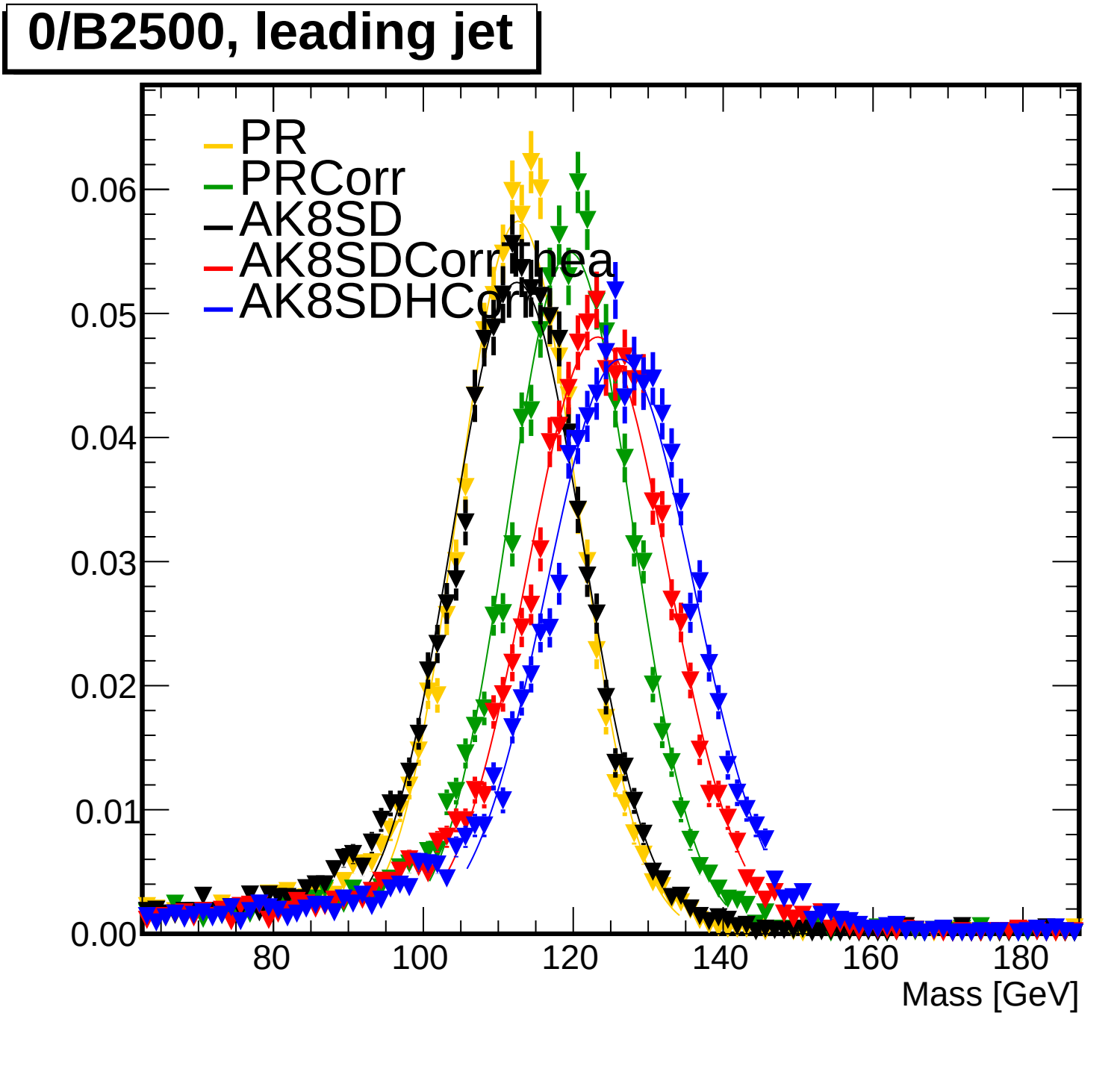
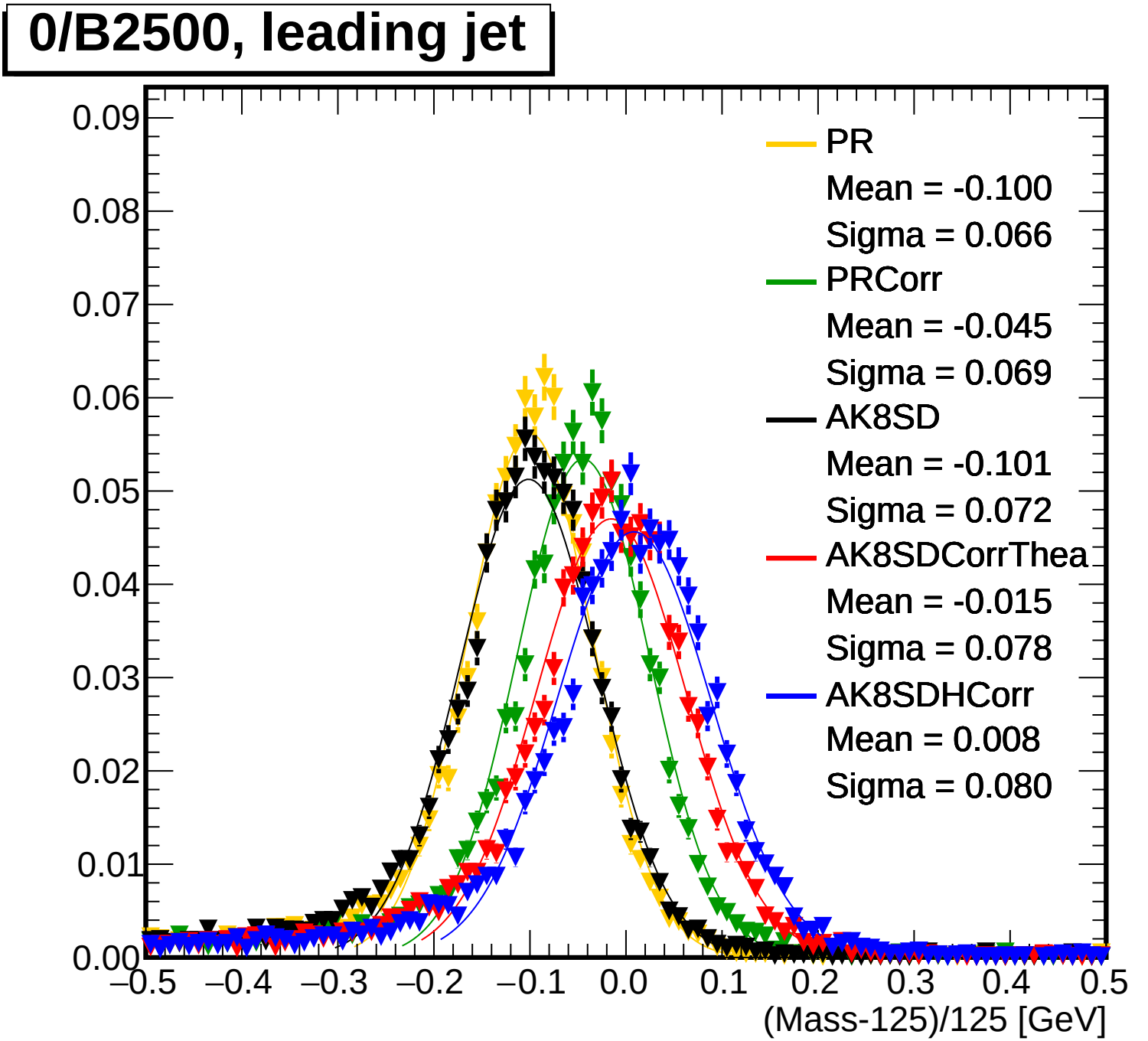
