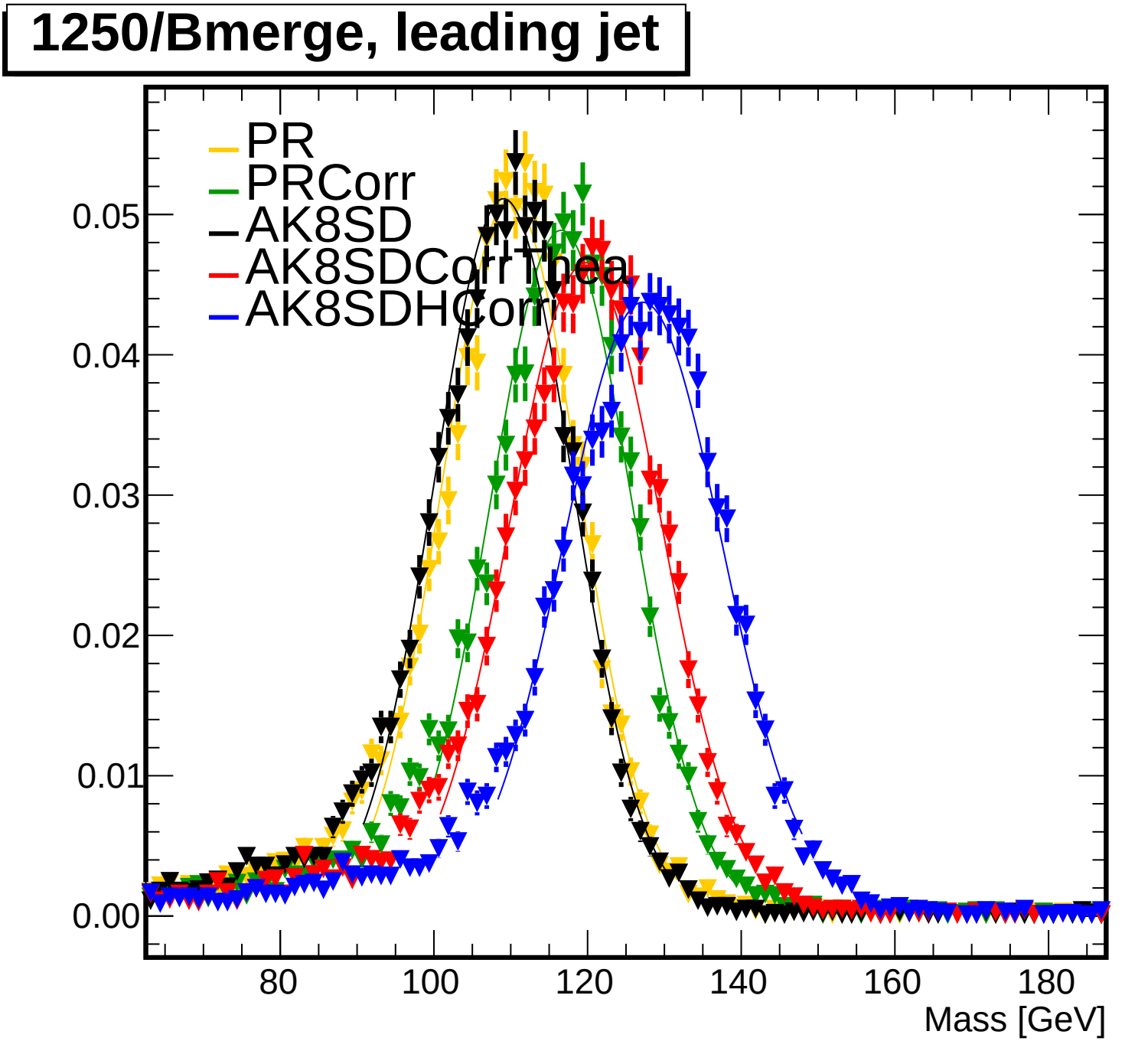
