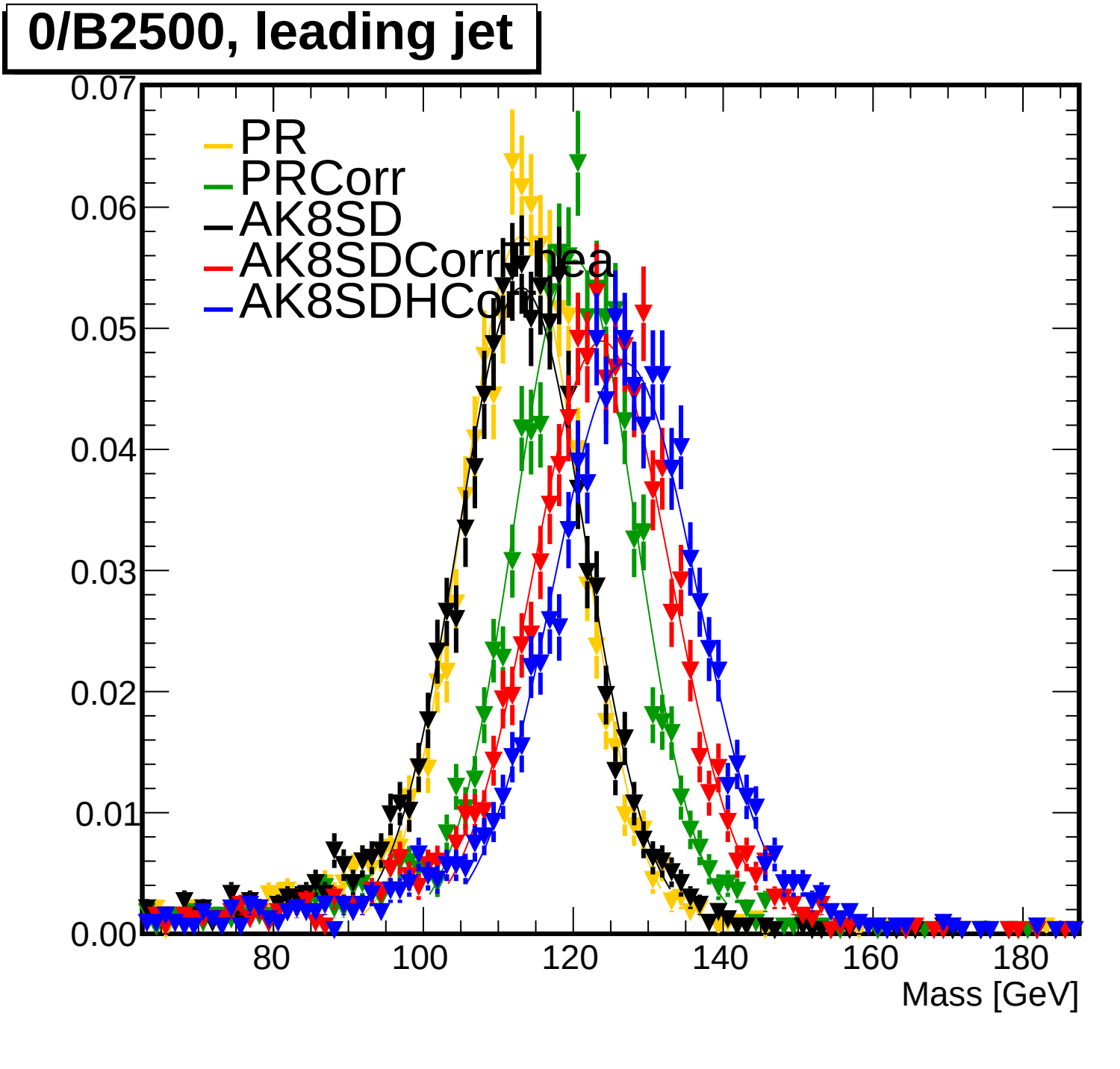
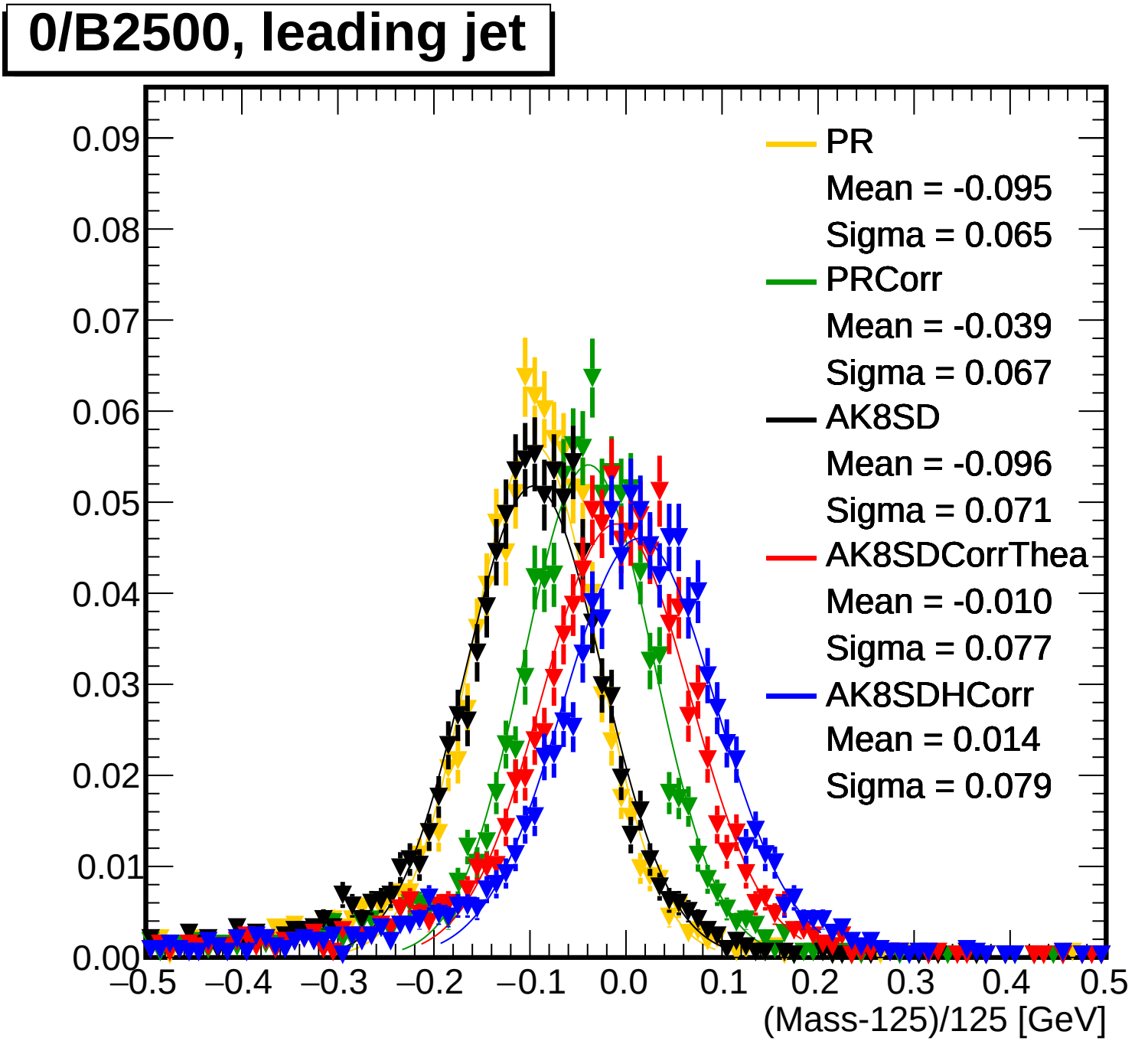