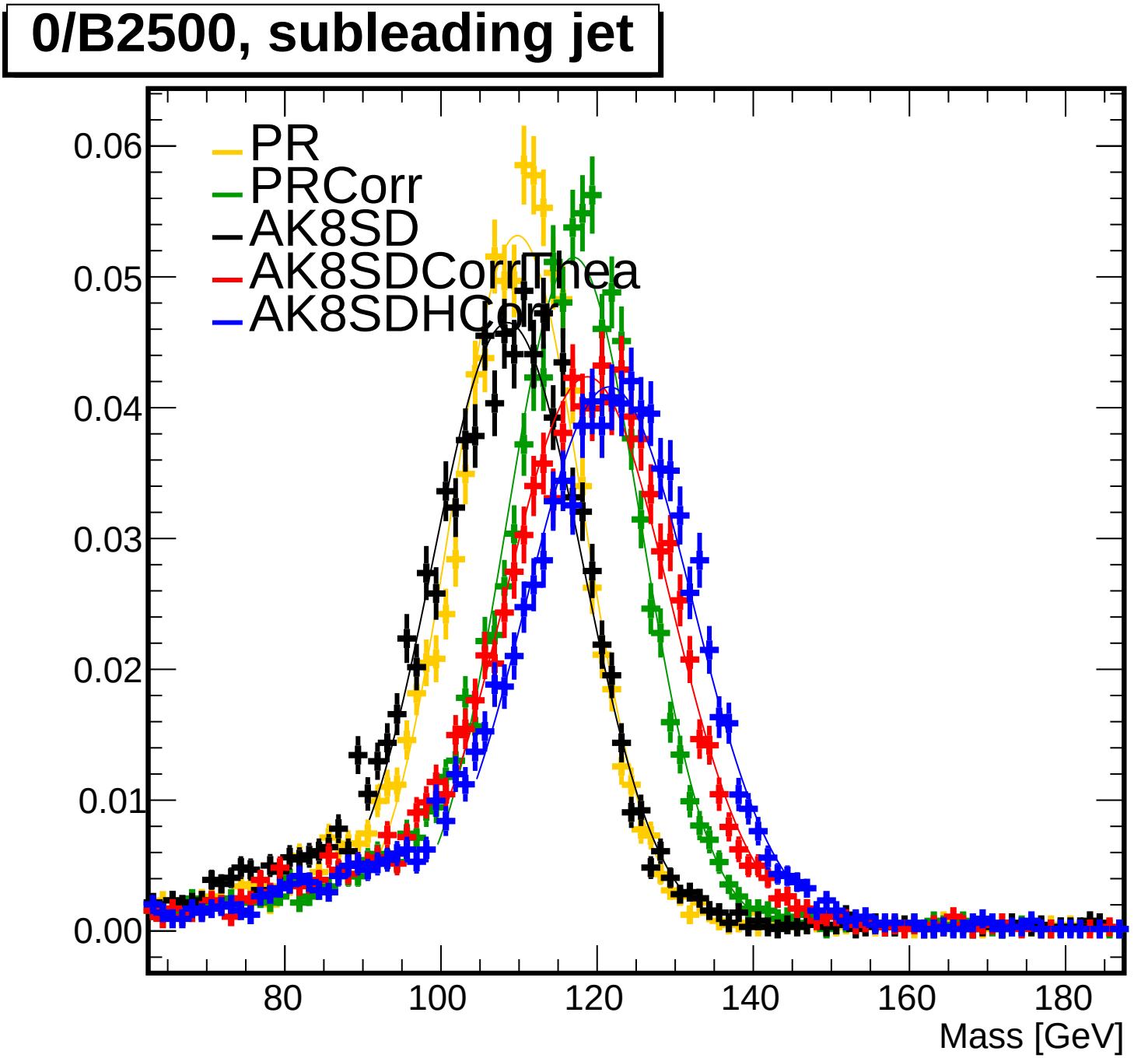
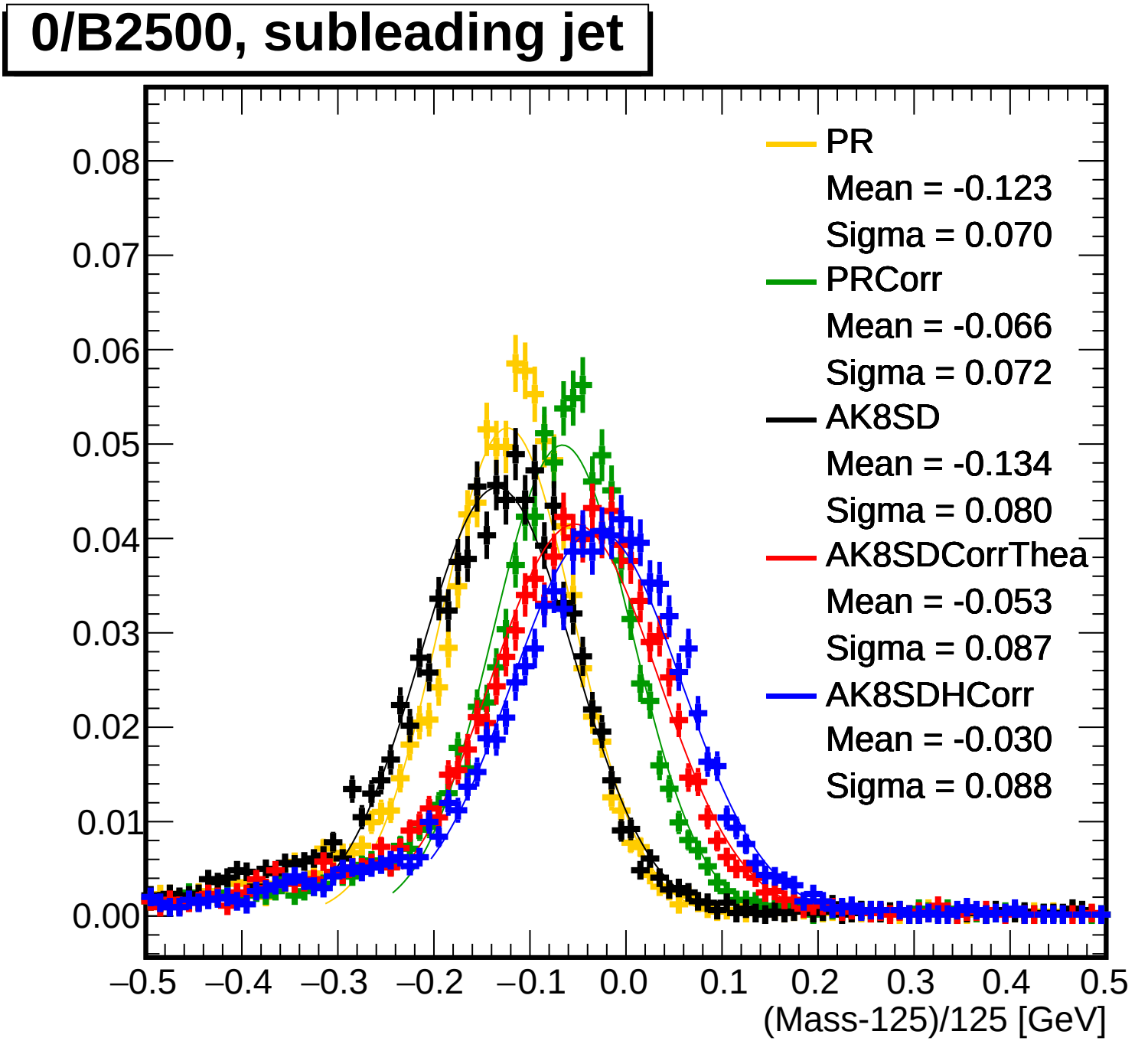