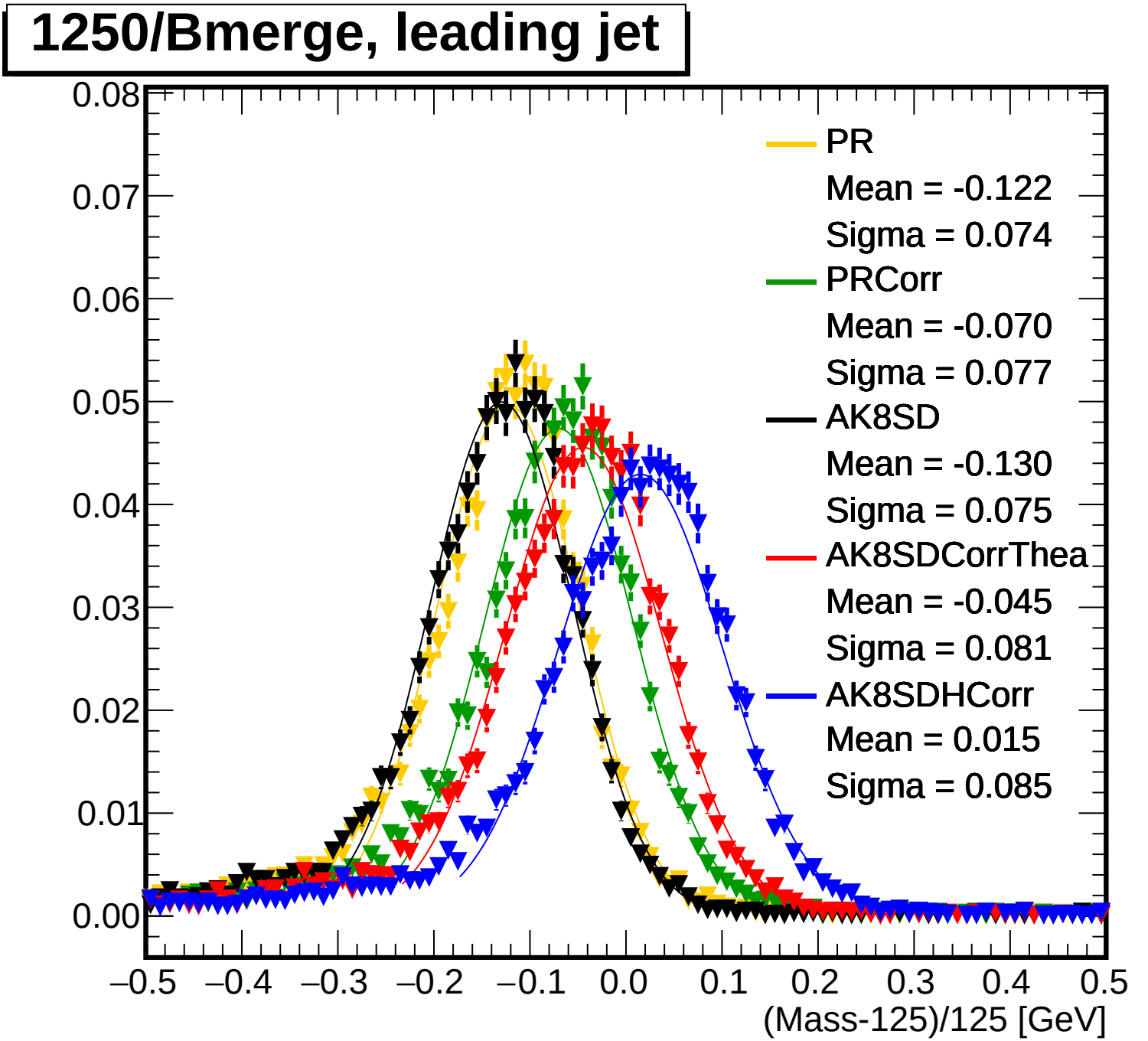
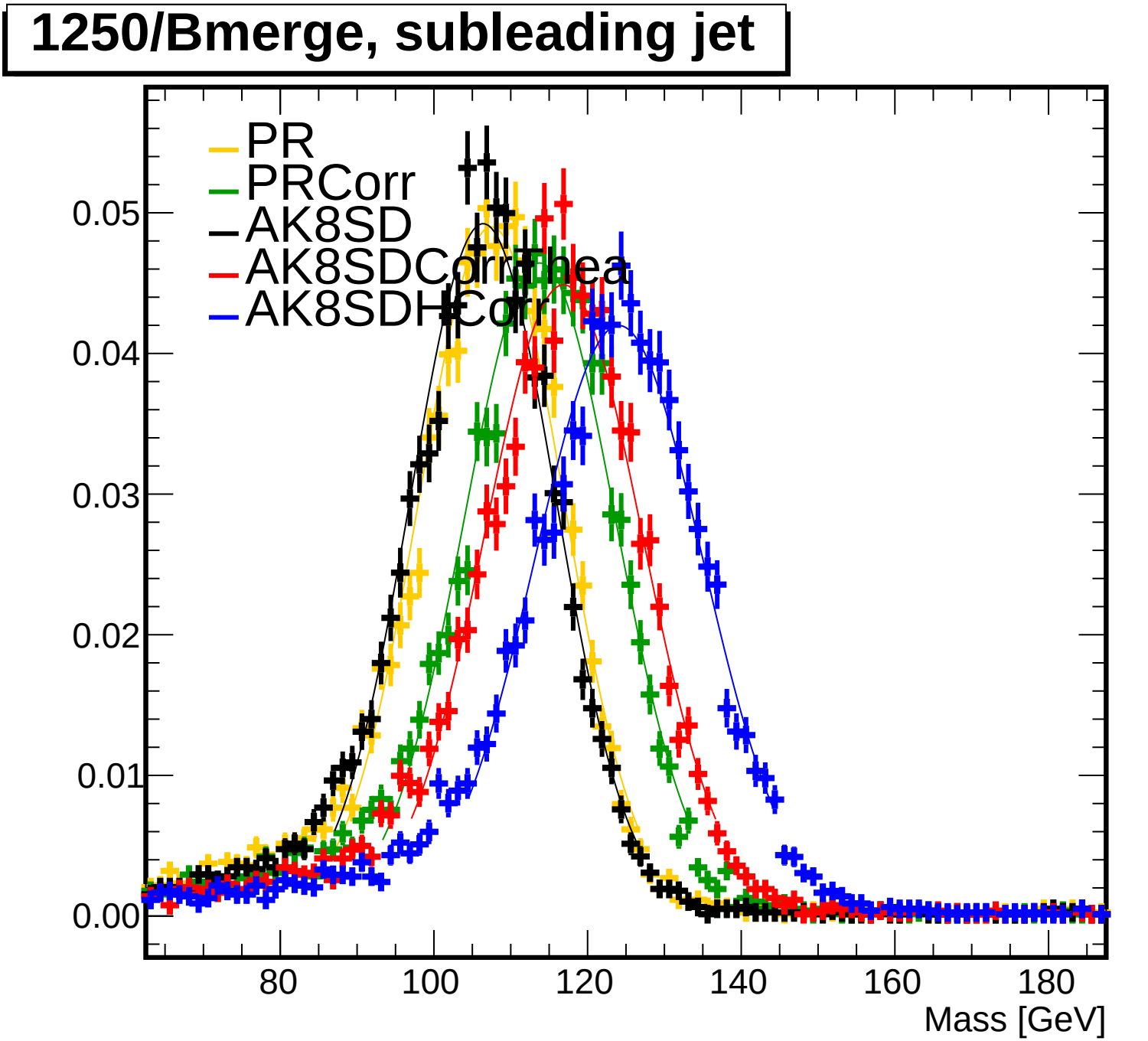