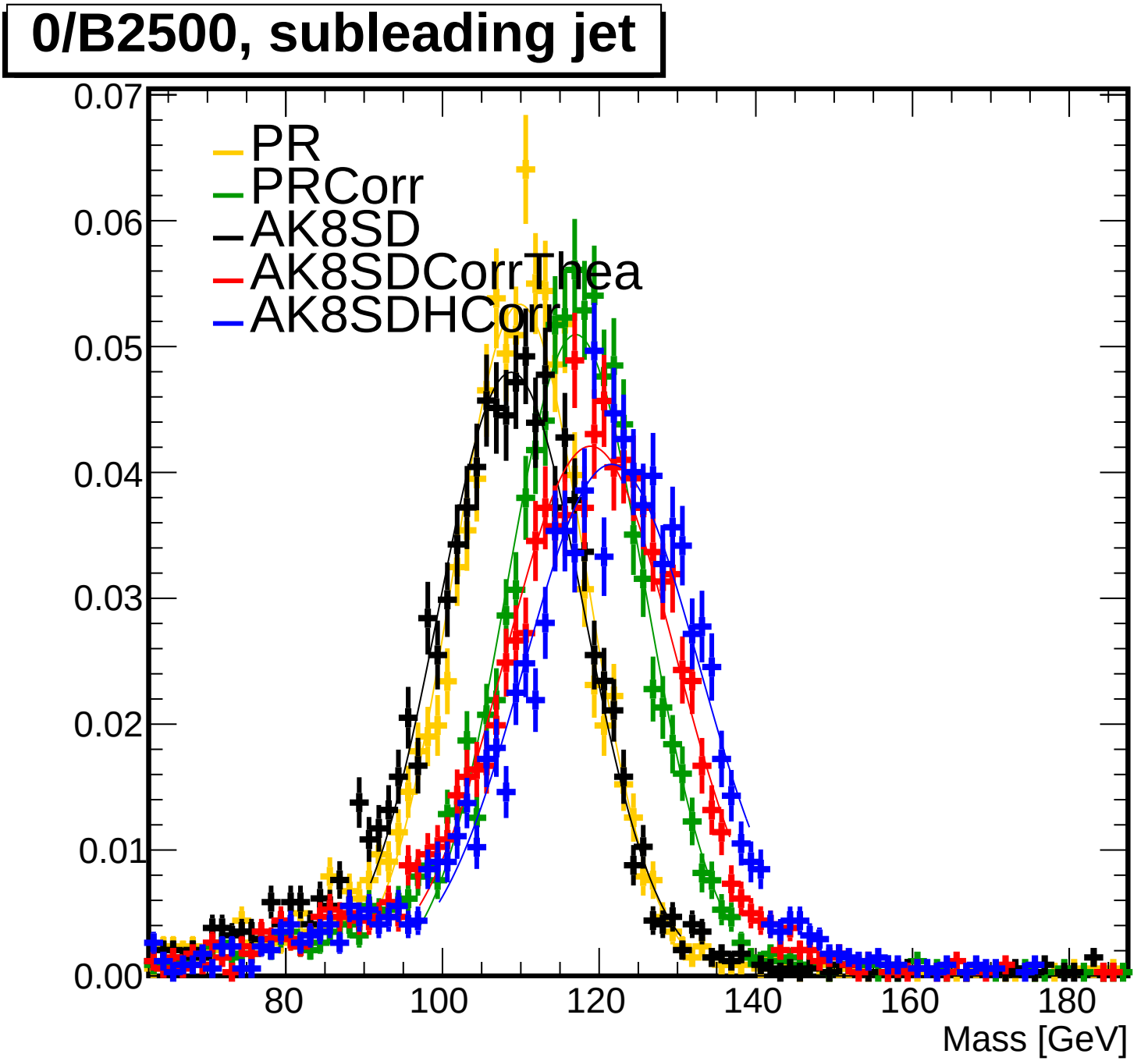
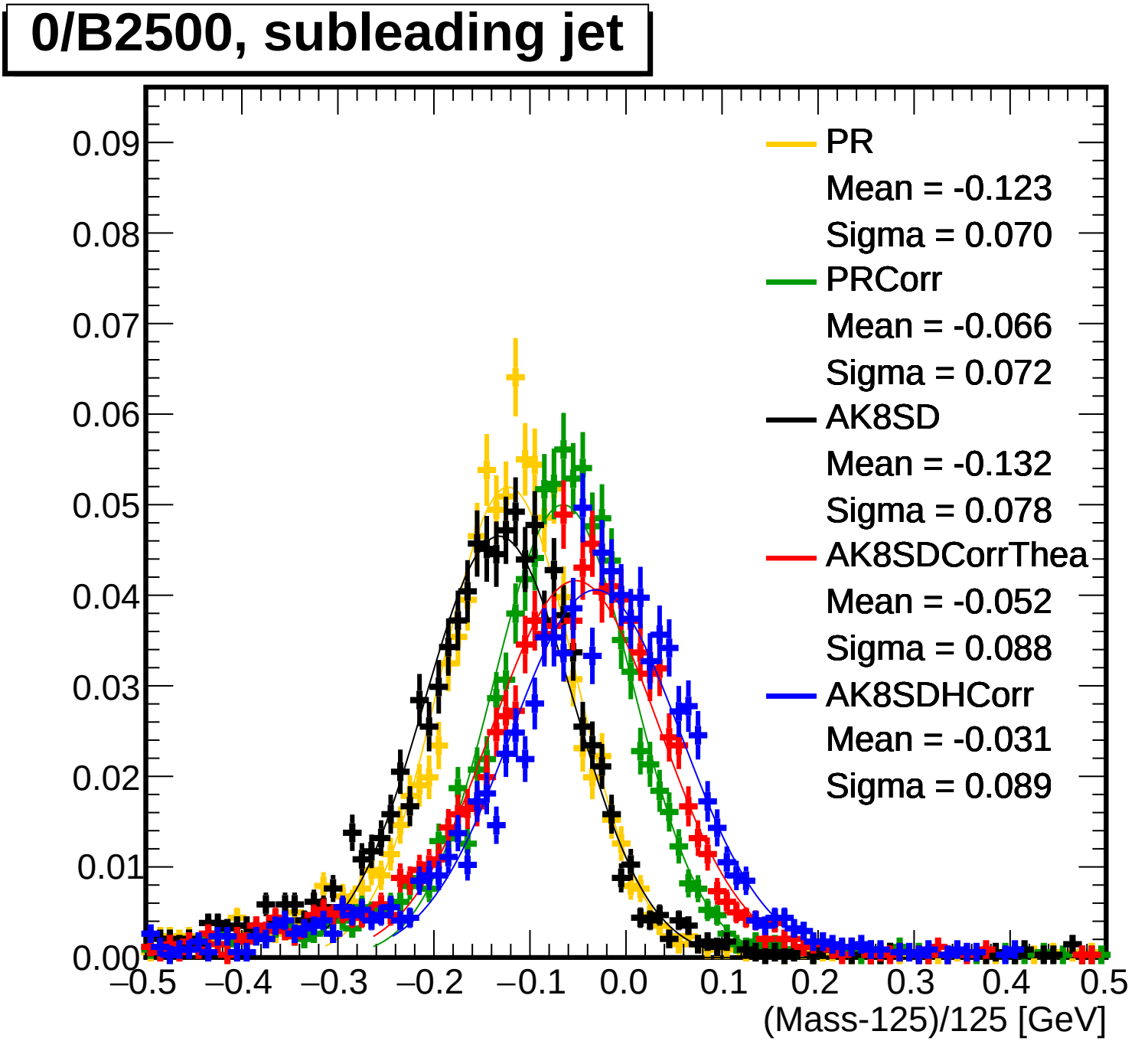