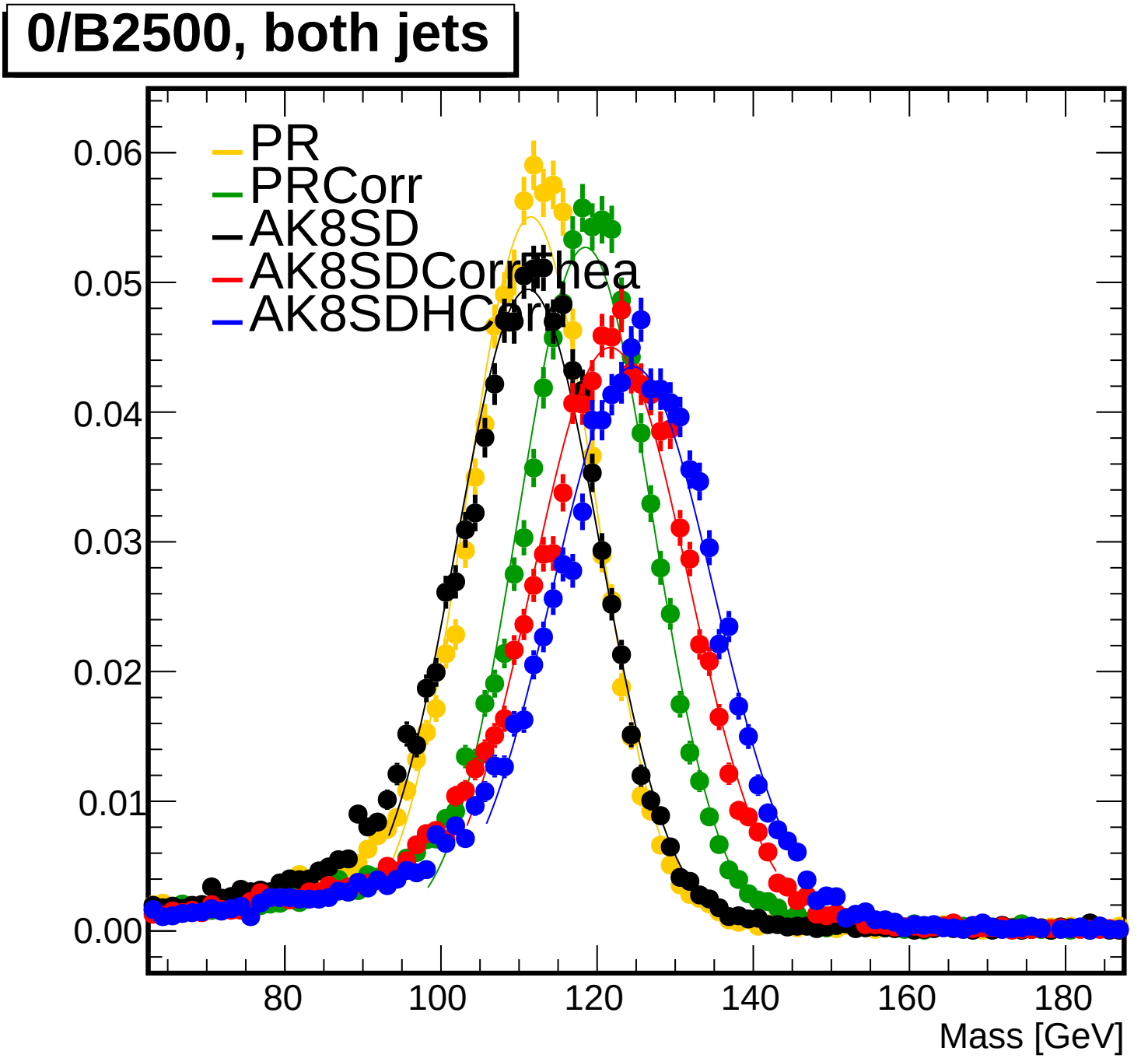
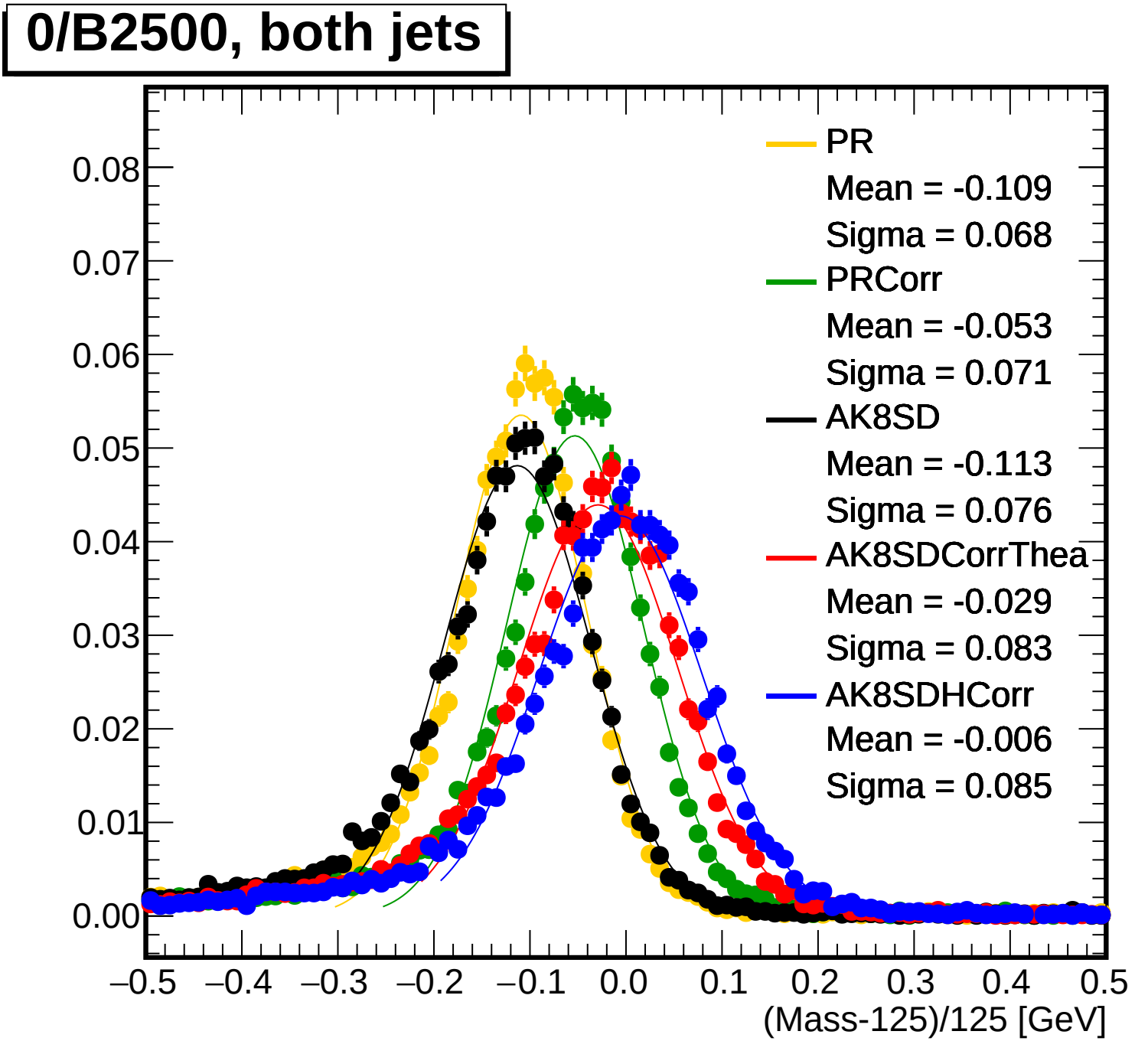

