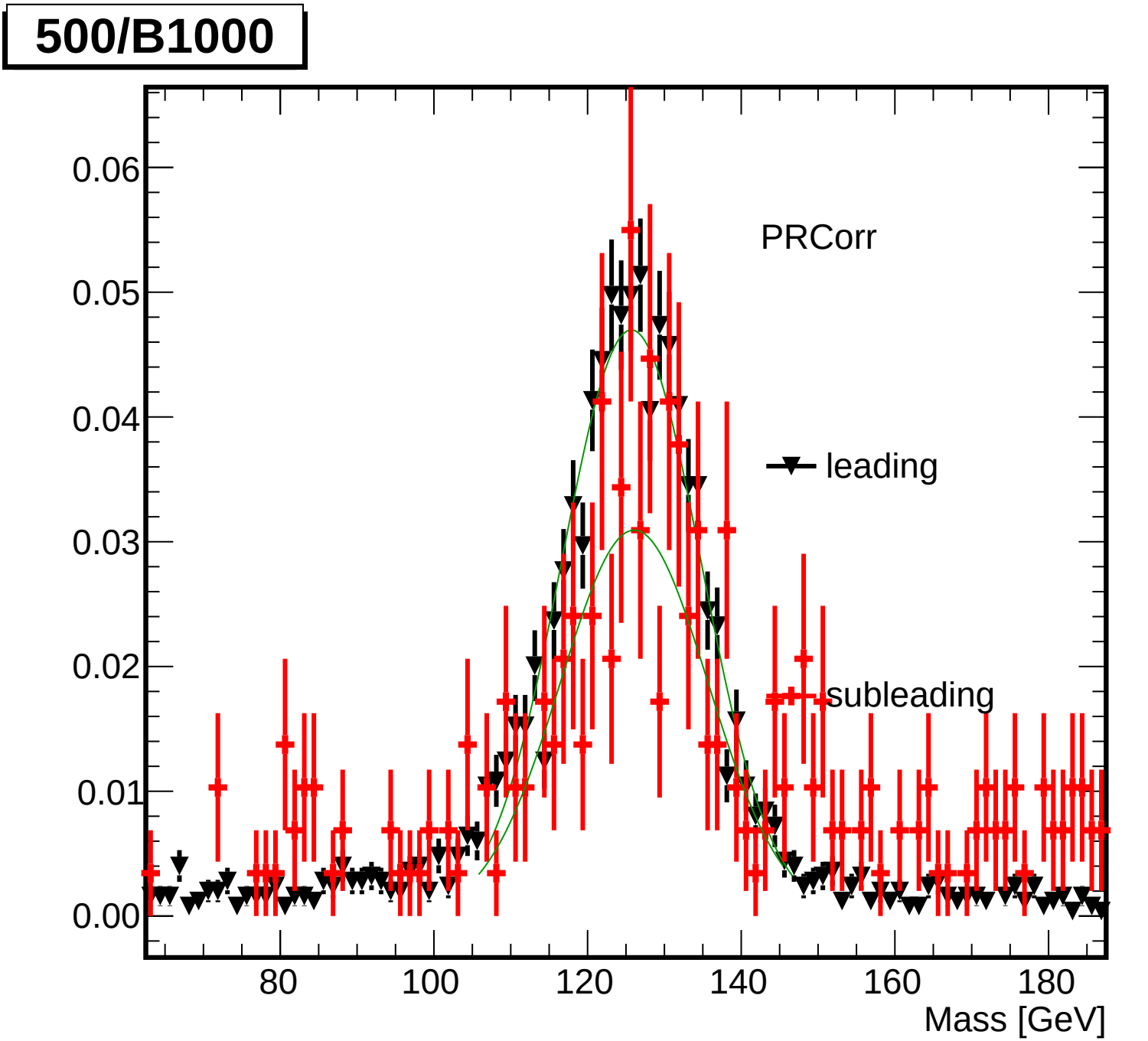

500/B1000, subleading jet
PR
Mean = -0.043
Sigma = 0.086
PRCorr
Mean = 0.007
Sigma = 0.084
AK8SD
Mean = -0.047
Sigma = 0.084
AK8SDCorrThea
Mean = 0.021
Sigma = 0.100
AK8SDHCorr
Mean = 0.051
Sigma = 0.104
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

