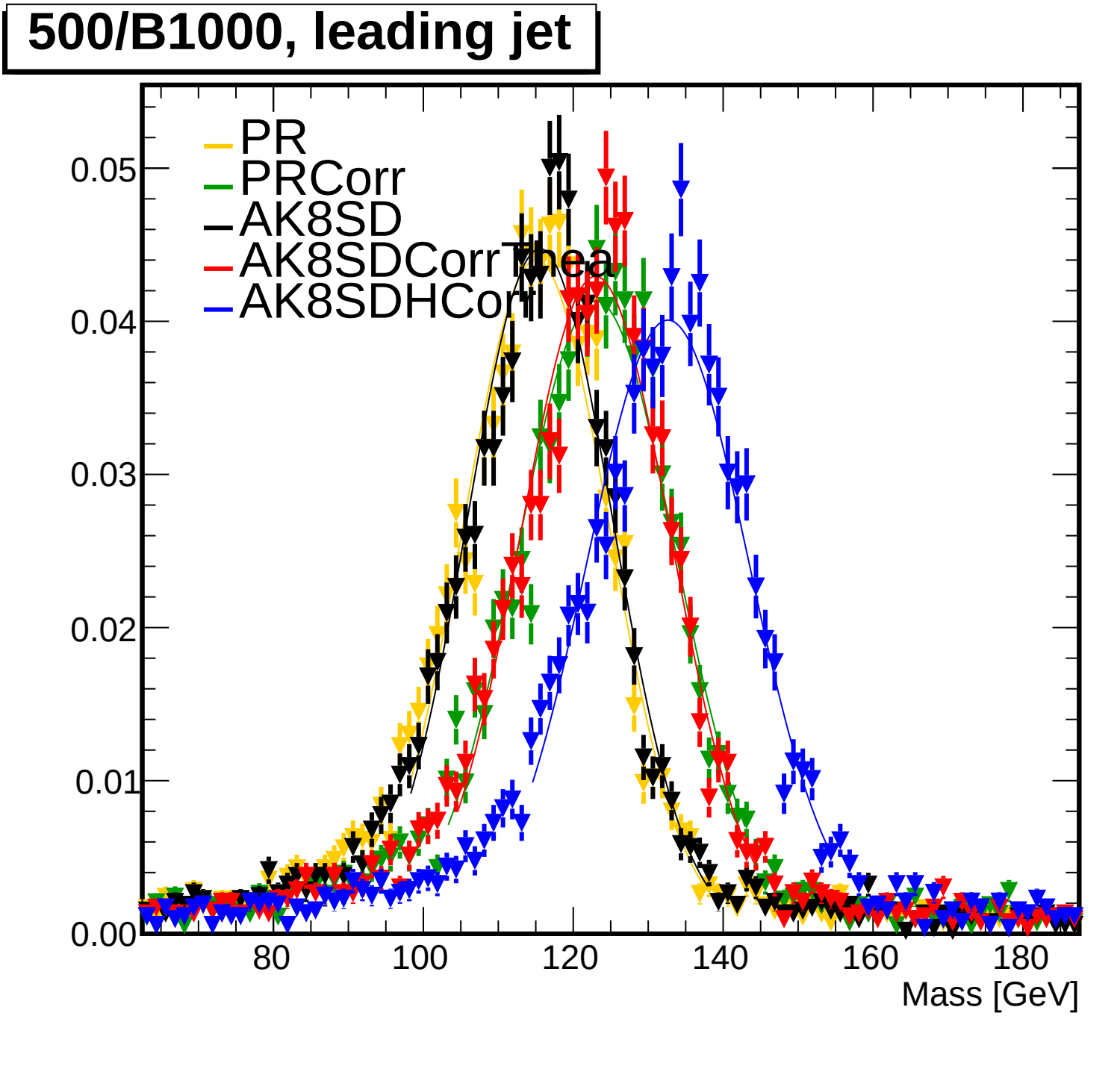
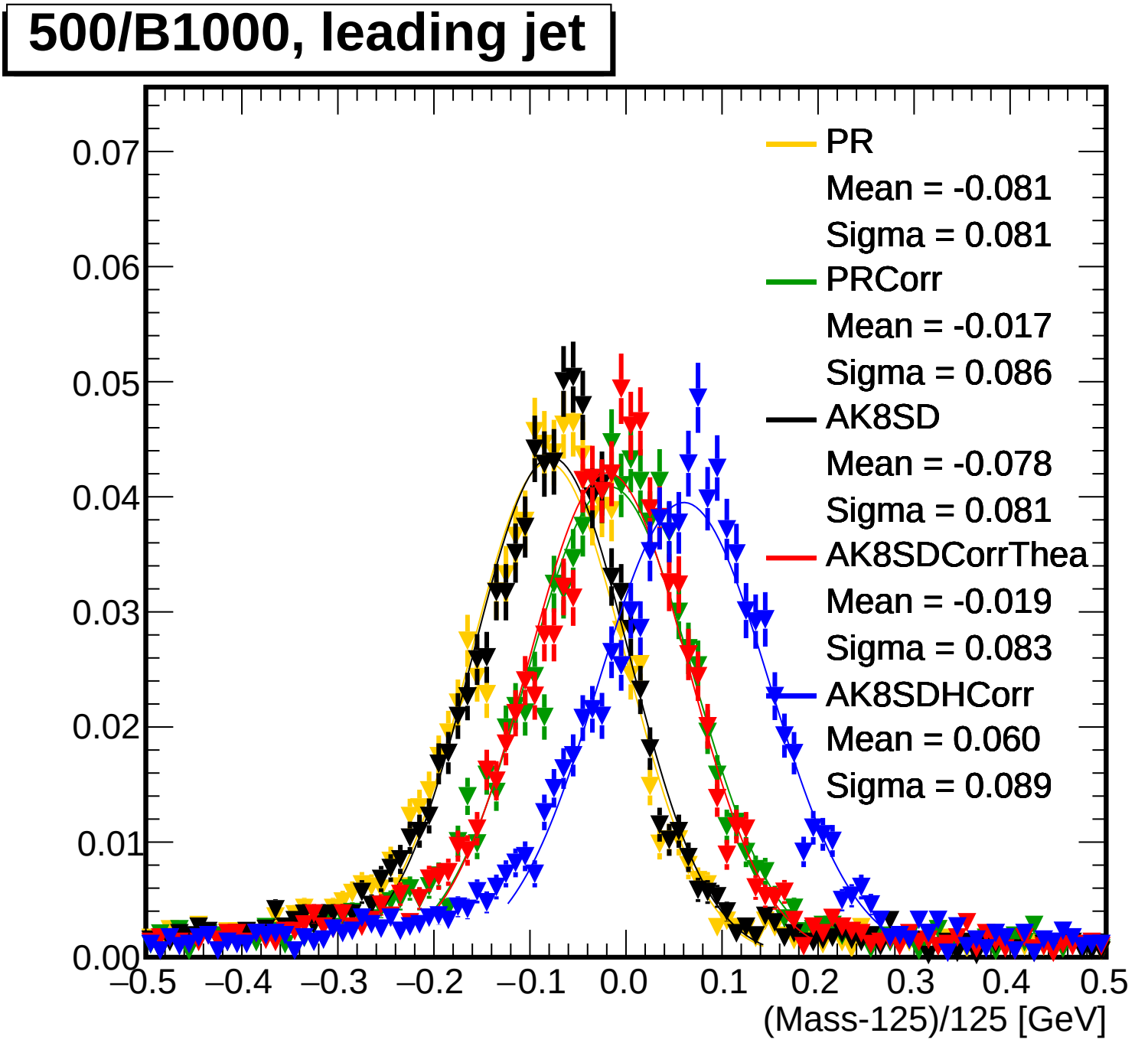