0/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorrM
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

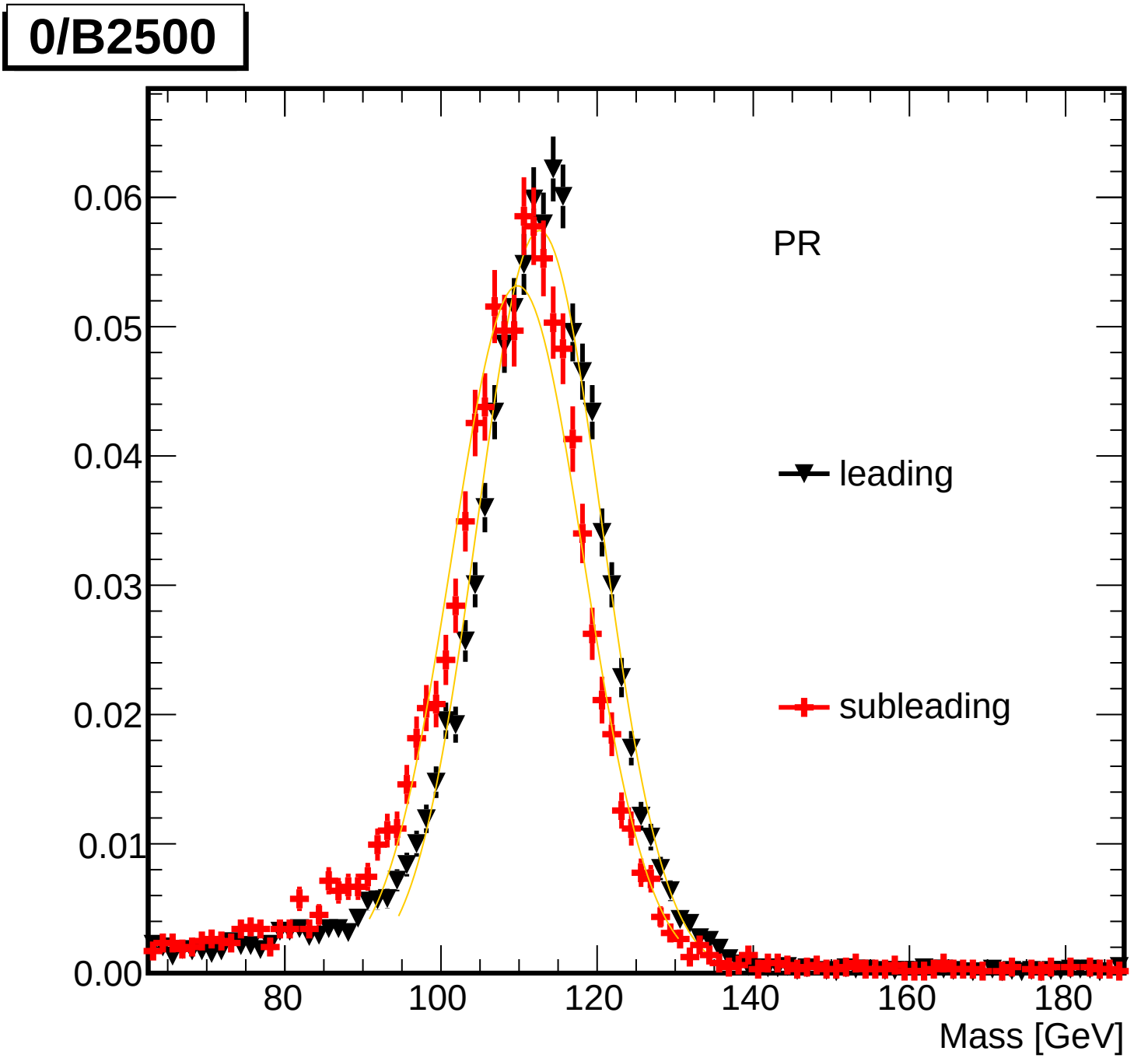

0/B2500, leading jet
PR
Mean = -0.100
Sigma = 0.066
PRCorr
Mean = -0.045
Sigma = 0.069
AK8SD
Mean = -0.101
Sigma = 0.072
AK8SDCorrThea
Mean = -0.015
Sigma = 0.078
AK8SDHCorr
Mean = 0.008
Sigma = 0.080
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