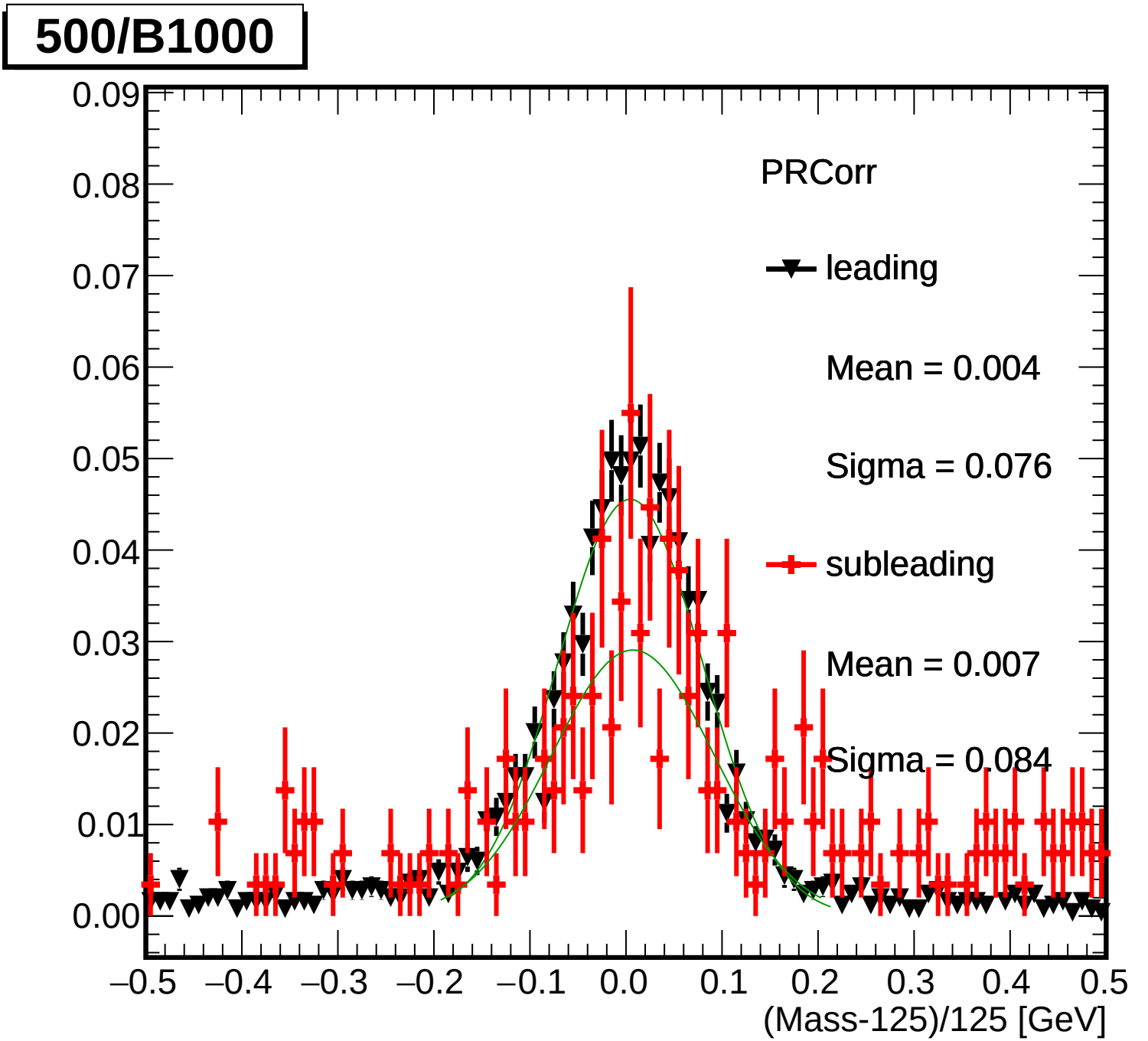

500/B1000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThera
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