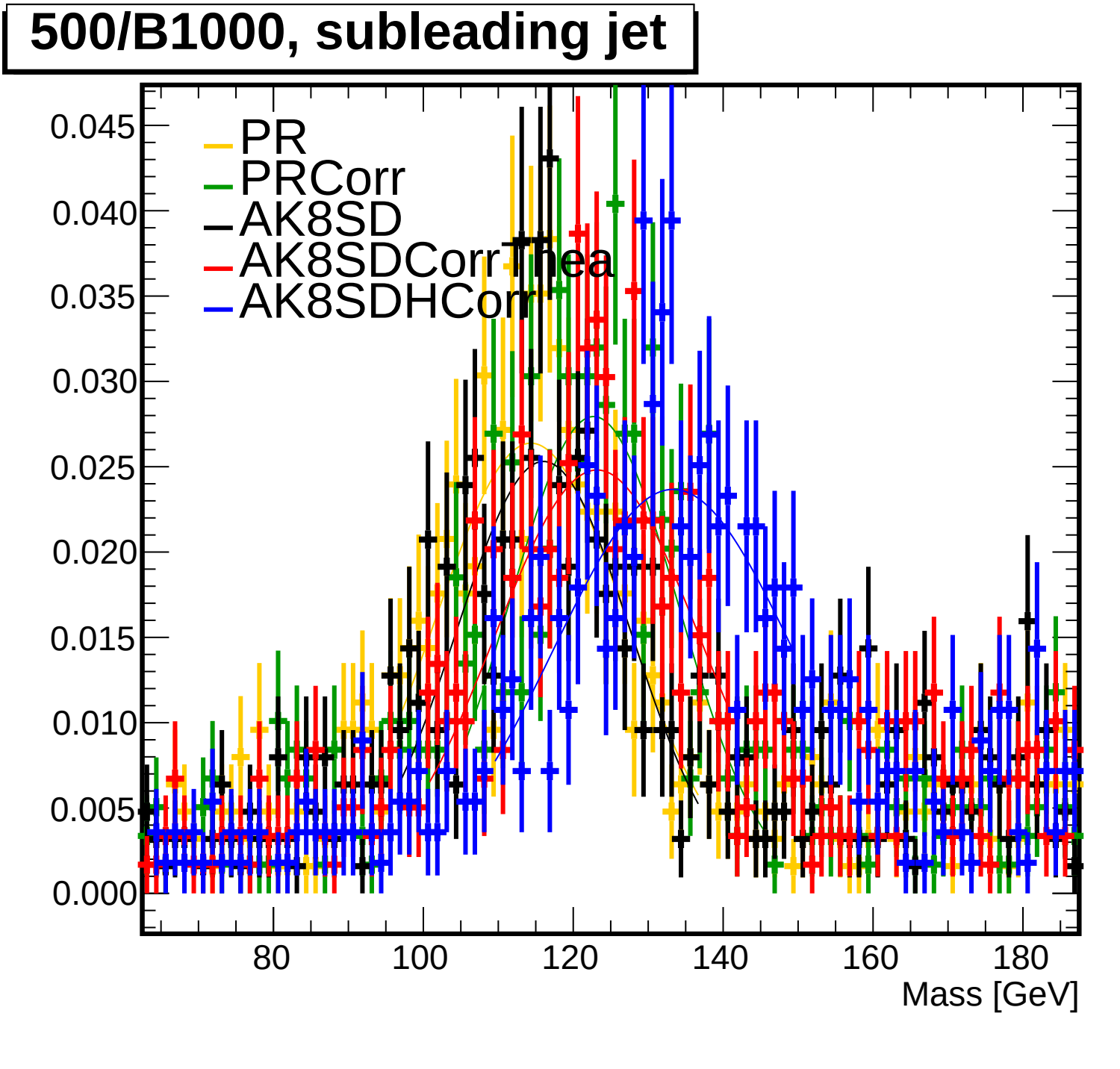
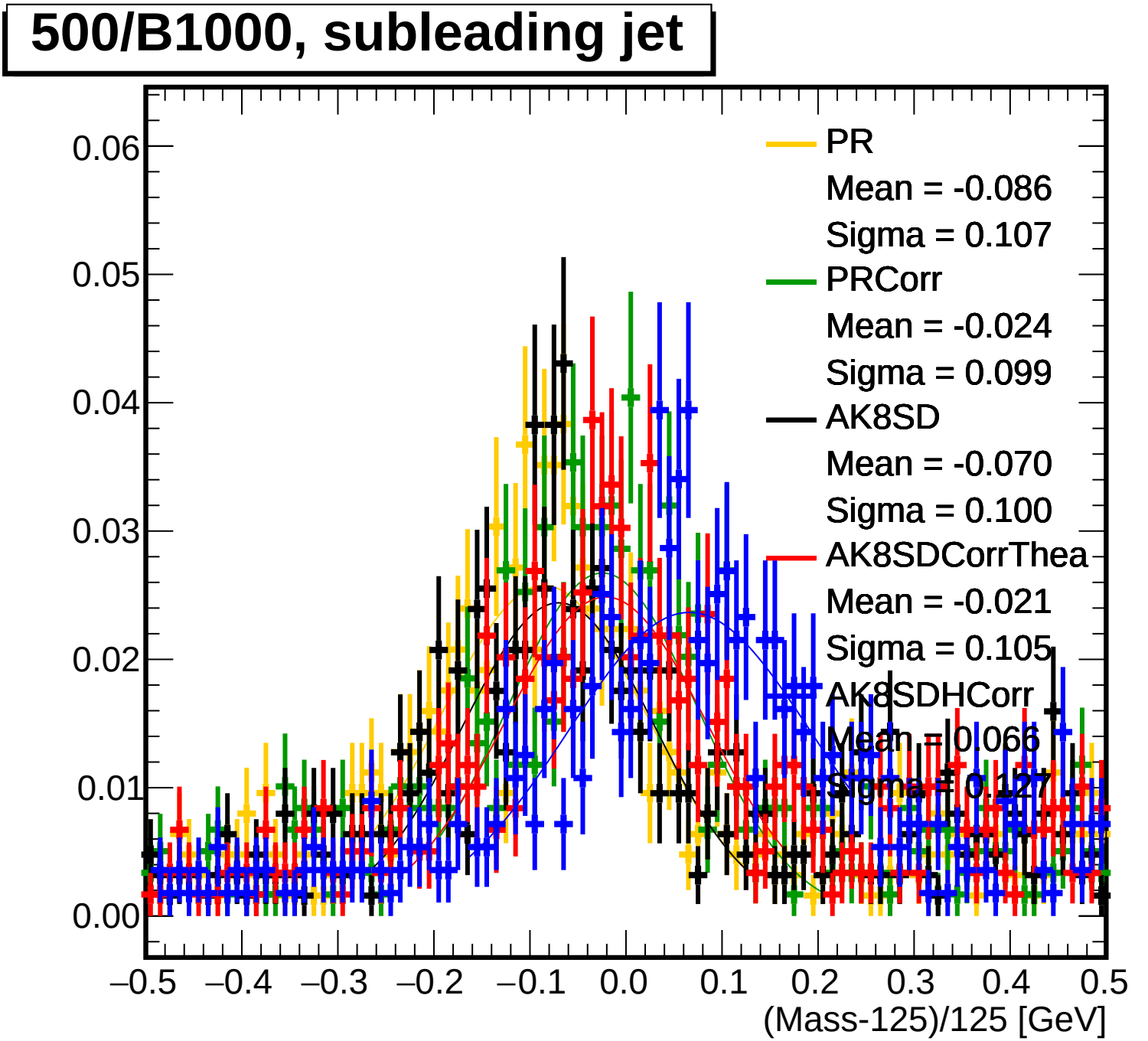