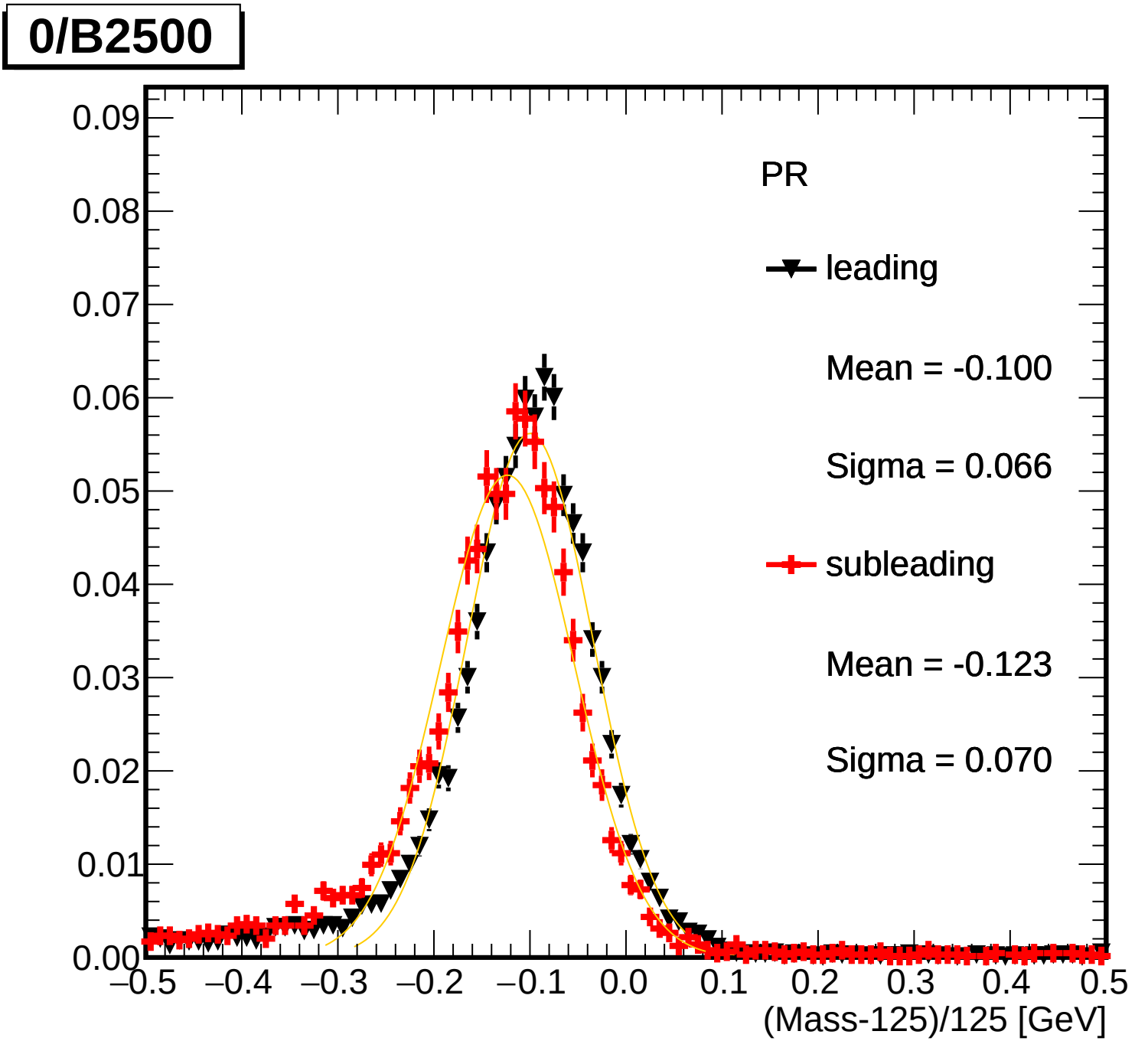

0/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

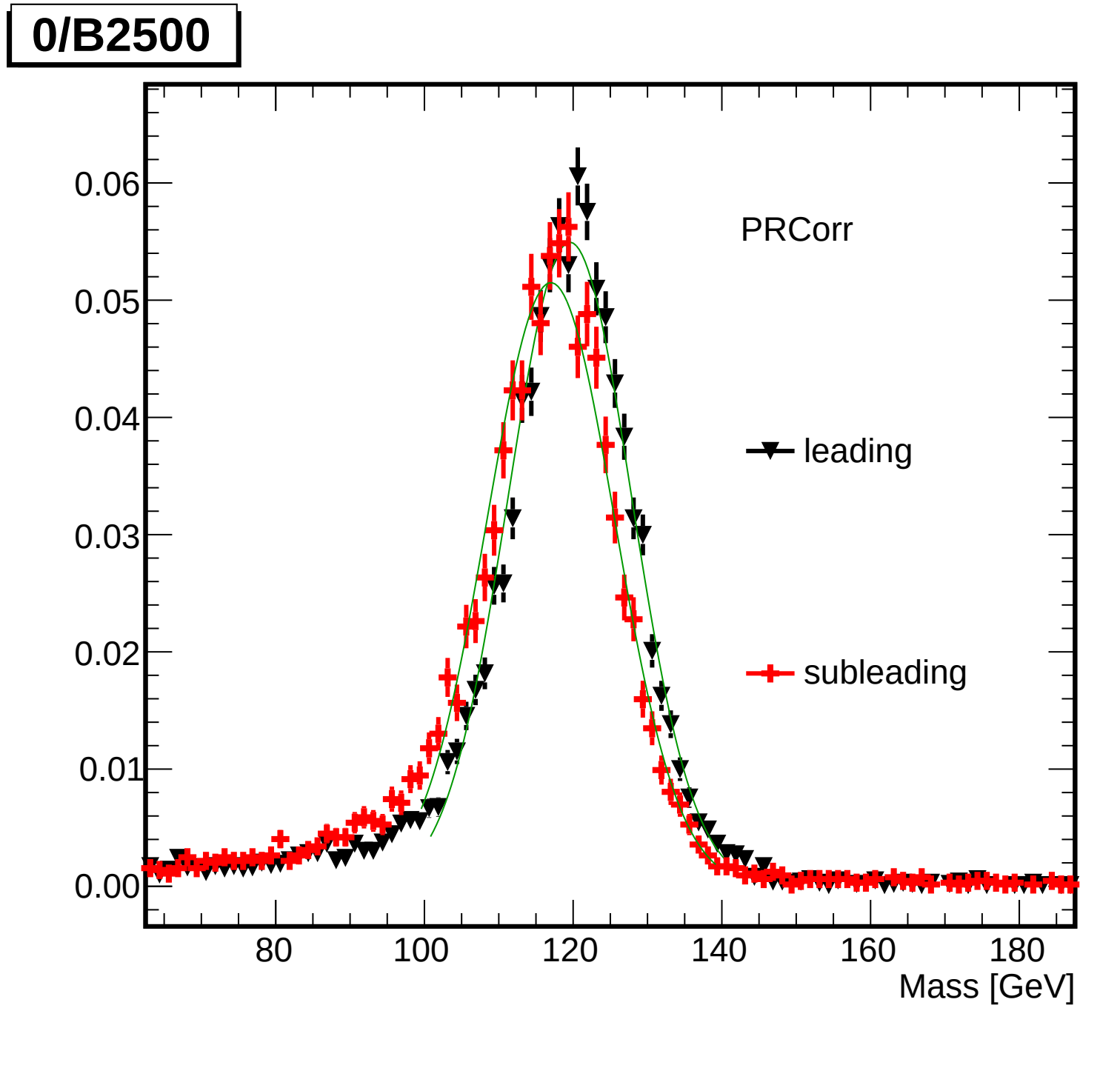

0/B2500, subleading jet
PR
Mean = -0.123
Sigma = 0.070
PRCorr
Mean = -0.066
Sigma = 0.072
AK8SD
Mean = -0.134
Sigma = 0.080
AK8SDCorrThea
Mean = -0.053
Sigma = 0.087
AK8SDHCorr
Mean = -0.030
Sigma = 0.088
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

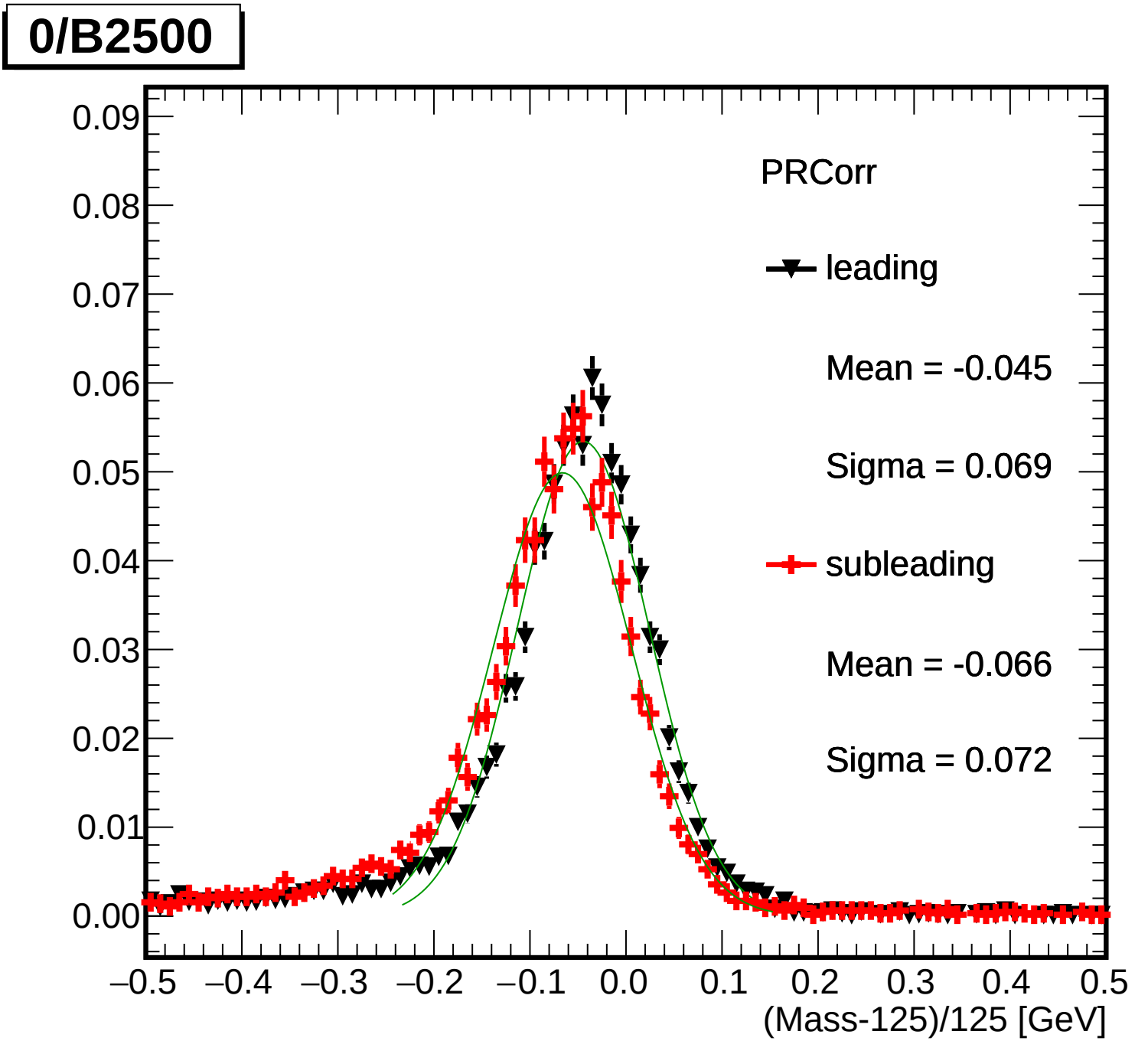

0/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrPhea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