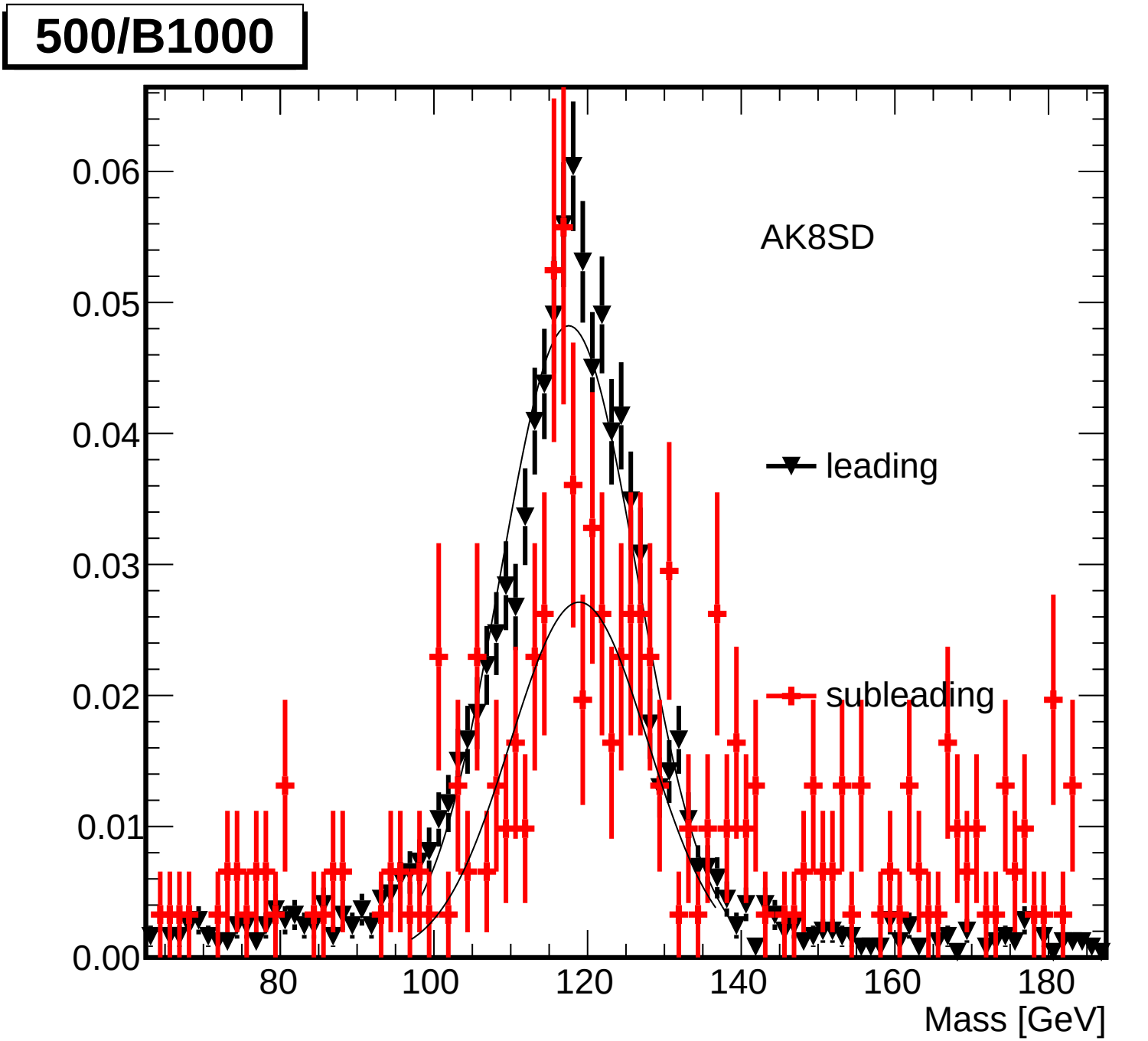

500/B1000, both jets
PR
Mean = -0.060
Sigma = 0.073
PRCorr
Mean = 0.005
Sigma = 0.077
AK8SD
Mean = -0.060
Sigma = 0.077
AK8SDCorrThea
Mean = 0.001
Sigma = 0.078
AK8SDHCorr
Mean = 0.033
Sigma = 0.080
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