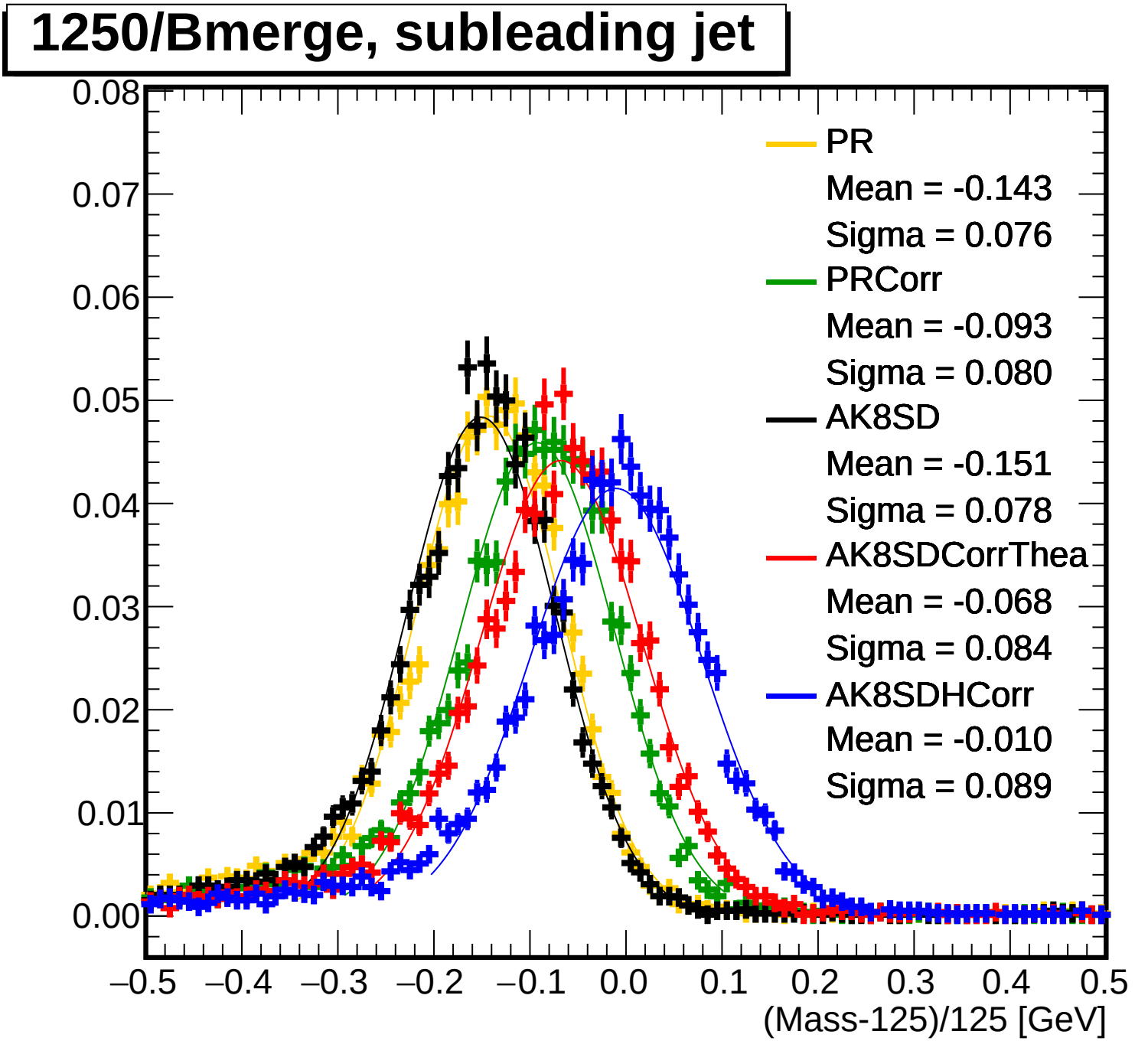