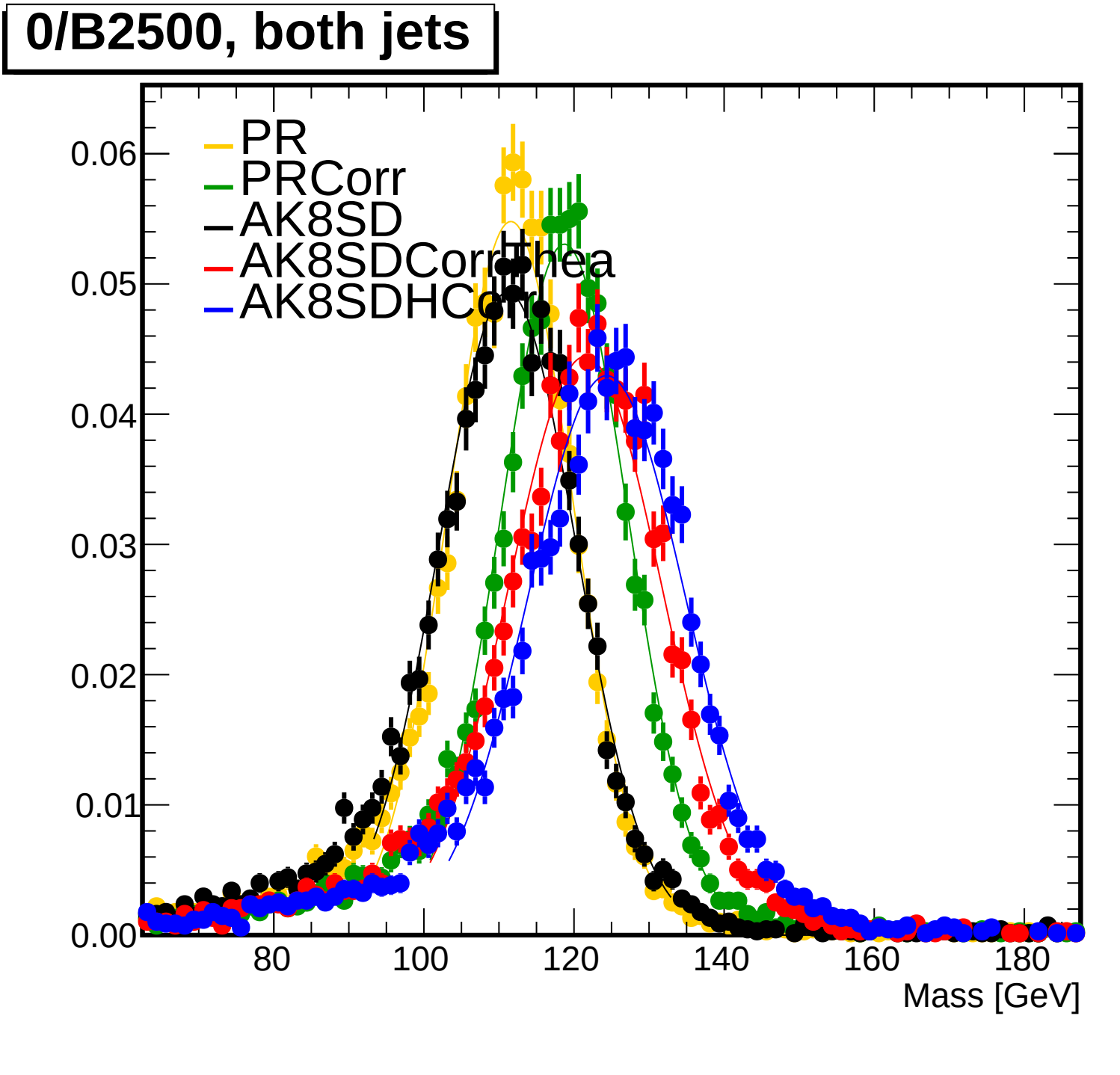
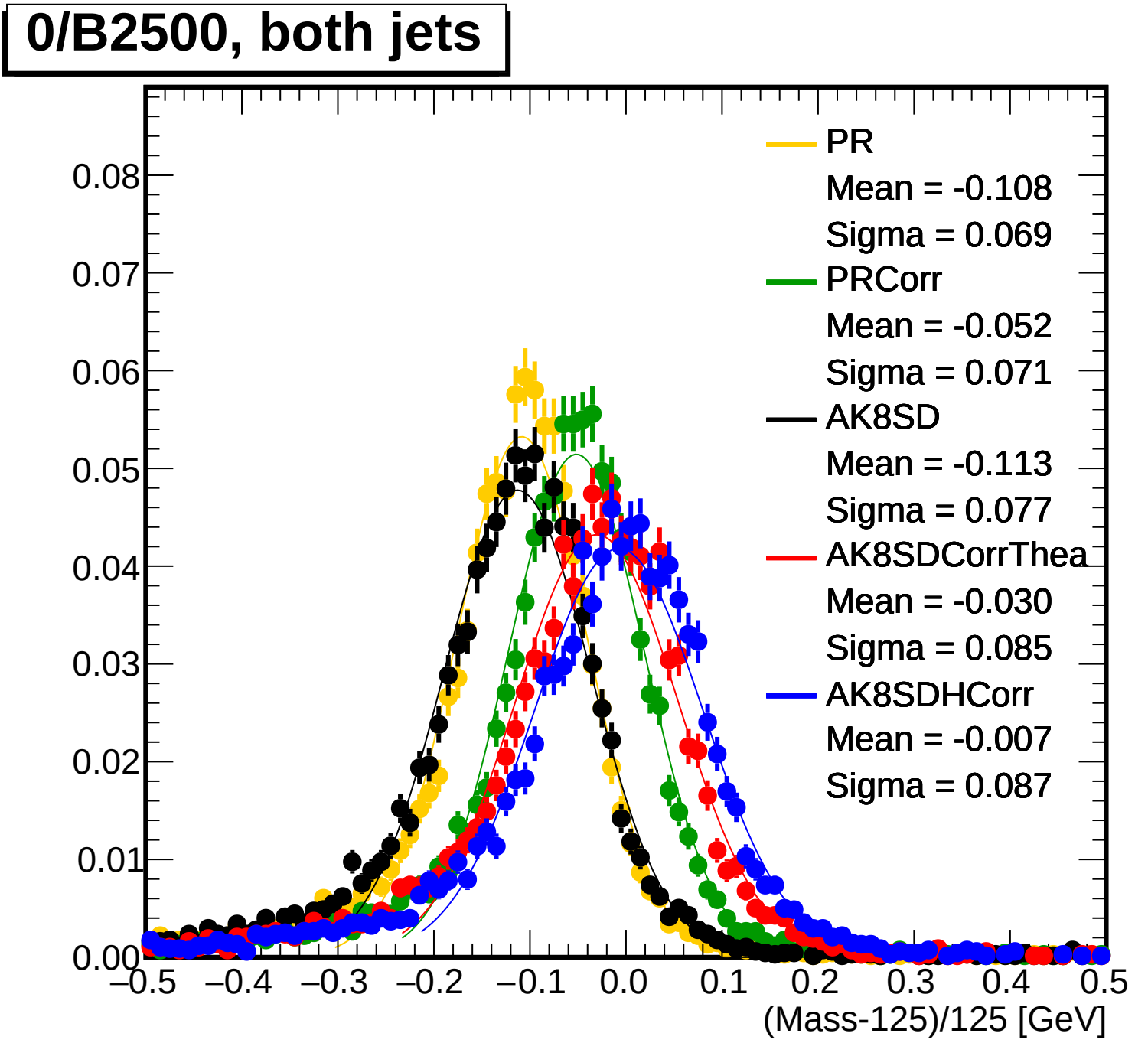