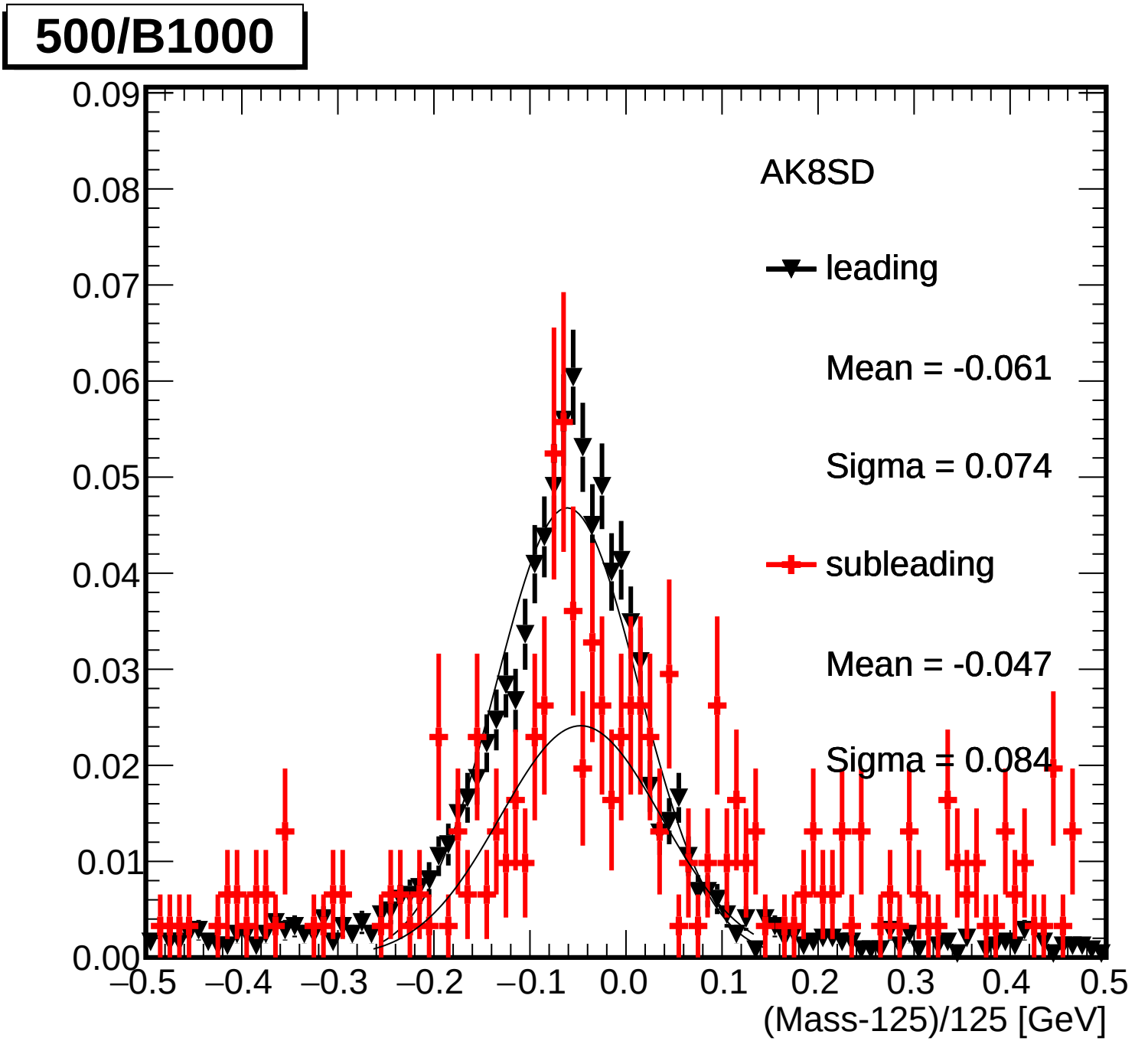

500/B1000
PR
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

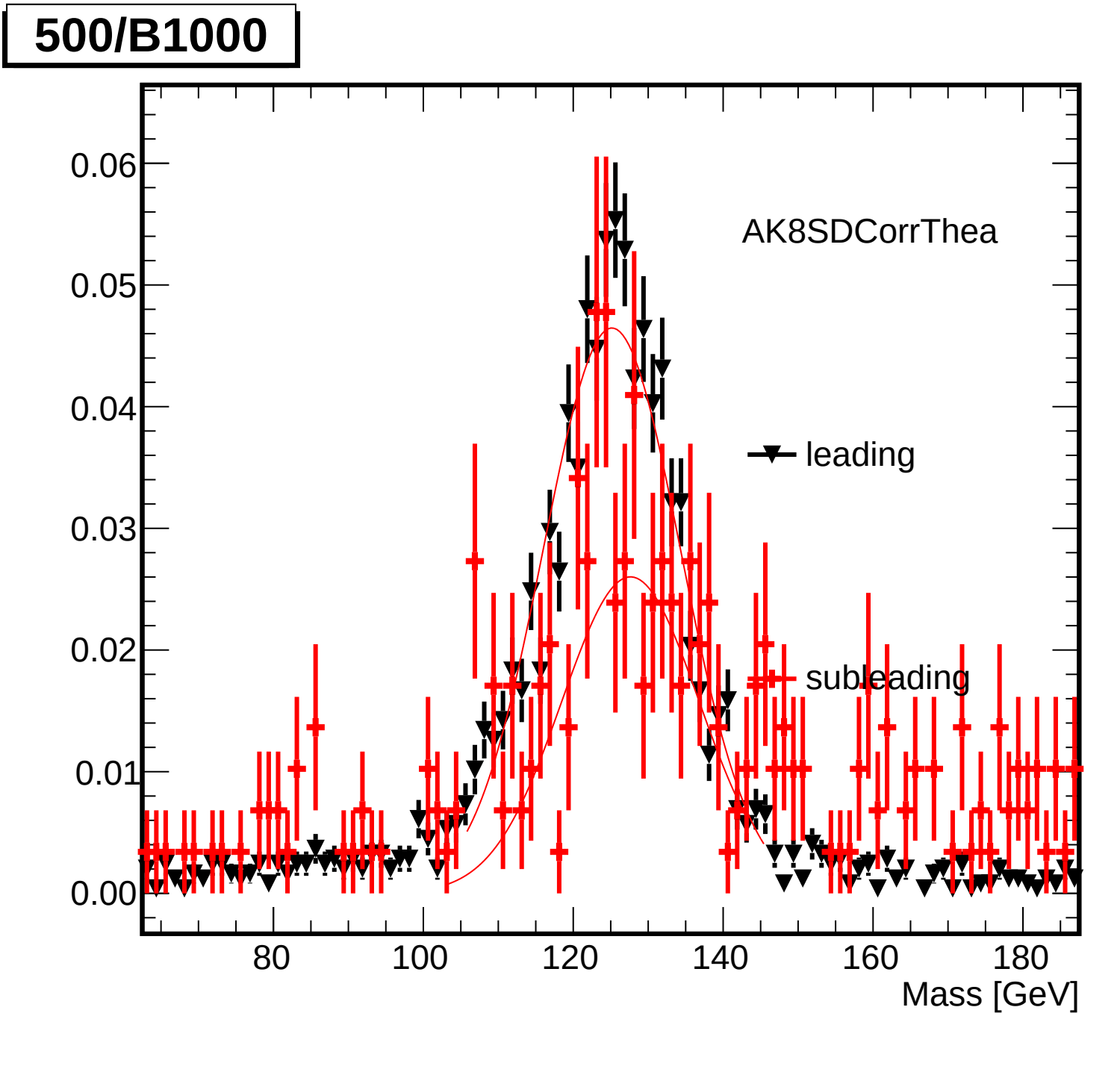

500/B1000
PR
leading
Mean = -0.062
Sigma = 0.071
subleading
Mean = -0.043
Sigma = 0.086
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