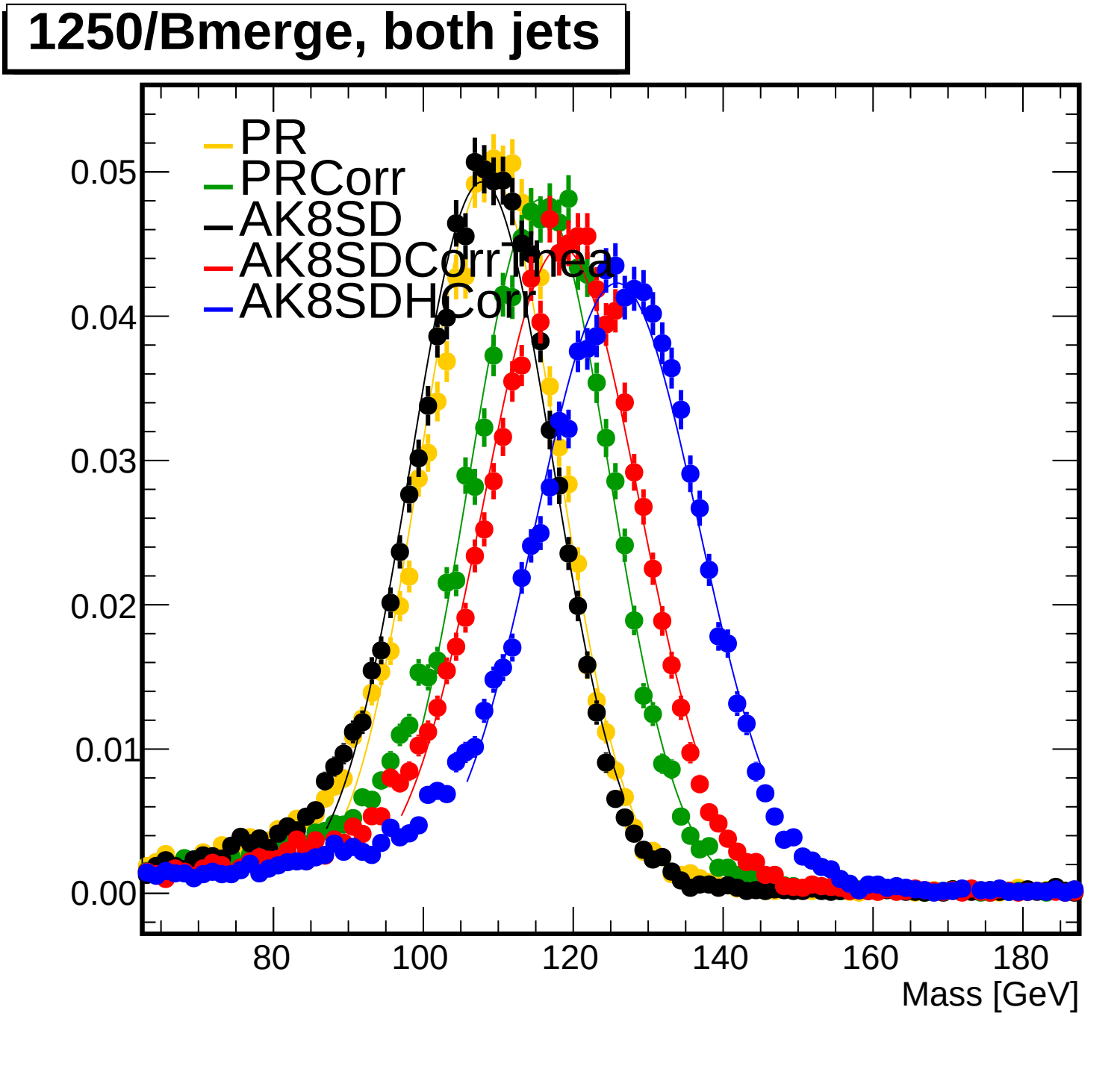