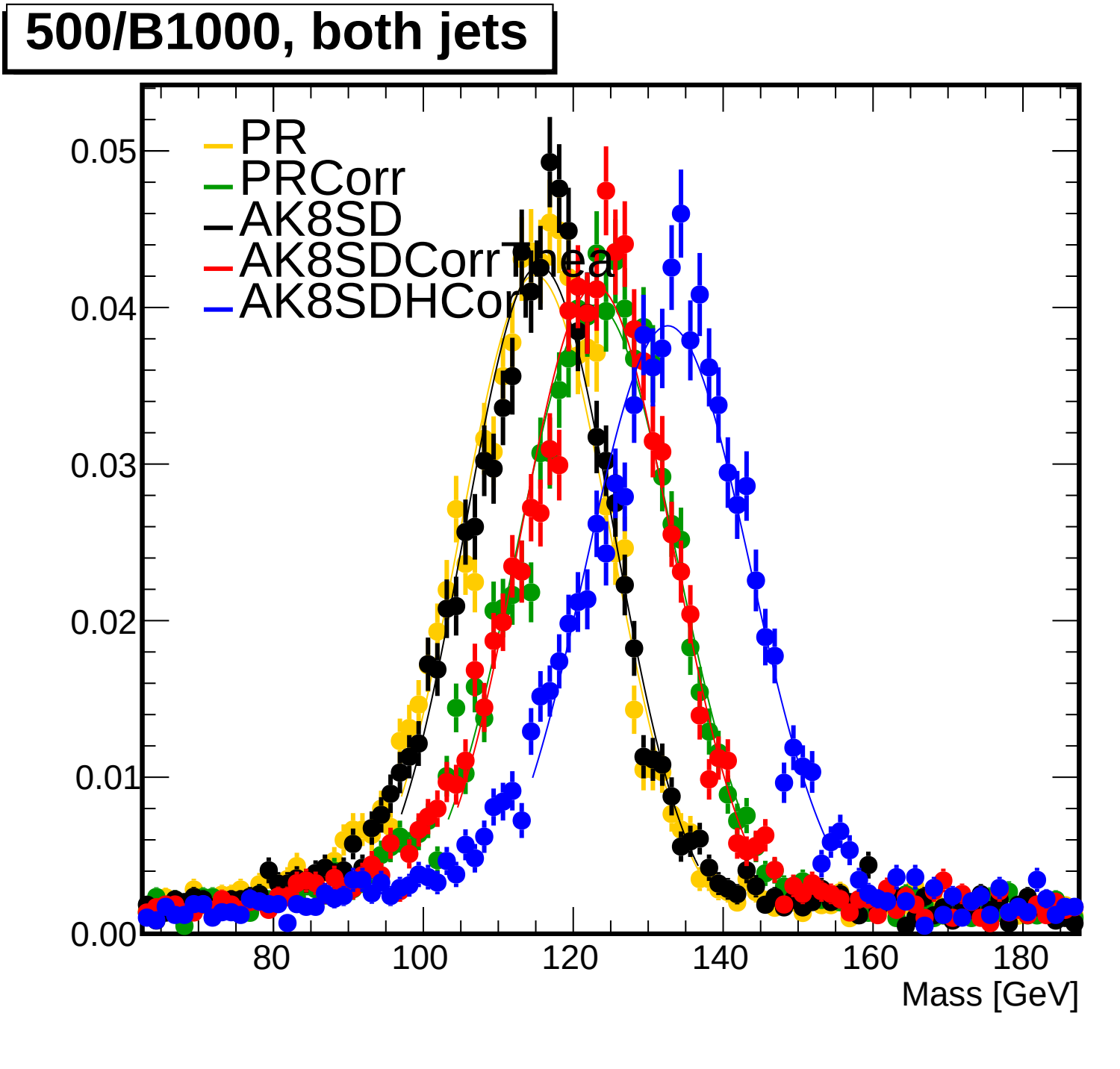
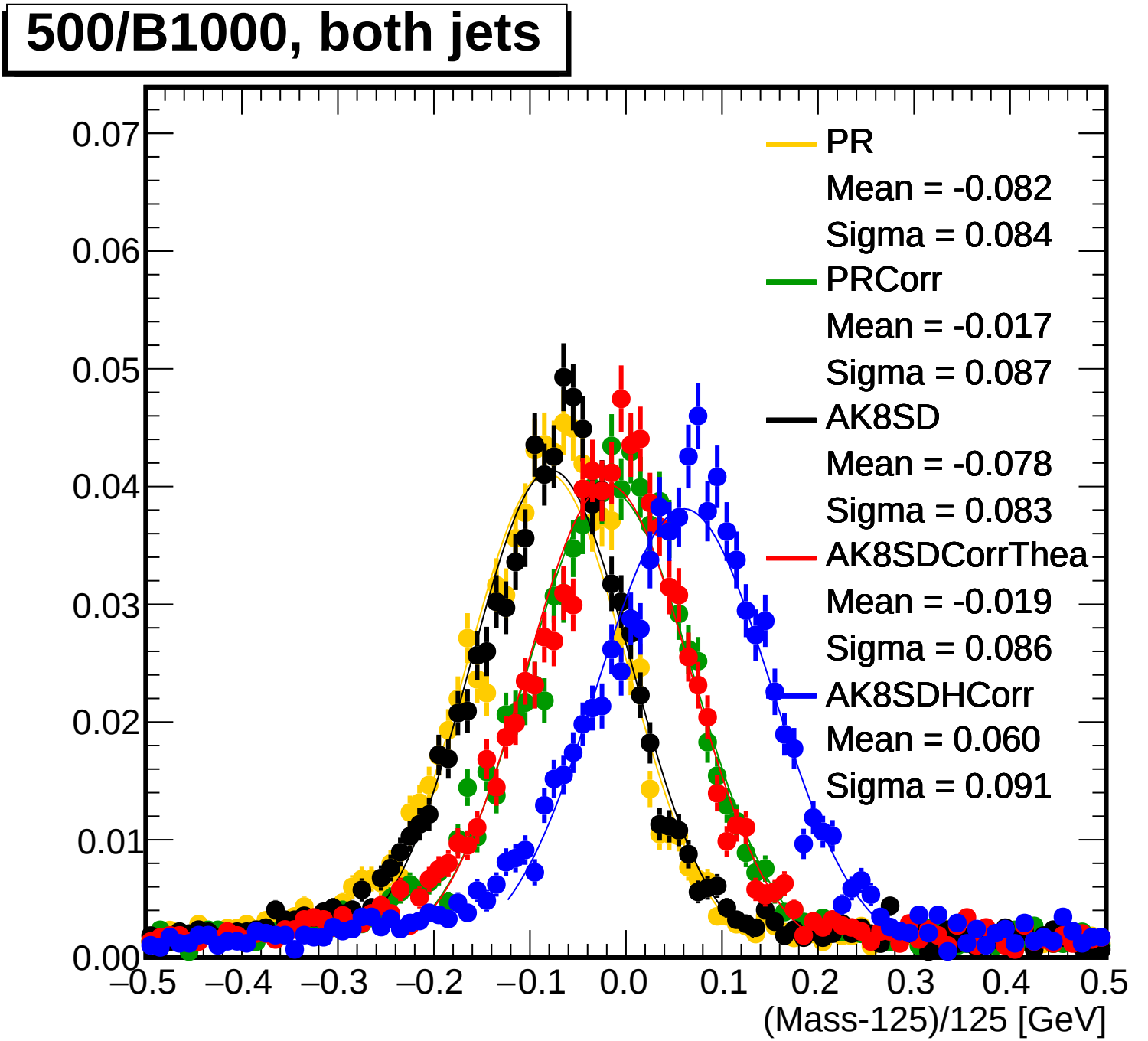