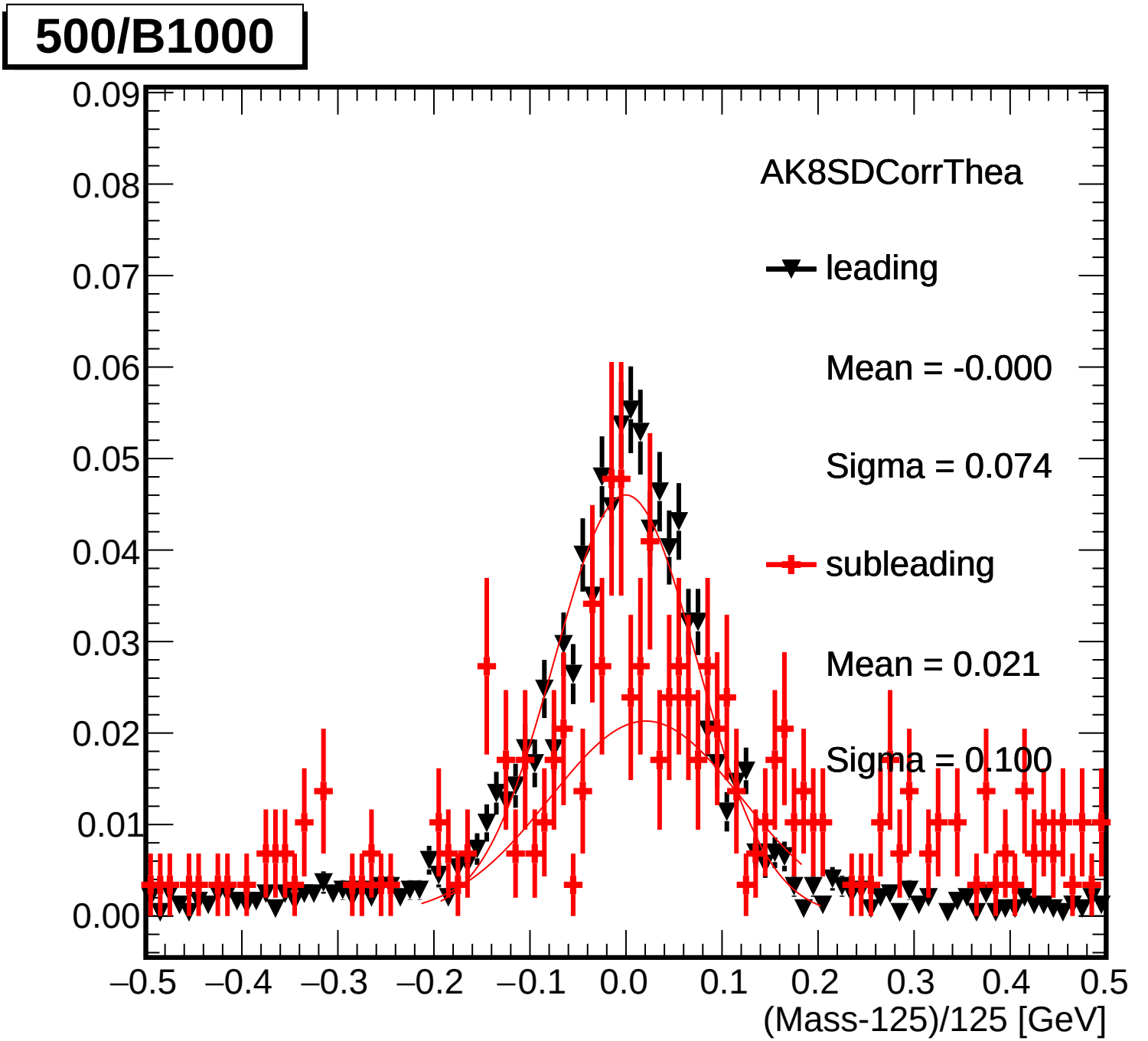

500/B1000
PRCorr
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

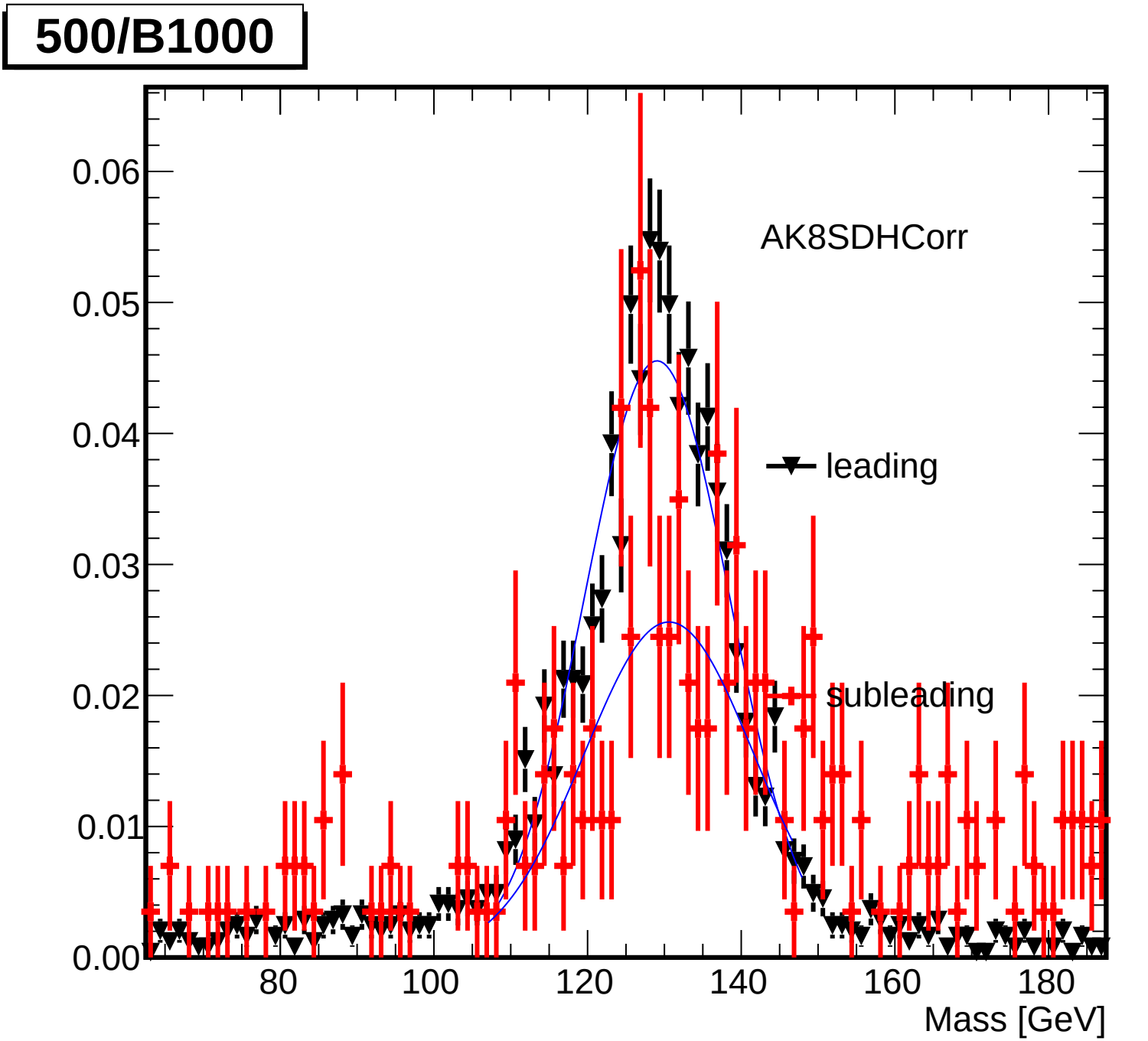

500/B1000
PRCorr
leading
Mean = 0.004
Sigma = 0.076
subleading
Mean = 0.007
Sigma = 0.084
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