0/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorr
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

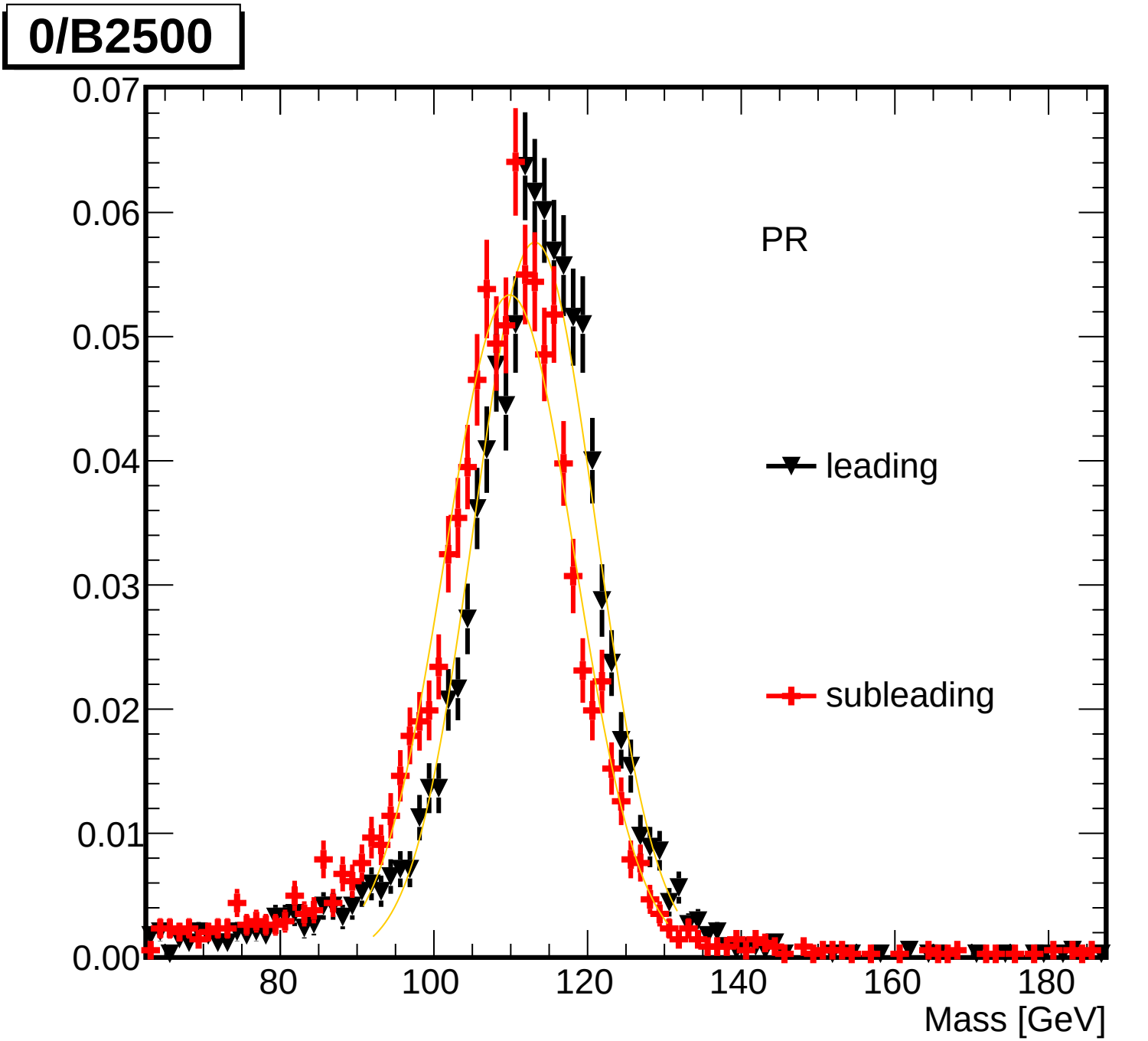

0/B2500, leading jet
PR
Mean = -0.095
Sigma = 0.065
PRCorr
Mean = -0.039
Sigma = 0.067
AK8SD
Mean = -0.096
Sigma = 0.071
AK8SDCorrThea
Mean = -0.010
Sigma = 0.077
AK8SDHCorr
Mean = 0.014
Sigma = 0.079
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