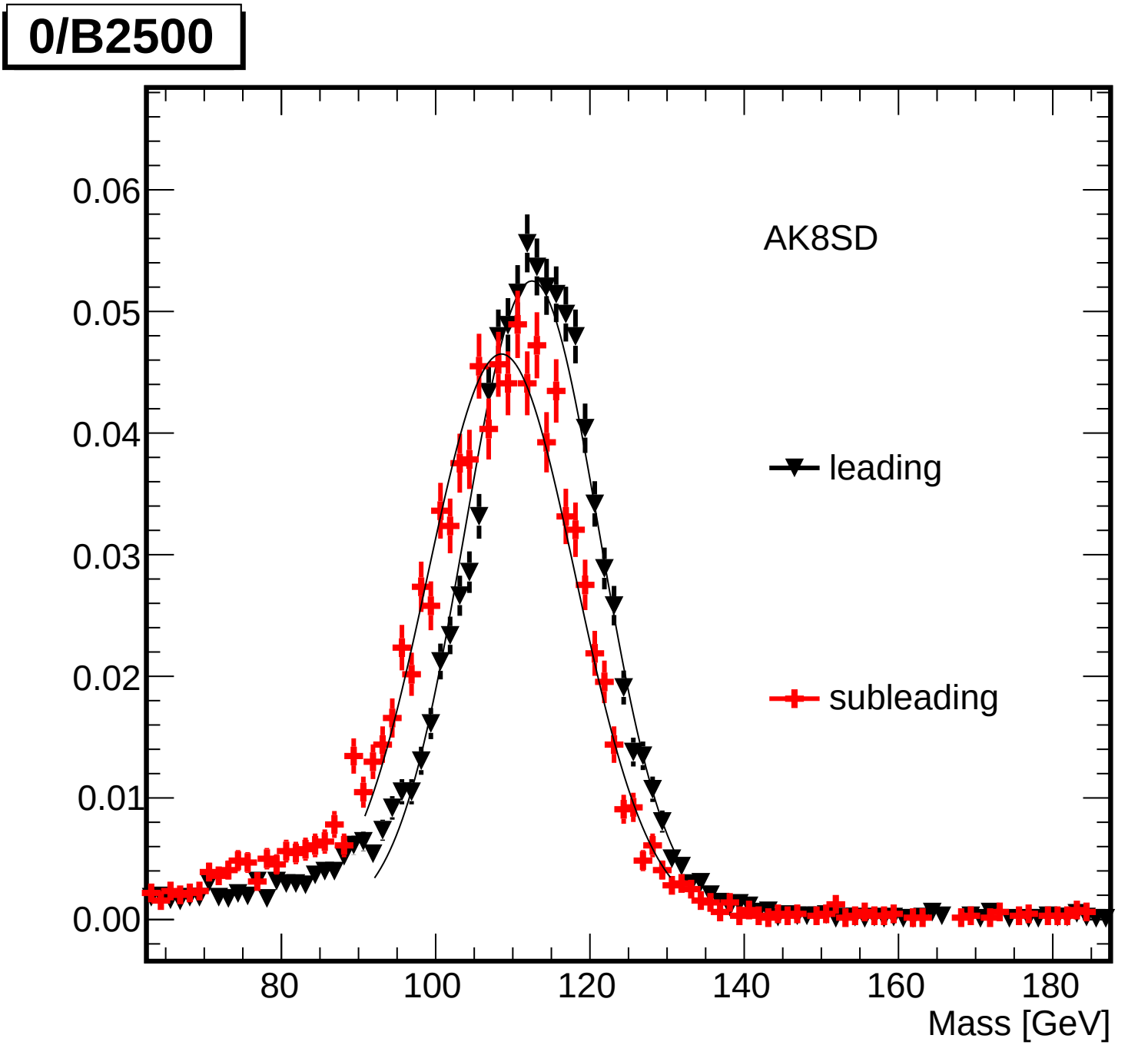

0/B2500, both jets
PR
Mean = -0.109
Sigma = 0.068
PRCorr
Mean = -0.053
Sigma = 0.071
AK8SD
Mean = -0.113
Sigma = 0.076
AK8SDCorrThea
Mean = -0.029
Sigma = 0.083
AK8SDHCorr
Mean = -0.006
Sigma = 0.085
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