500/B1000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorrl
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

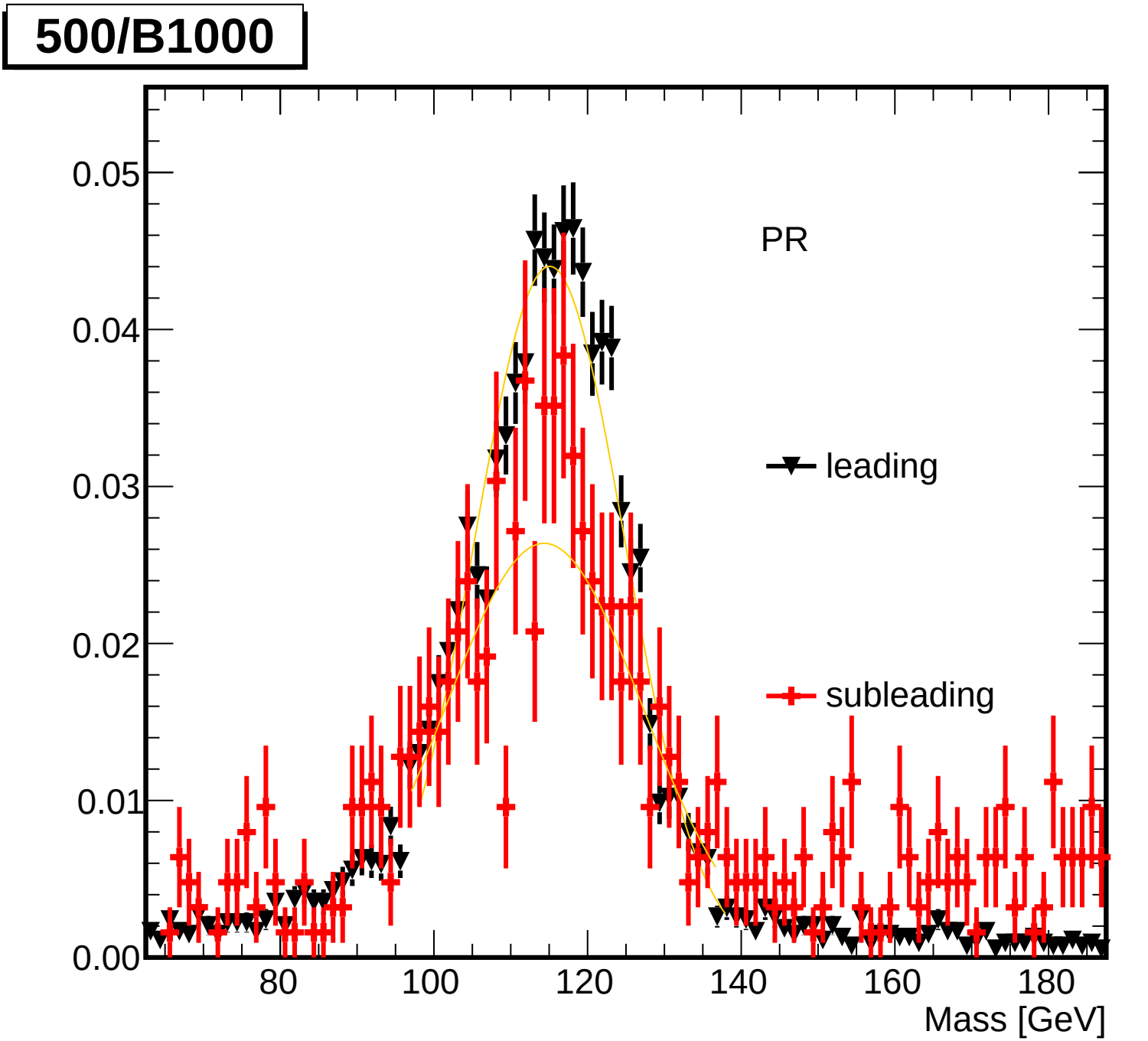

500/B1000, leading jet
PR
Mean = -0.081
Sigma = 0.081
PRCorr
Mean = -0.017
Sigma = 0.086
AK8SD
Mean = -0.078
Sigma = 0.081
AK8SDCorrThea
Mean = -0.019
Sigma = 0.083
AK8SDHCorr
Mean = 0.060
Sigma = 0.089
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