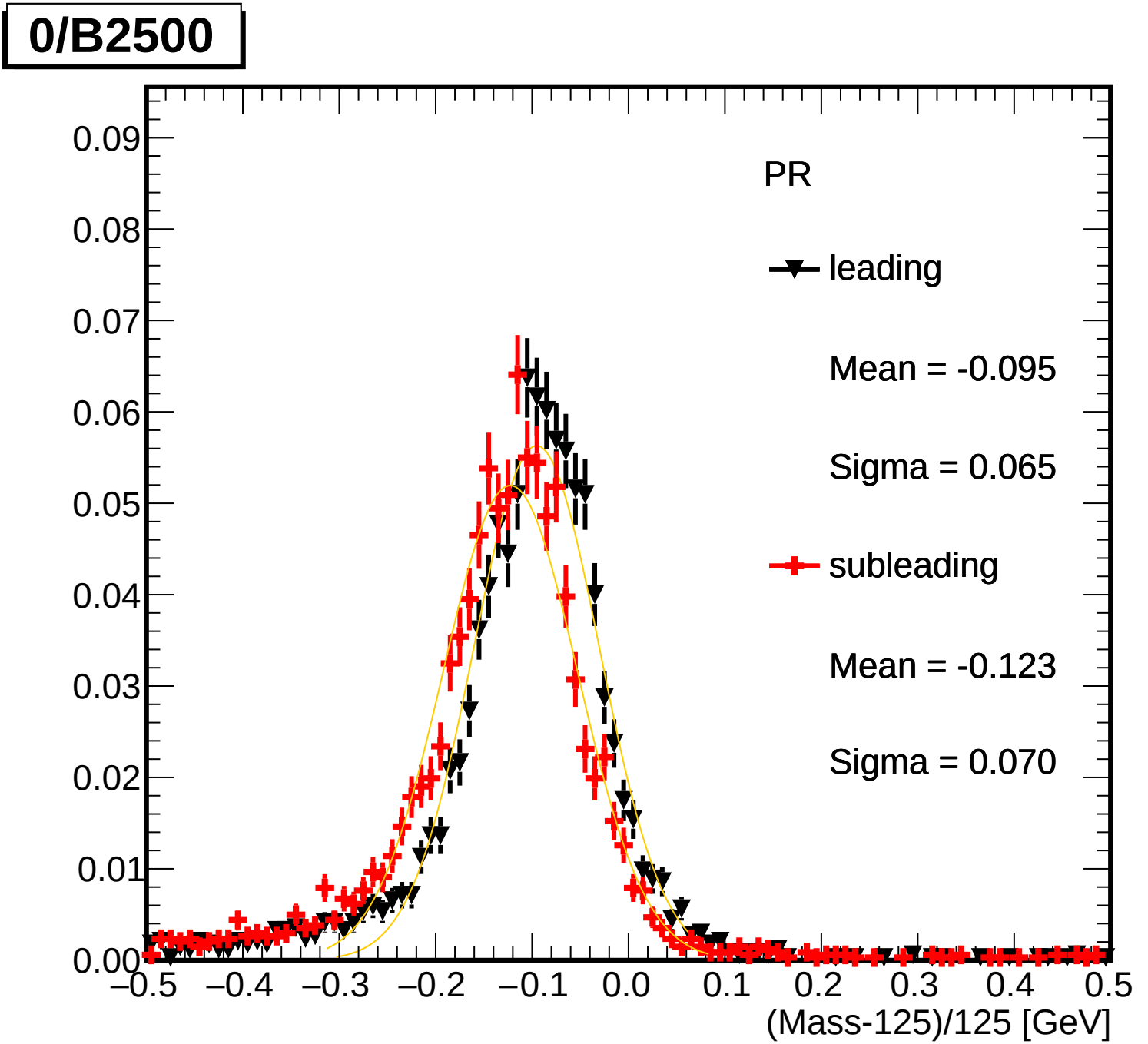

0/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

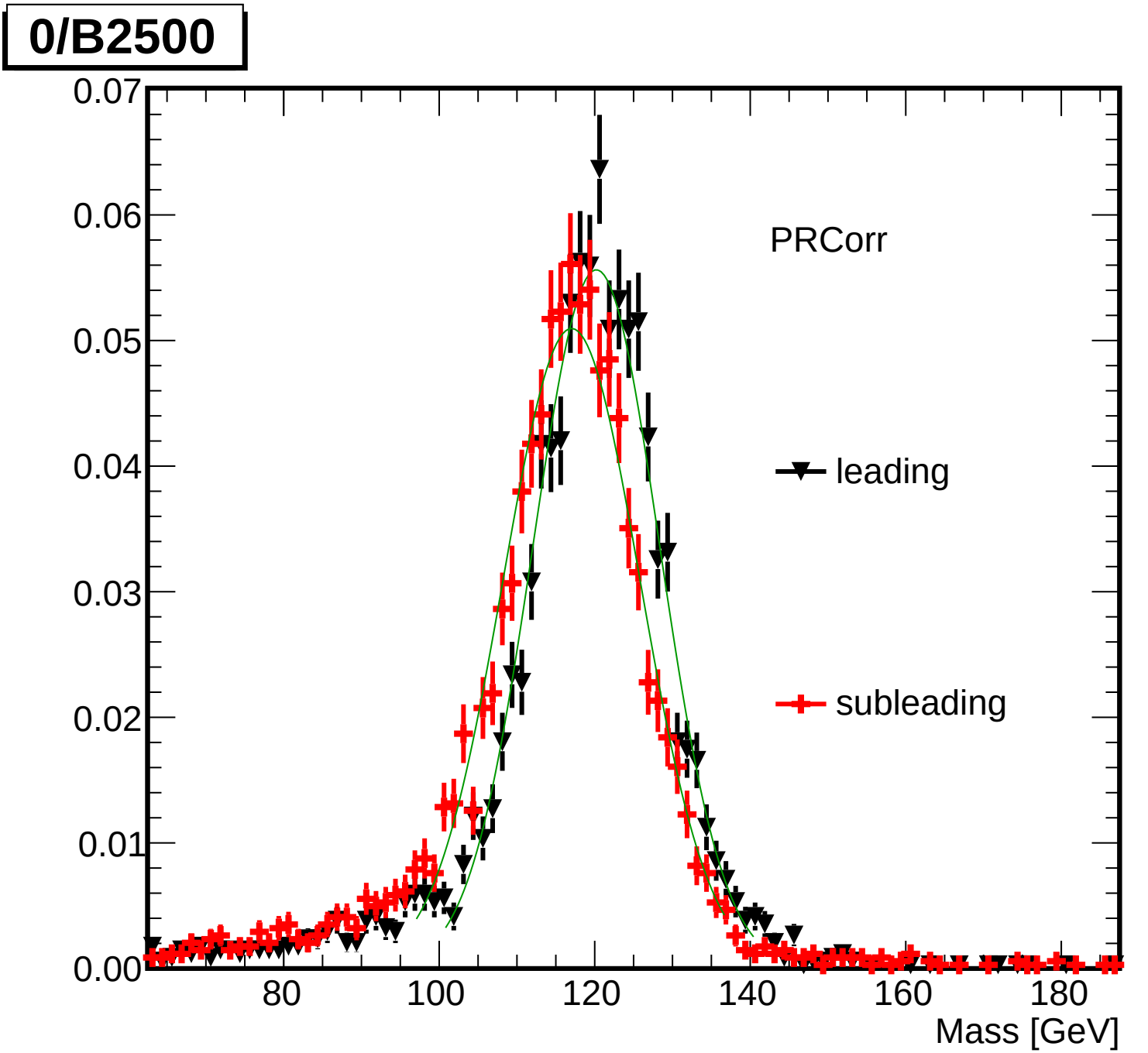

0/B2500, subleading jet
PR
Mean = -0.123
Sigma = 0.070
PRCorr
Mean = -0.066
Sigma = 0.072
AK8SD
Mean = -0.132
Sigma = 0.078
AK8SDCorrThea
Mean = -0.052
Sigma = 0.088
AK8SDHCorr
Mean = -0.031
Sigma = 0.089
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