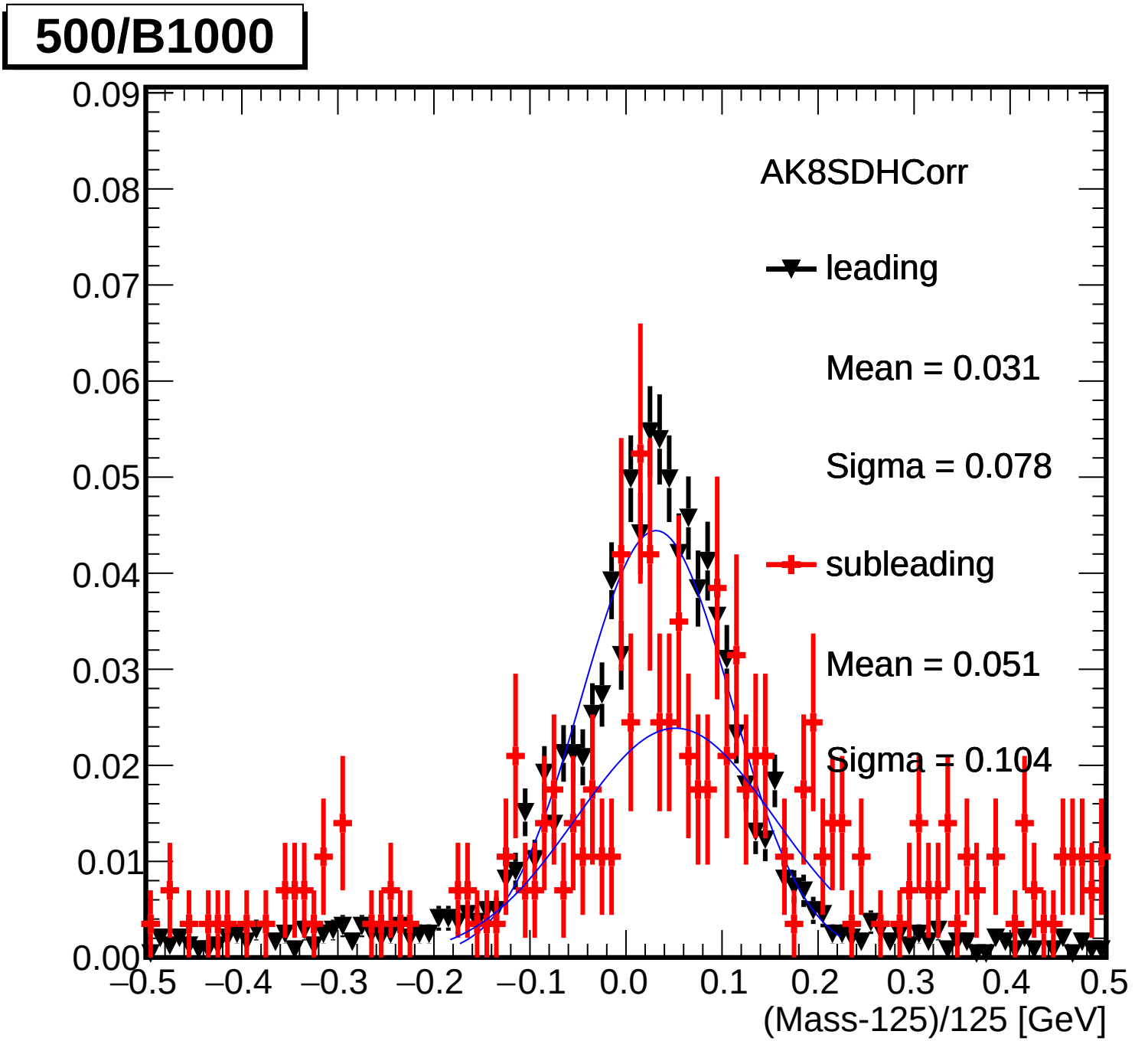

500/B1000
AK8SD
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1000
AK8SD
leading
Mean = -0.061
Sigma = 0.074
subleading
Mean = -0.047
Sigma = 0.084
0.09
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/B1000
AK8SDCorrThea
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1000
AK8SDCorrThea
leading
Mean = -0.000
Sigma = 0.074
subleading
Mean = 0.021
Sigma = 0.100
0.09
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/B1000
AK8SDHCorr
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1000
AK8SDHCorr
leading
Mean = 0.031
Sigma = 0.078
subleading
Mean = 0.051
Sigma = 0.104
0.09
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]