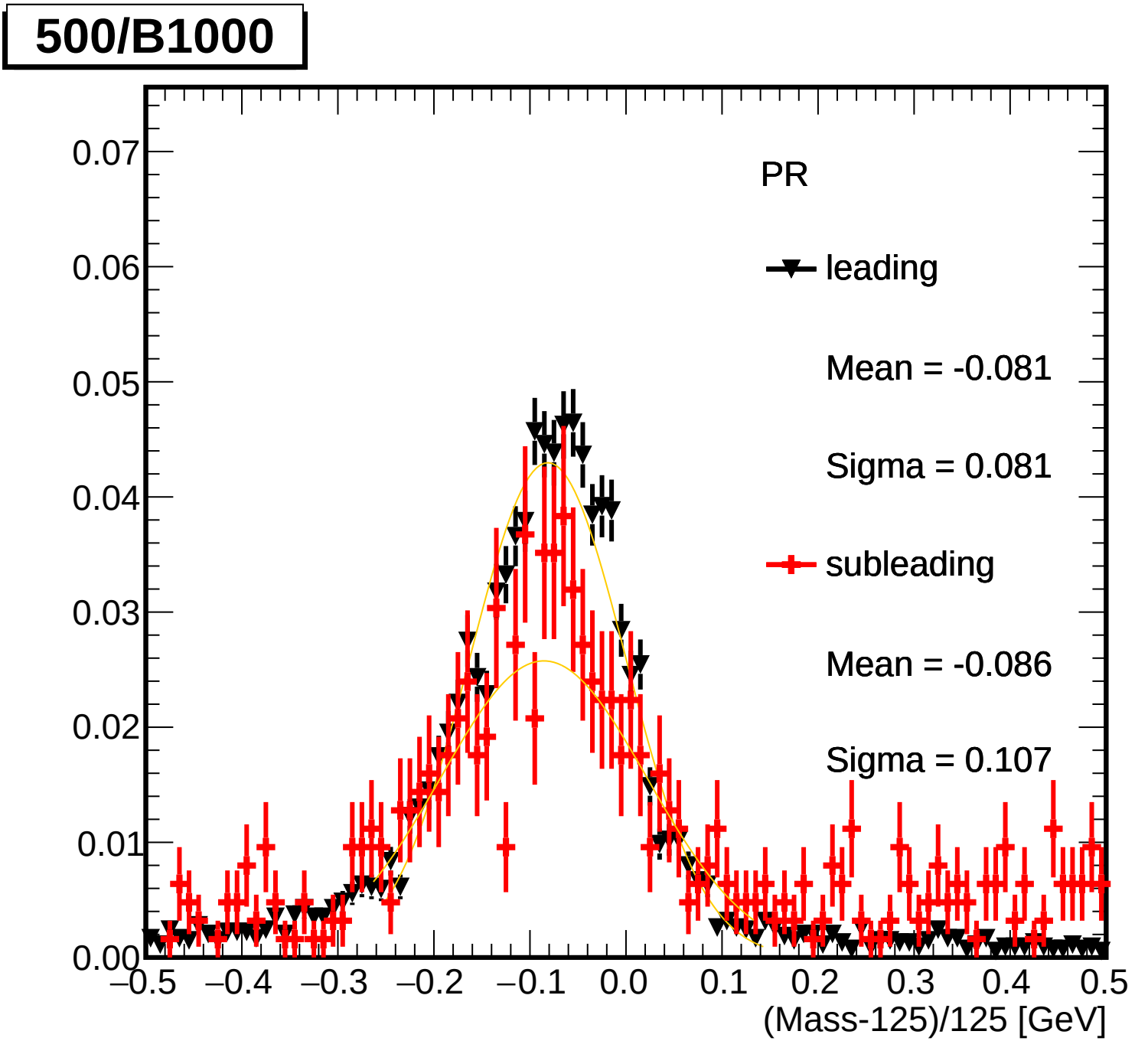

500/B1000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

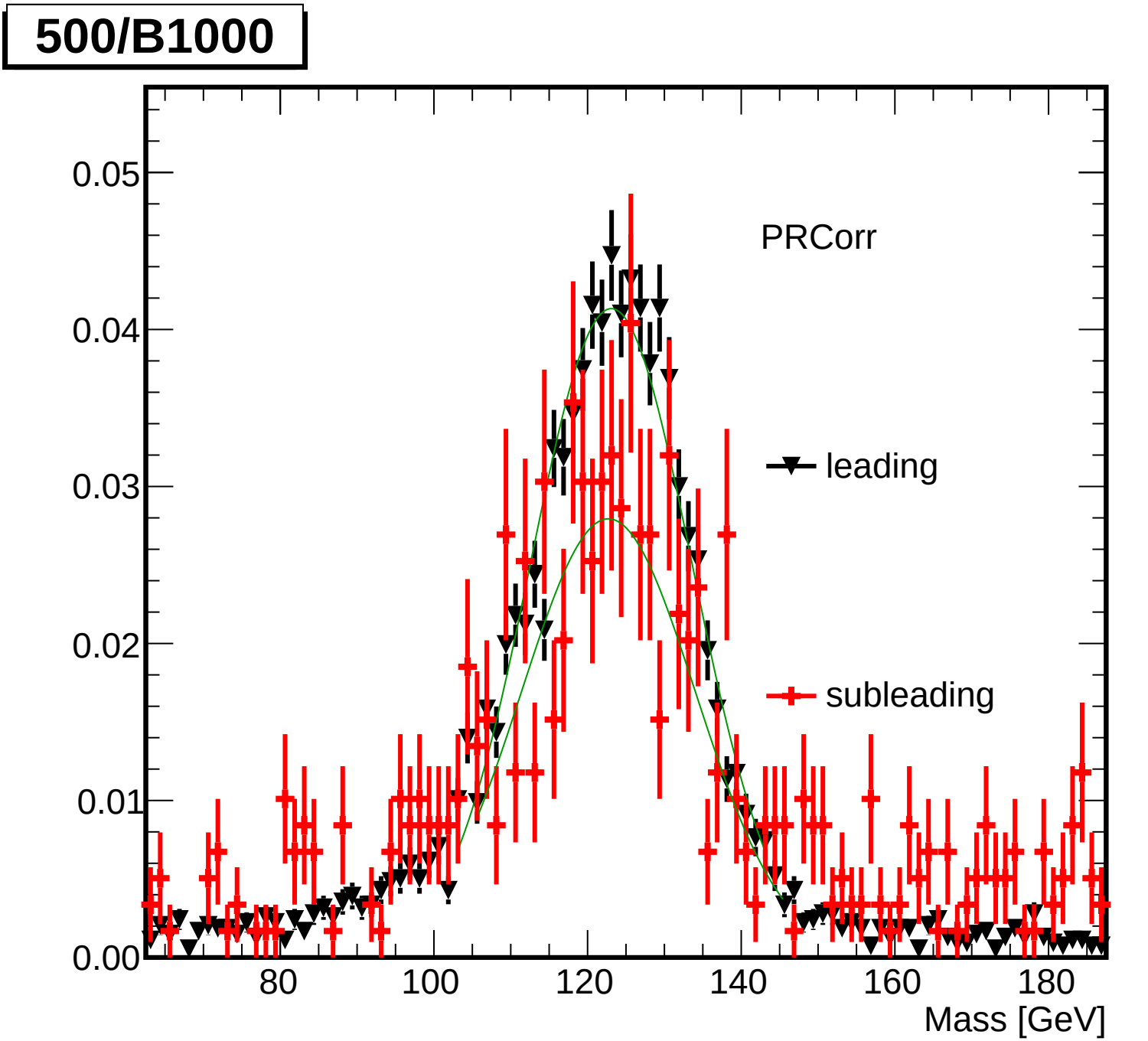

500/B1000, subleading jet
PR
Mean = -0.086
Sigma = 0.107
PRCorr
Mean = -0.024
Sigma = 0.099
AK8SD
Mean = -0.070
Sigma = 0.100
AK8SDCorrThea
Mean = -0.021
Sigma = 0.105
AK8SDHCorr
Mean = 0.066
Sigma = 0.127
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