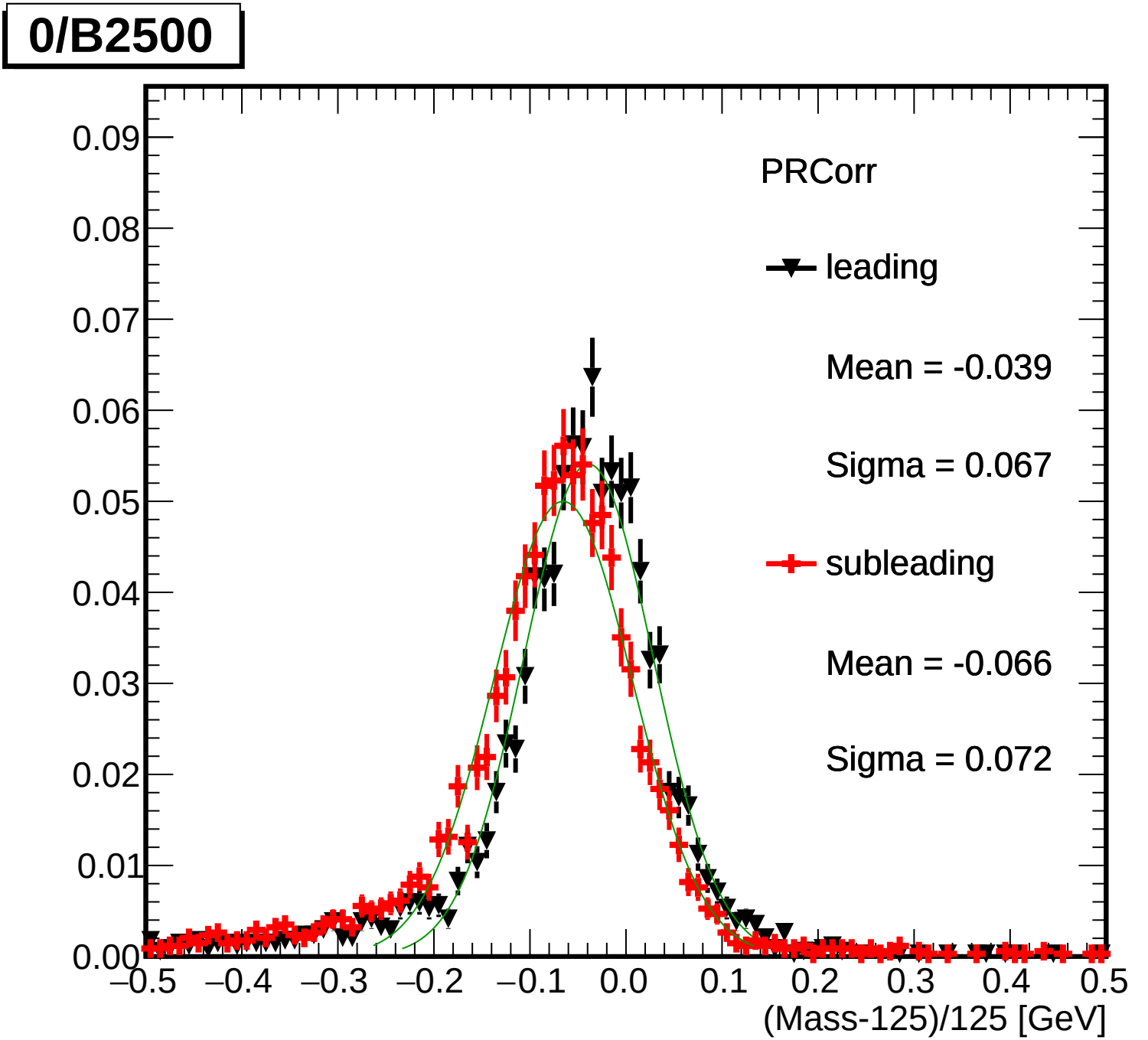

0/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

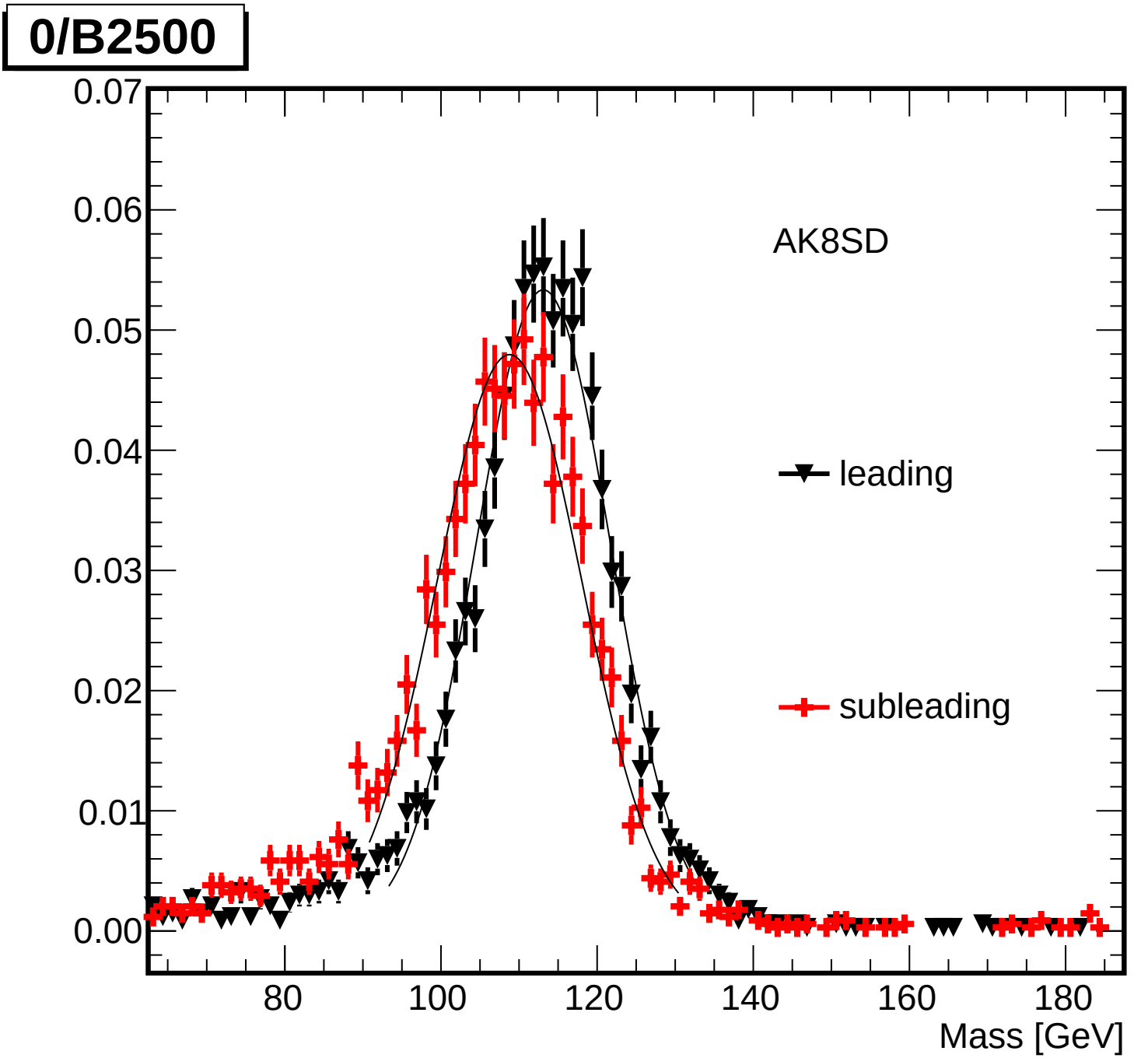

0/B2500, both jets
PR
Mean = -0.108
Sigma = 0.069
PRCorr
Mean = -0.052
Sigma = 0.071
AK8SD
Mean = -0.113
Sigma = 0.077
AK8SDCorrThea
Mean = -0.030
Sigma = 0.085
AK8SDHCorr
Mean = -0.007
Sigma = 0.087
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