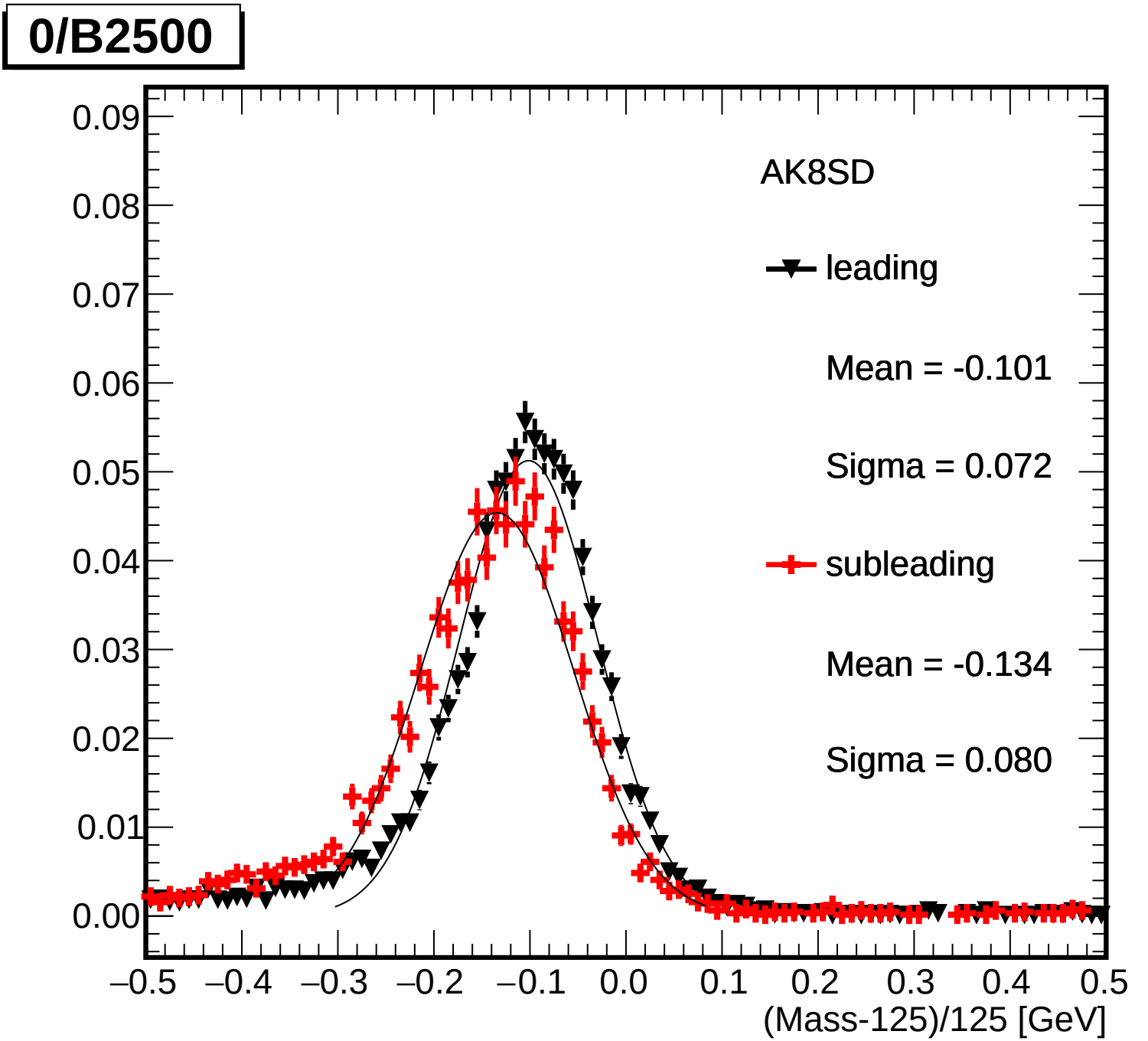

0/B2500
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

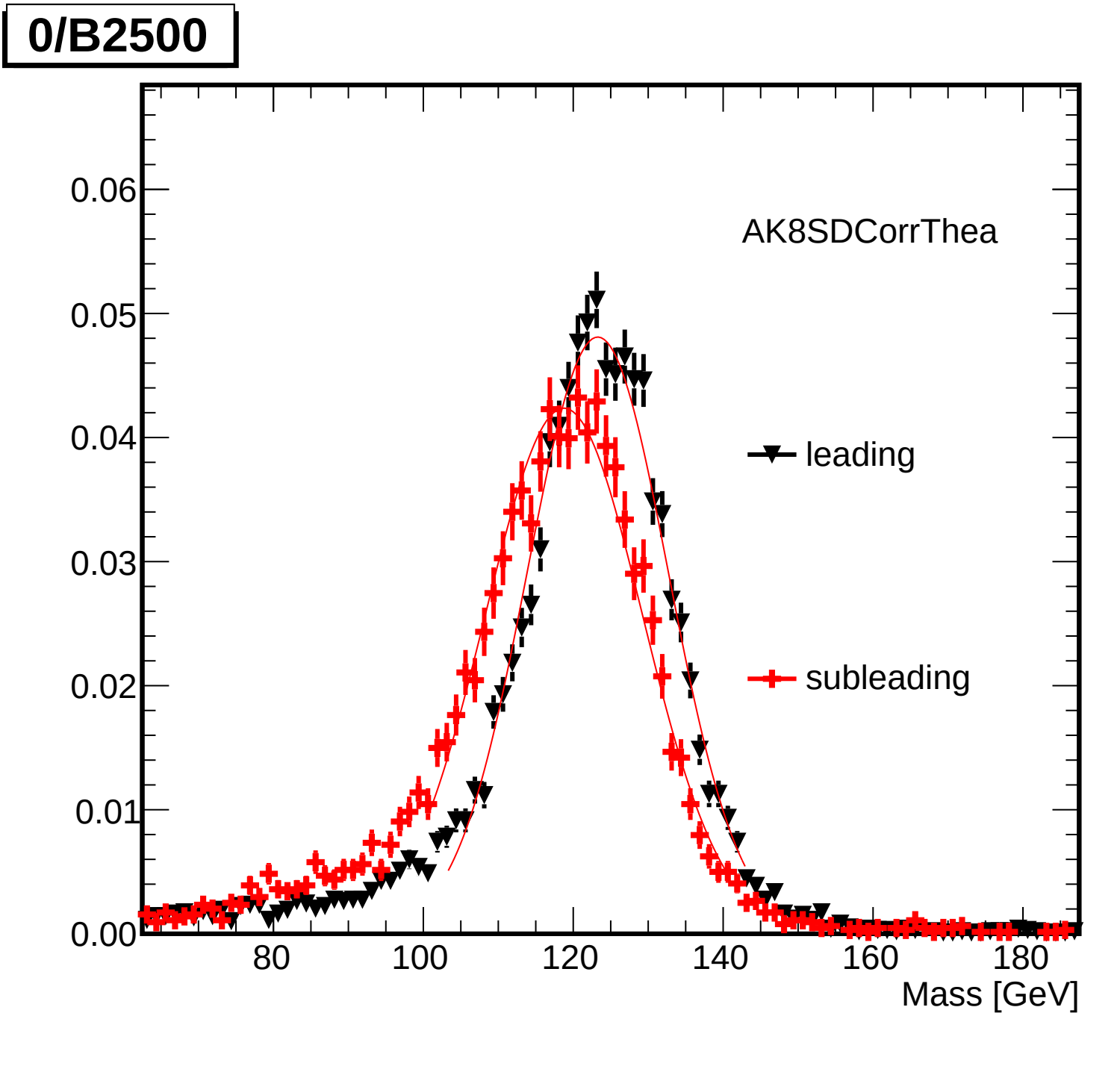

0/B2500
PR
leading
Mean = -0.100
Sigma = 0.066
subleading
Mean = -0.123
Sigma = 0.070
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