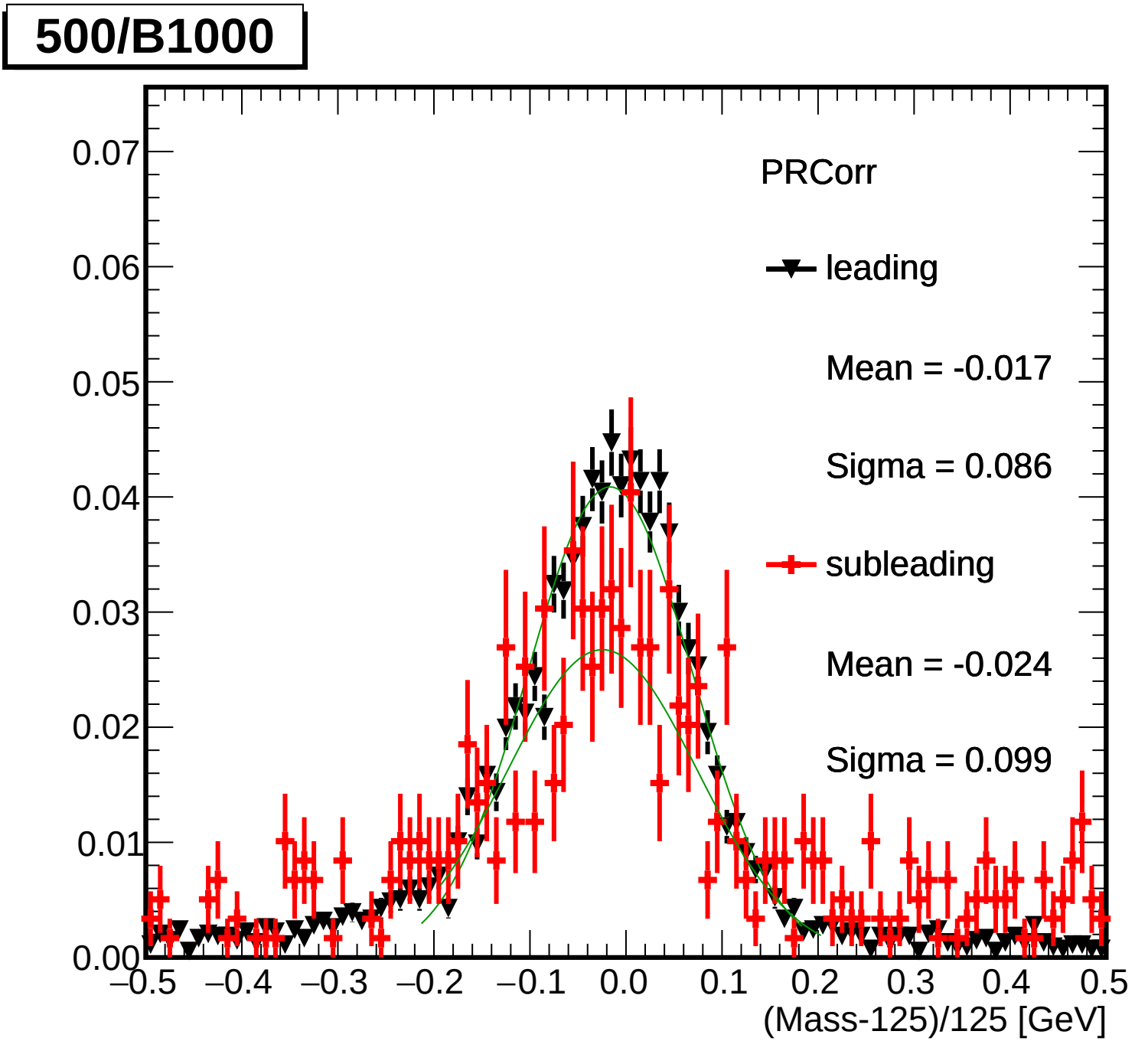

500/B1000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

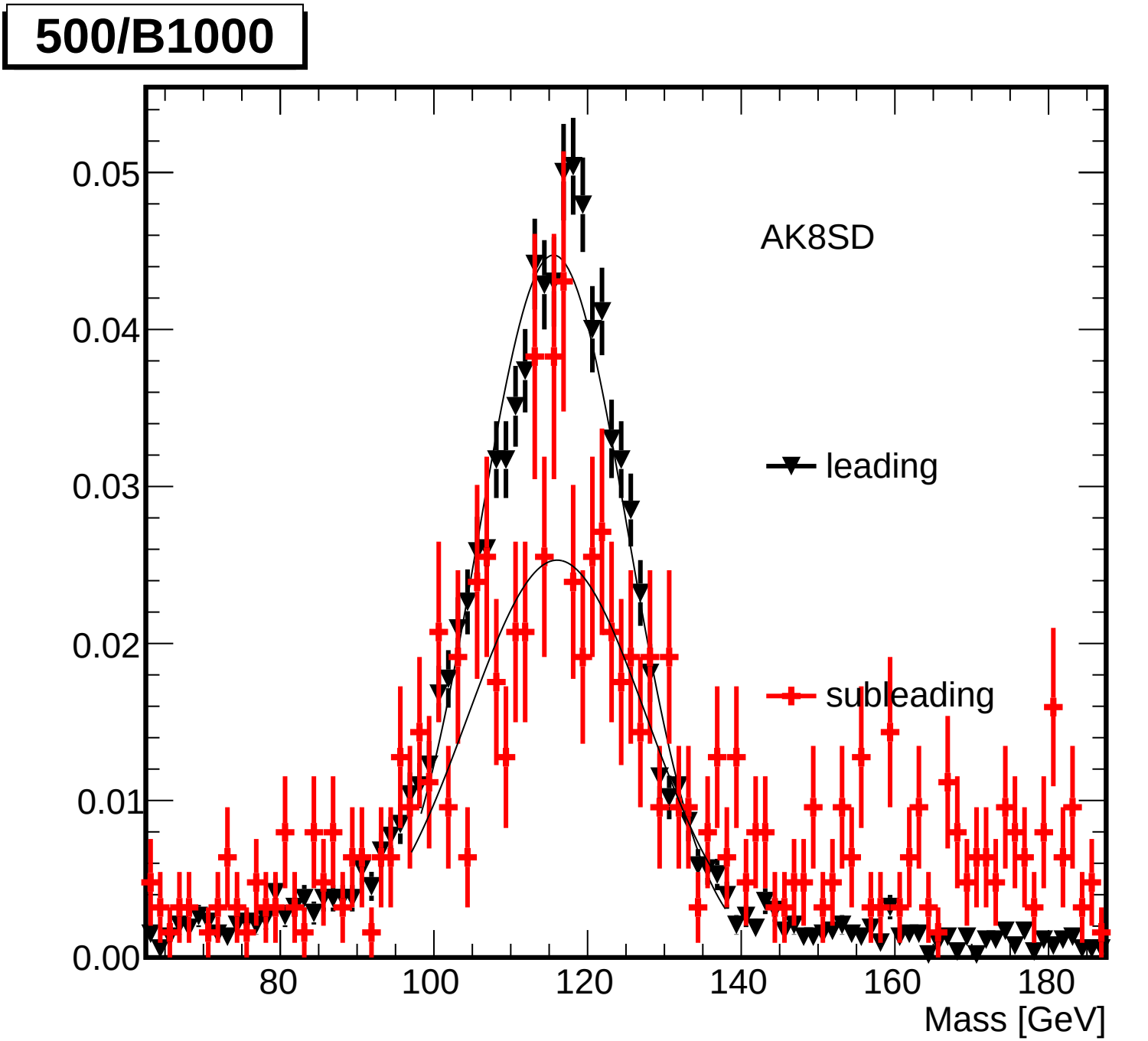

500/B1000, both jets
PR
Mean = -0.082
Sigma = 0.084
PRCorr
Mean = -0.017
Sigma = 0.087
AK8SD
Mean = -0.078
Sigma = 0.083
AK8SDCorrThea
Mean = -0.019
Sigma = 0.086
AK8SDHCorr
Mean = 0.060
Sigma = 0.091
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