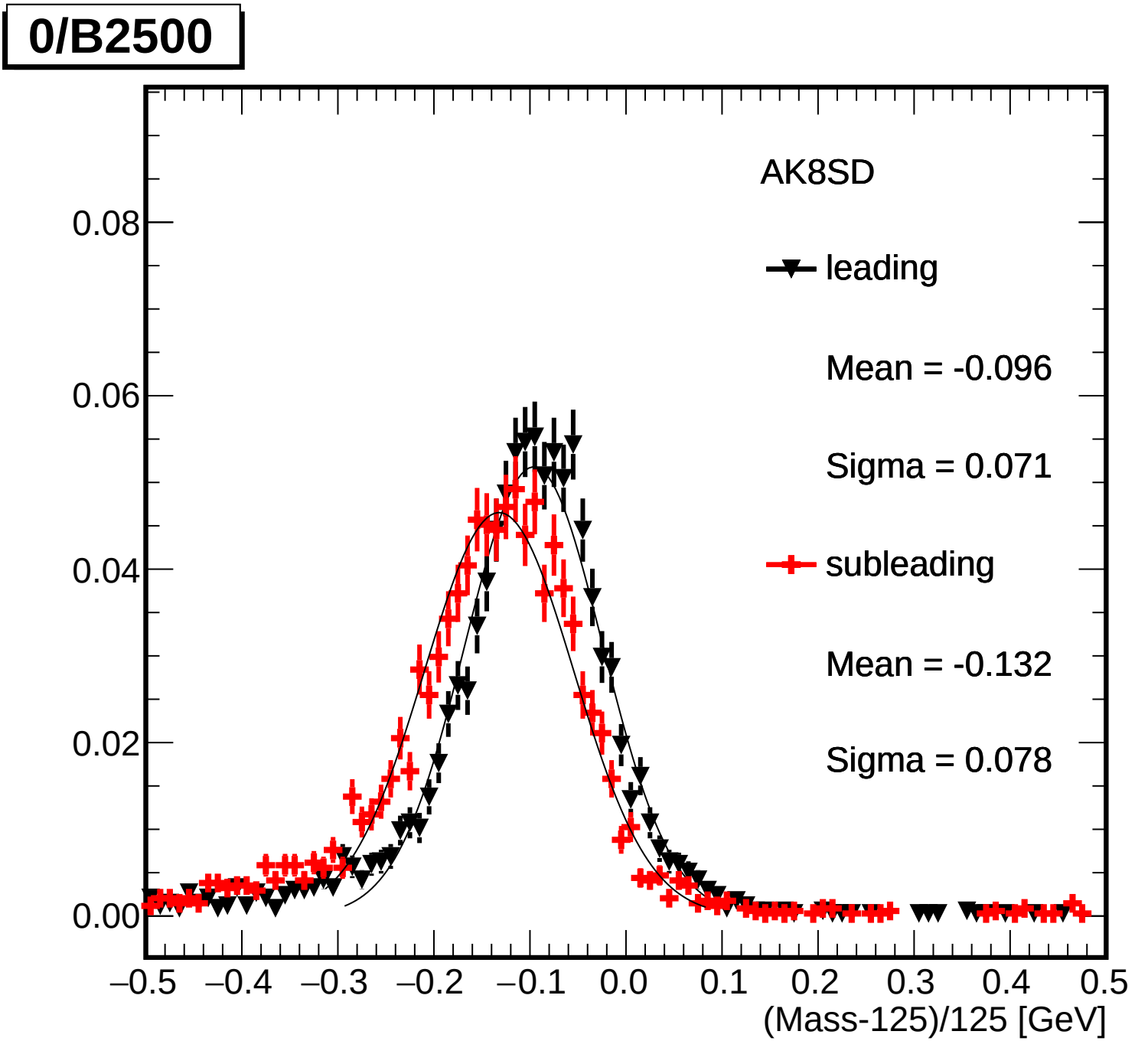

0/B2500
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

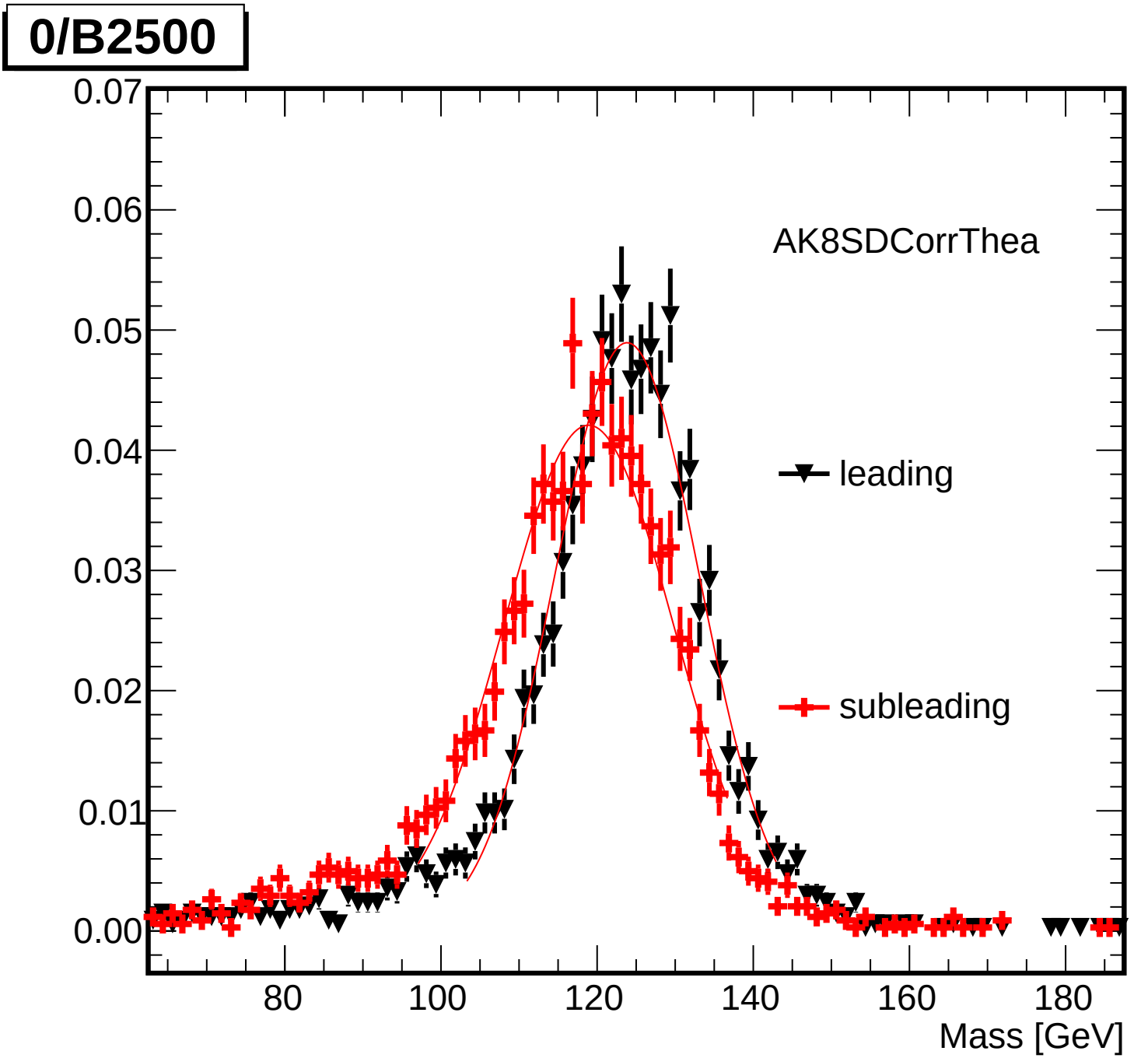

0/B2500
PR
leading
Mean = -0.095
Sigma = 0.065
subleading
Mean = -0.123
Sigma = 0.070
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