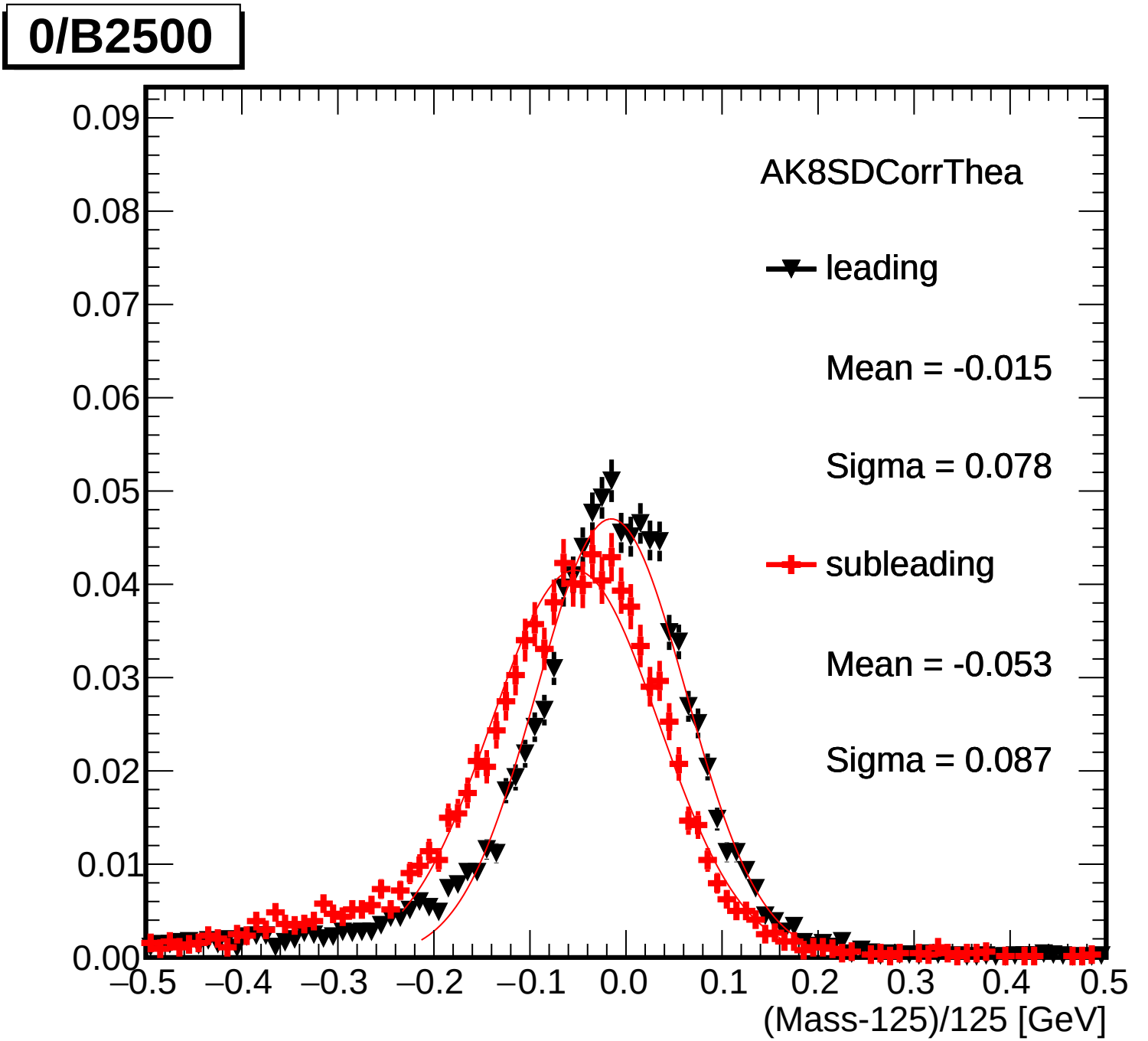

0/B2500
PRCorr
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

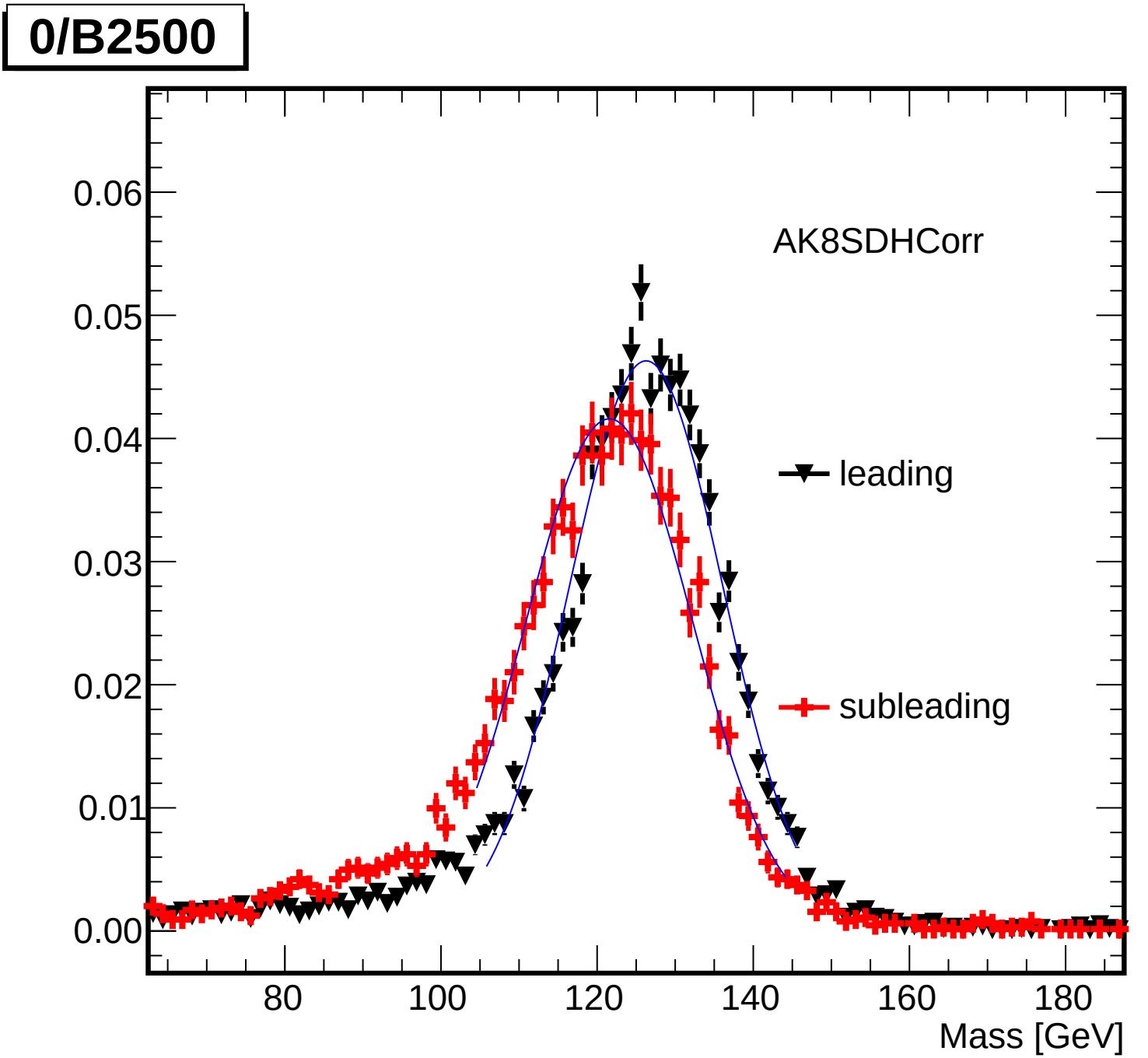

0/B2500
PRCorr
leading
Mean = -0.045
Sigma = 0.069
subleading
Mean = -0.066
Sigma = 0.072
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

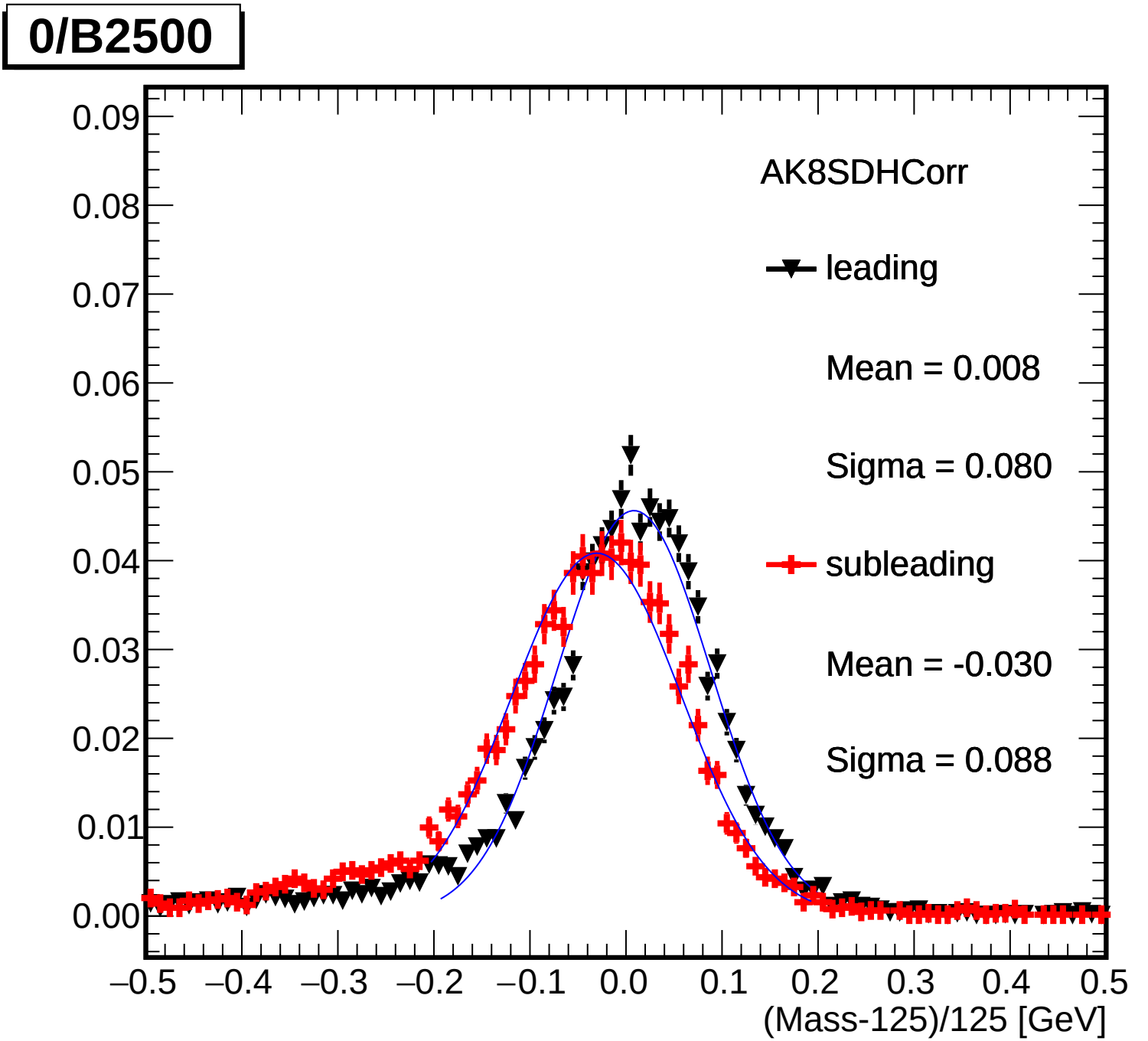

0/B2500
AK8SD
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


0/B2500
AK8SD
leading
Mean = -0.101
Sigma = 0.072
subleading
Mean = -0.134
Sigma = 0.080
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
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]


0/B2500
AK8SDCorrThea
leading
Mean = -0.015
Sigma = 0.078
subleading
Mean = -0.053
Sigma = 0.087
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
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]


0/B2500
AK8SDHCorr
leading
Mean = 0.008
Sigma = 0.080
subleading
Mean = -0.030
Sigma = 0.088
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]