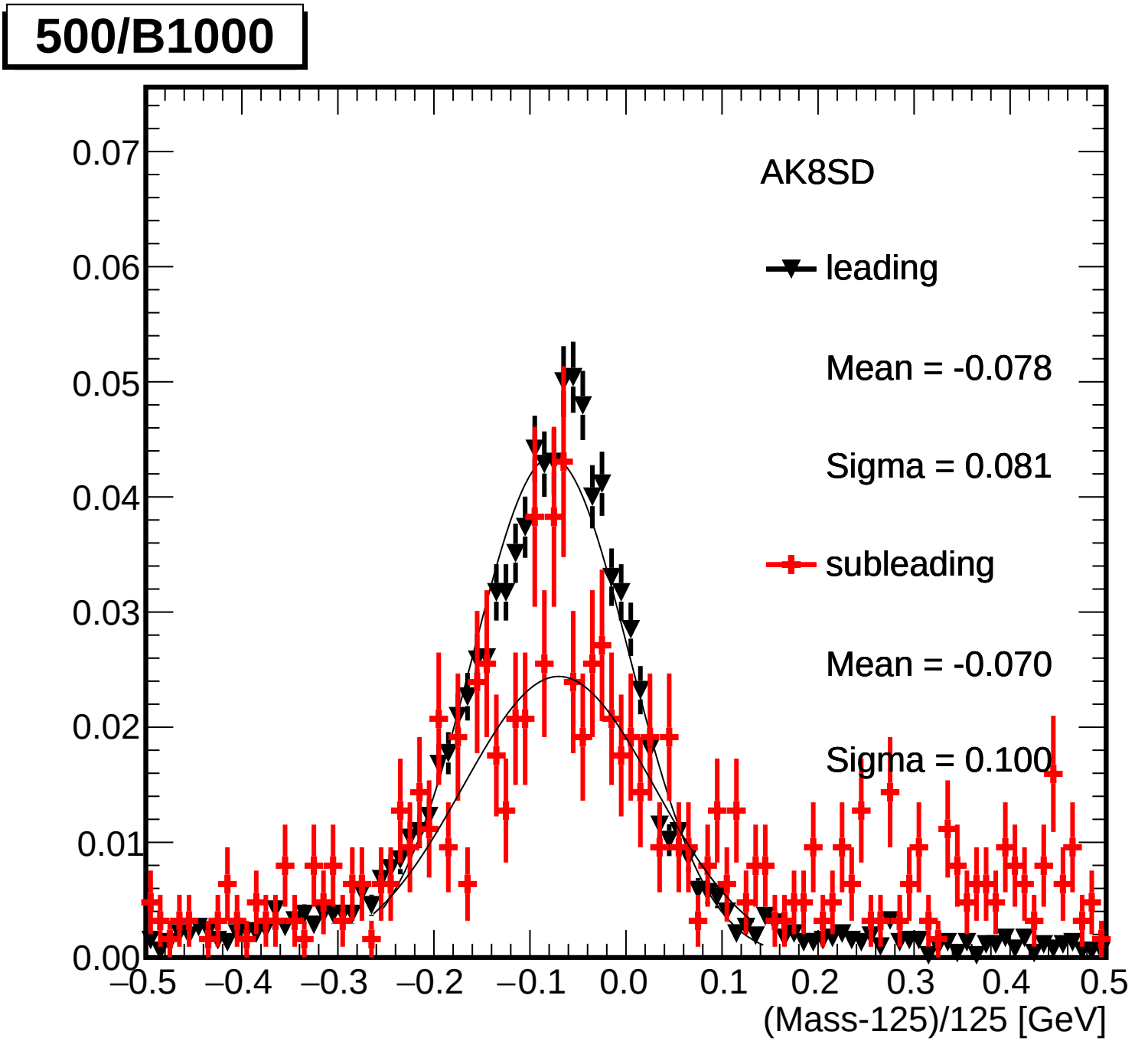

500/B1000
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

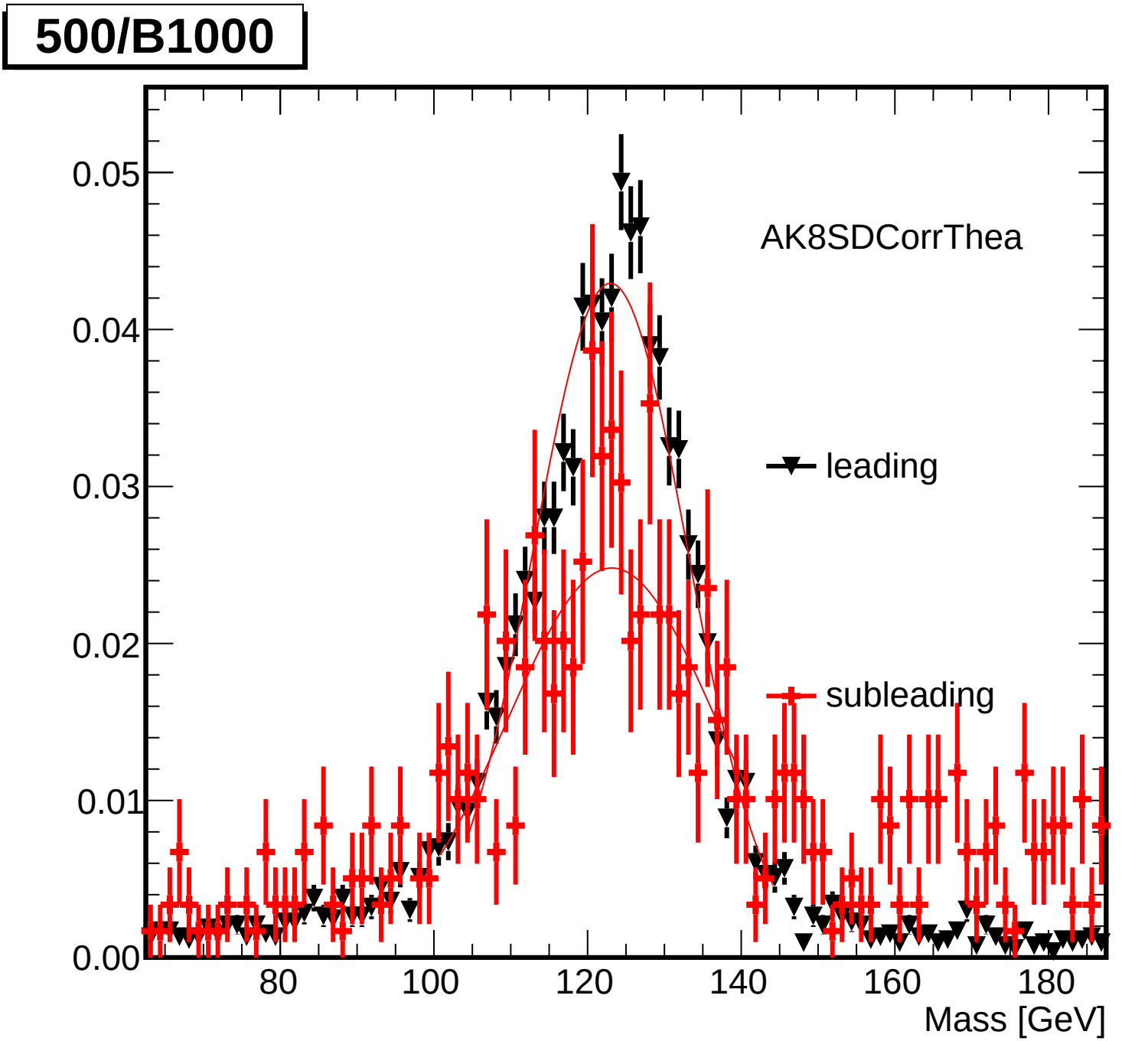

500/B1000
PR
leading
Mean = -0.081
Sigma = 0.081
subleading
Mean = -0.086
Sigma = 0.107
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