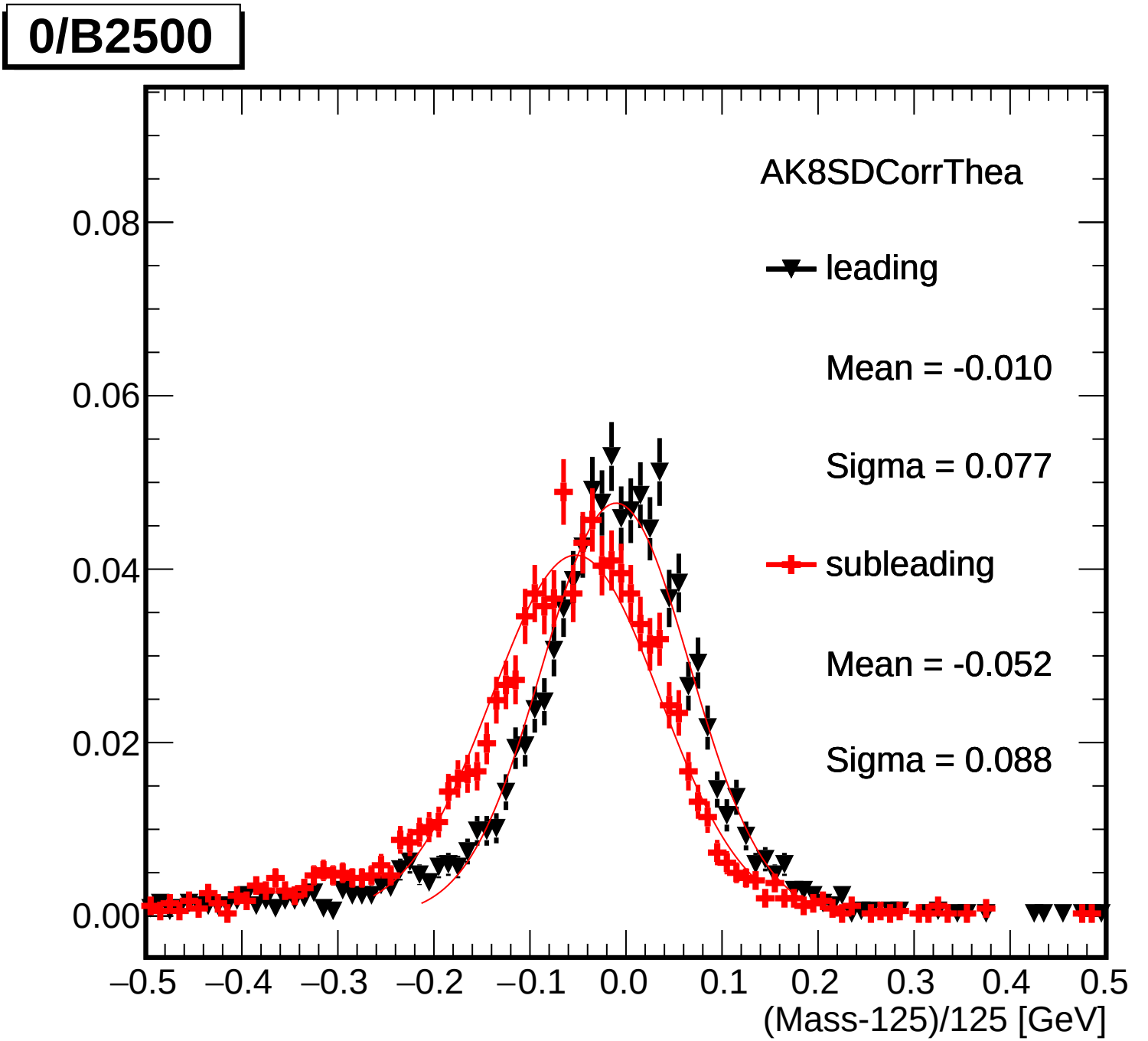

0/B2500
PRCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

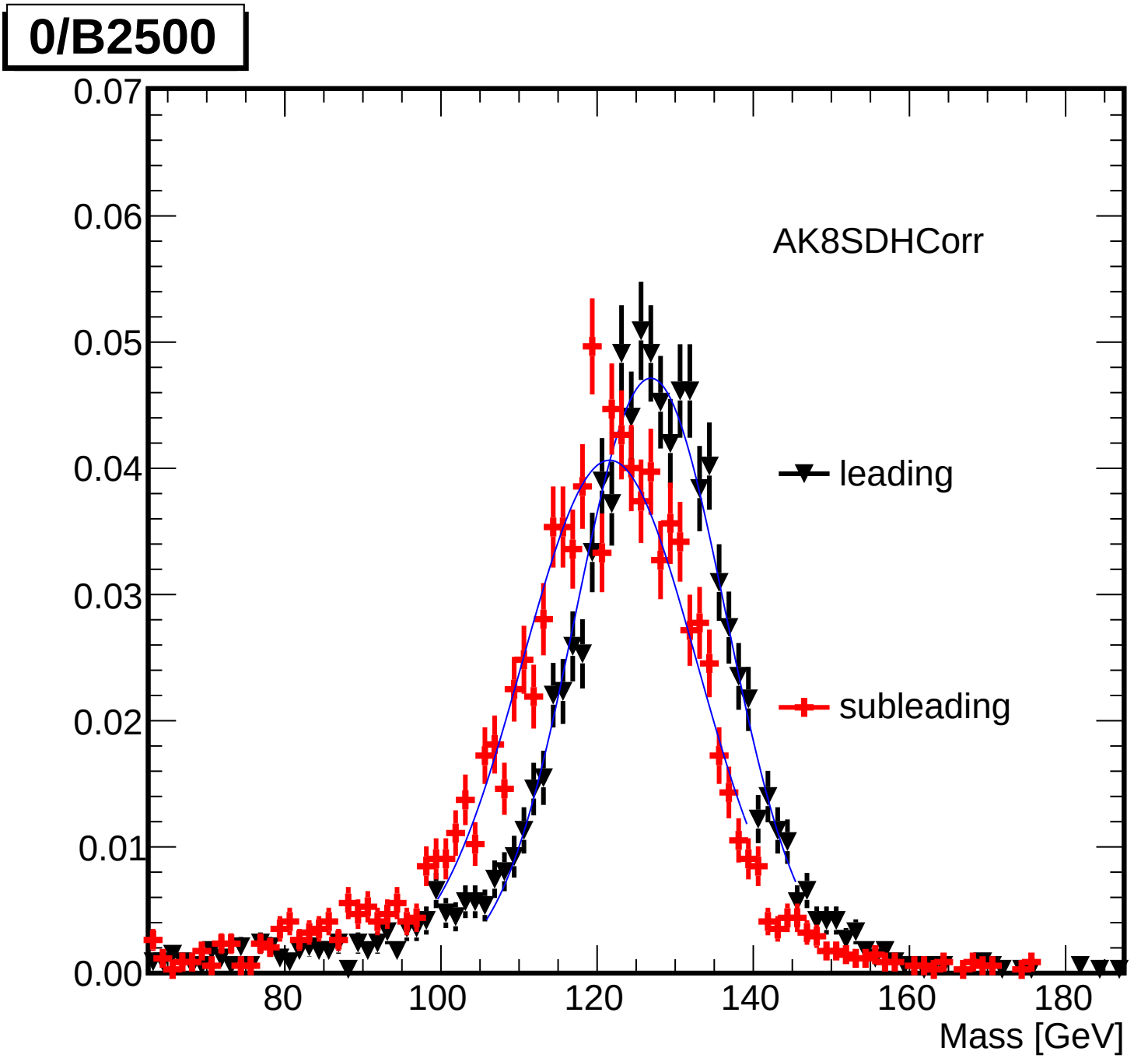

0/B2500
PRCorr
leading
Mean = -0.039
Sigma = 0.067
subleading
Mean = -0.066
Sigma = 0.072
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

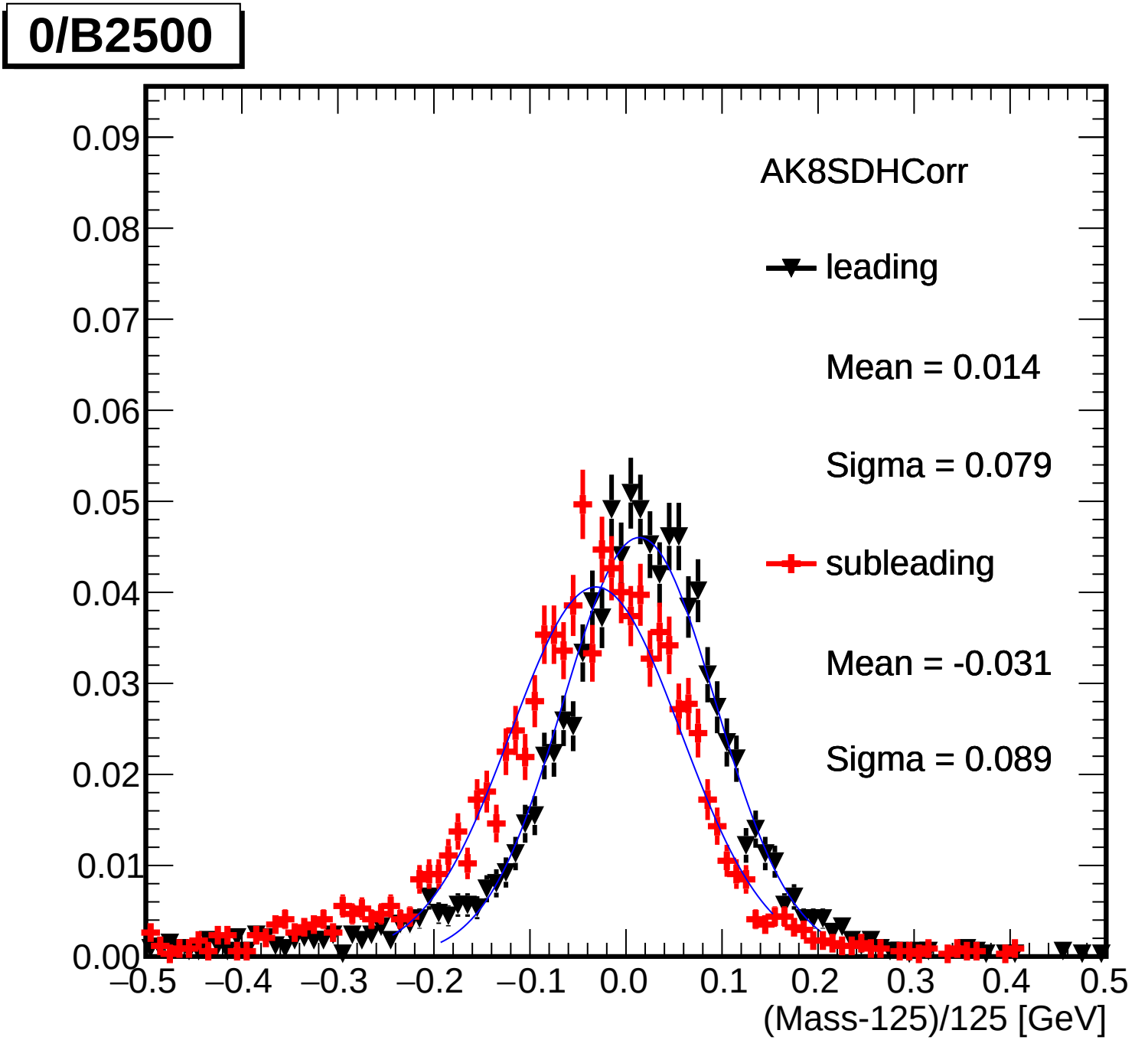

0/B2500
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


0/B2500
AK8SD
leading
Mean = -0.096
Sigma = 0.071
subleading
Mean = -0.132
Sigma = 0.078
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]


0/B2500
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


0/B2500
AK8SDCorrThea
leading
Mean = -0.010
Sigma = 0.077
subleading
Mean = -0.052
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]


0/B2500
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]


0/B2500
AK8SDHCorr
leading
Mean = 0.014
Sigma = 0.079
subleading
Mean = -0.031
Sigma = 0.089
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]