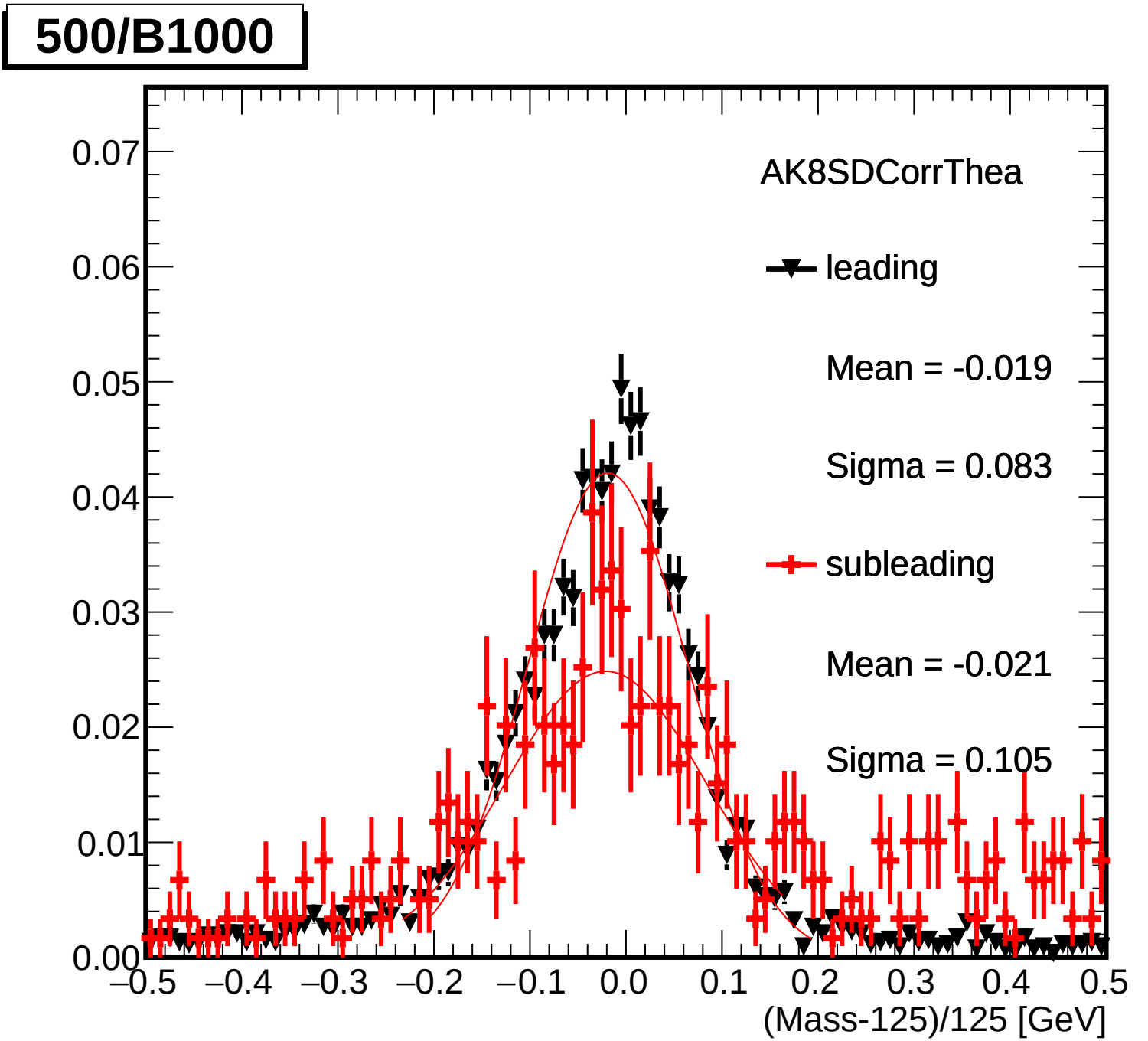

500/B1000
PRCorr
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

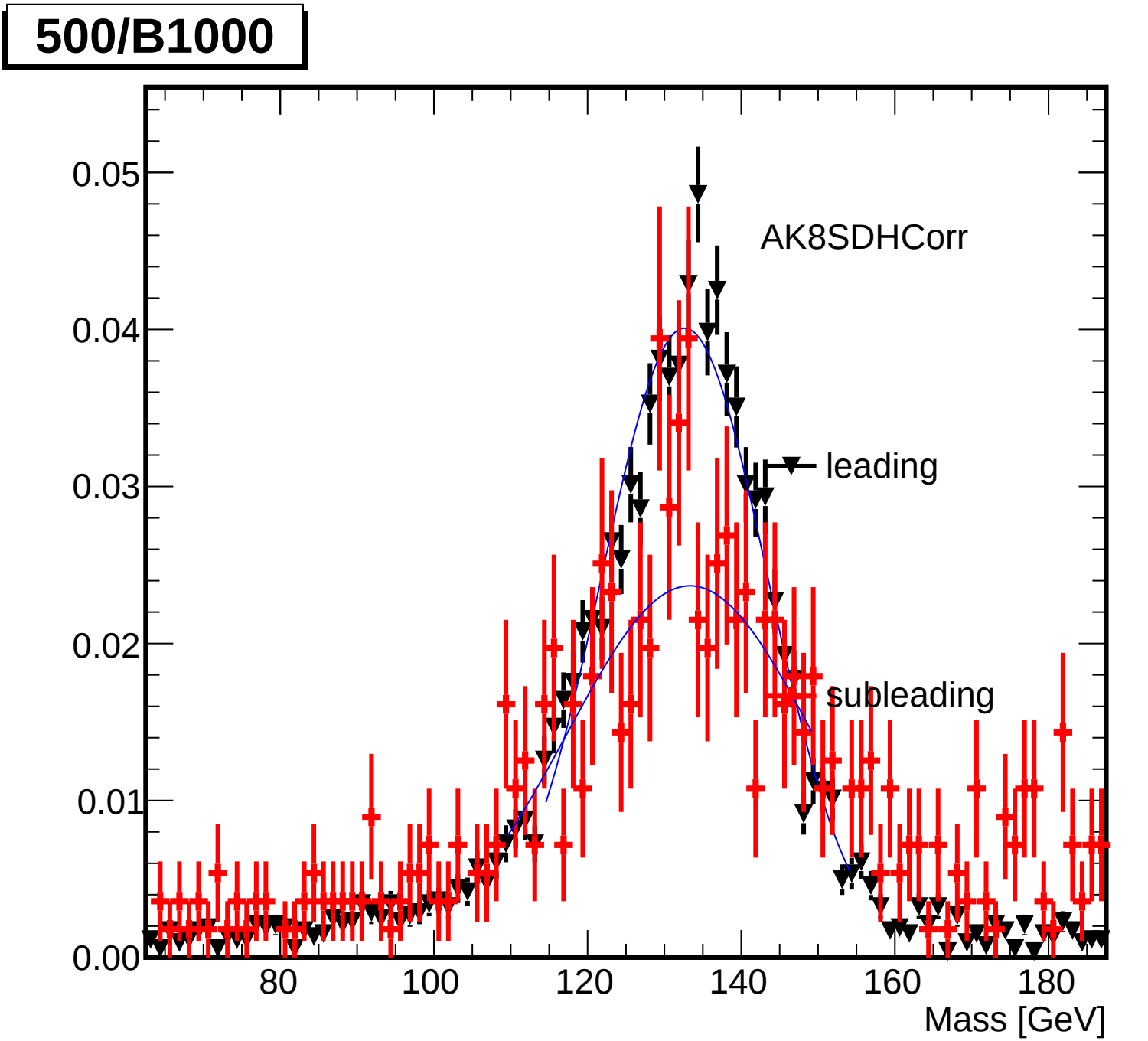

500/B1000
PRCorr
leading
Mean = -0.017
Sigma = 0.086
subleading
Mean = -0.024
Sigma = 0.099
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

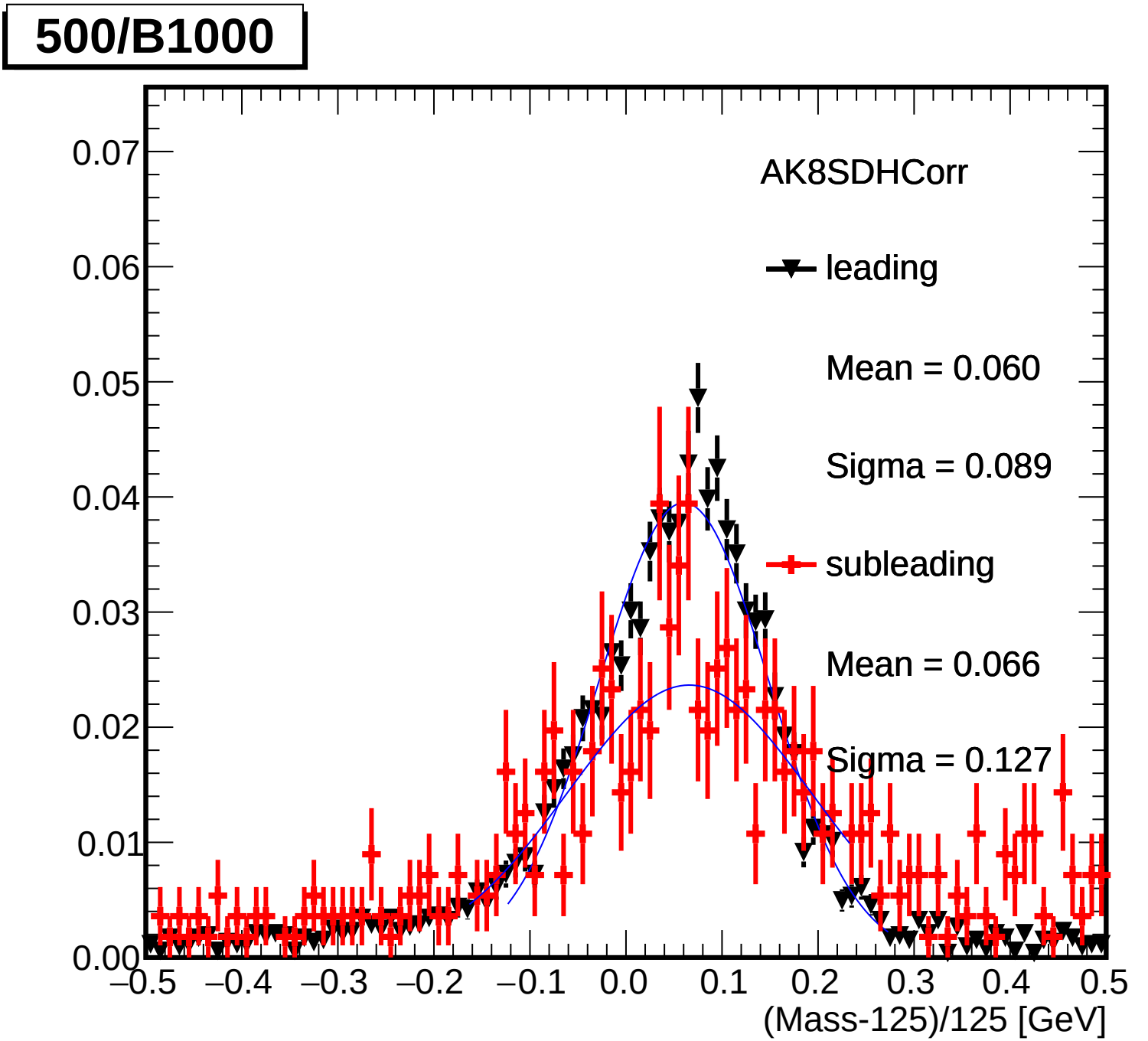

500/B1000
AK8SD
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1000
AK8SD
leading
Mean = -0.078
Sigma = 0.081
subleading
Mean = -0.070
Sigma = 0.100
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
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1000
AK8SDCorrThea
leading
Mean = -0.019
Sigma = 0.083
subleading
Mean = -0.021
Sigma = 0.105
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
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1000
AK8SDHCorr
leading
Mean = 0.060
Sigma = 0.089
subleading
Mean = 0.066
Sigma = 0.127
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]