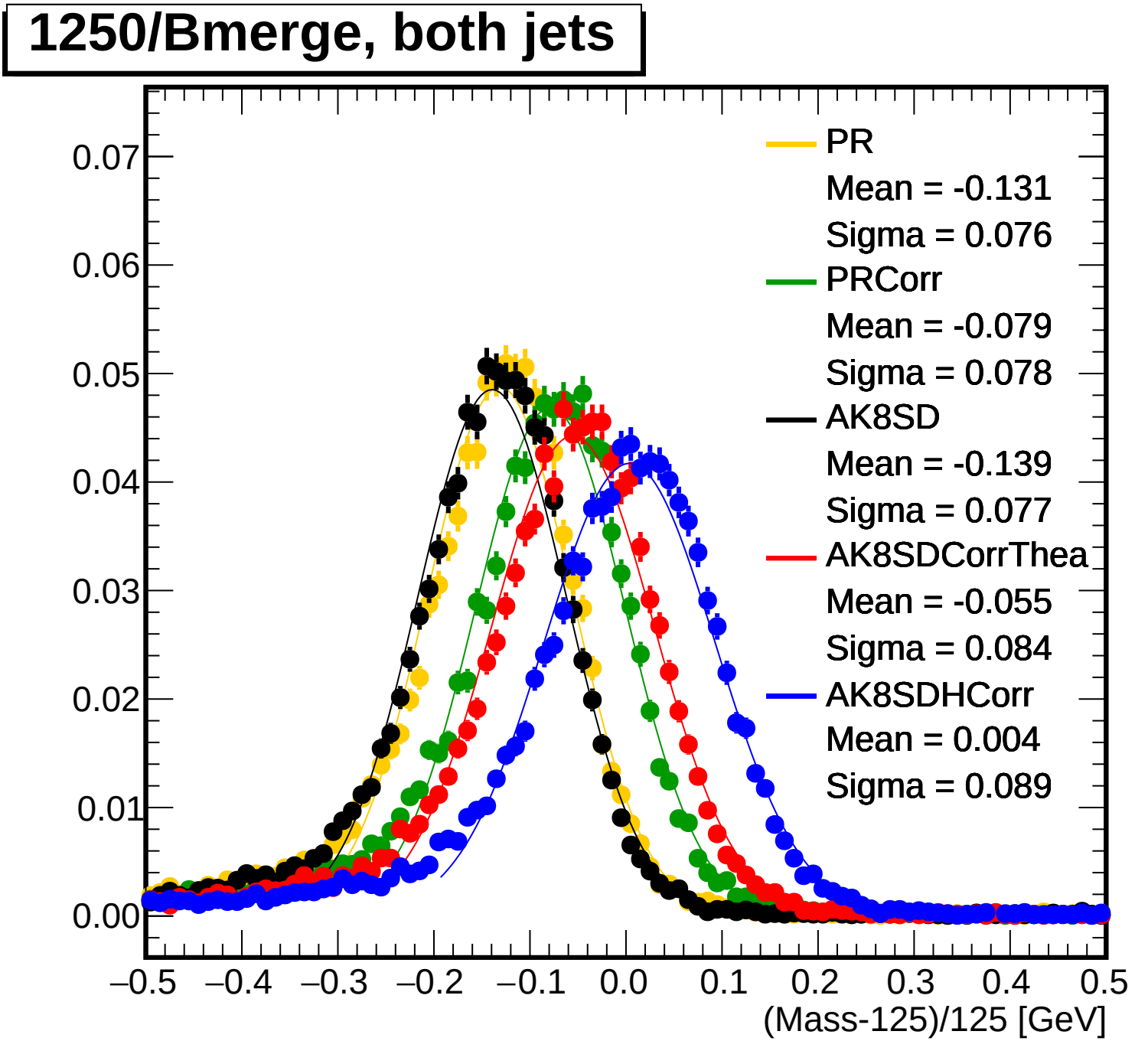

1250/Bmerge, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

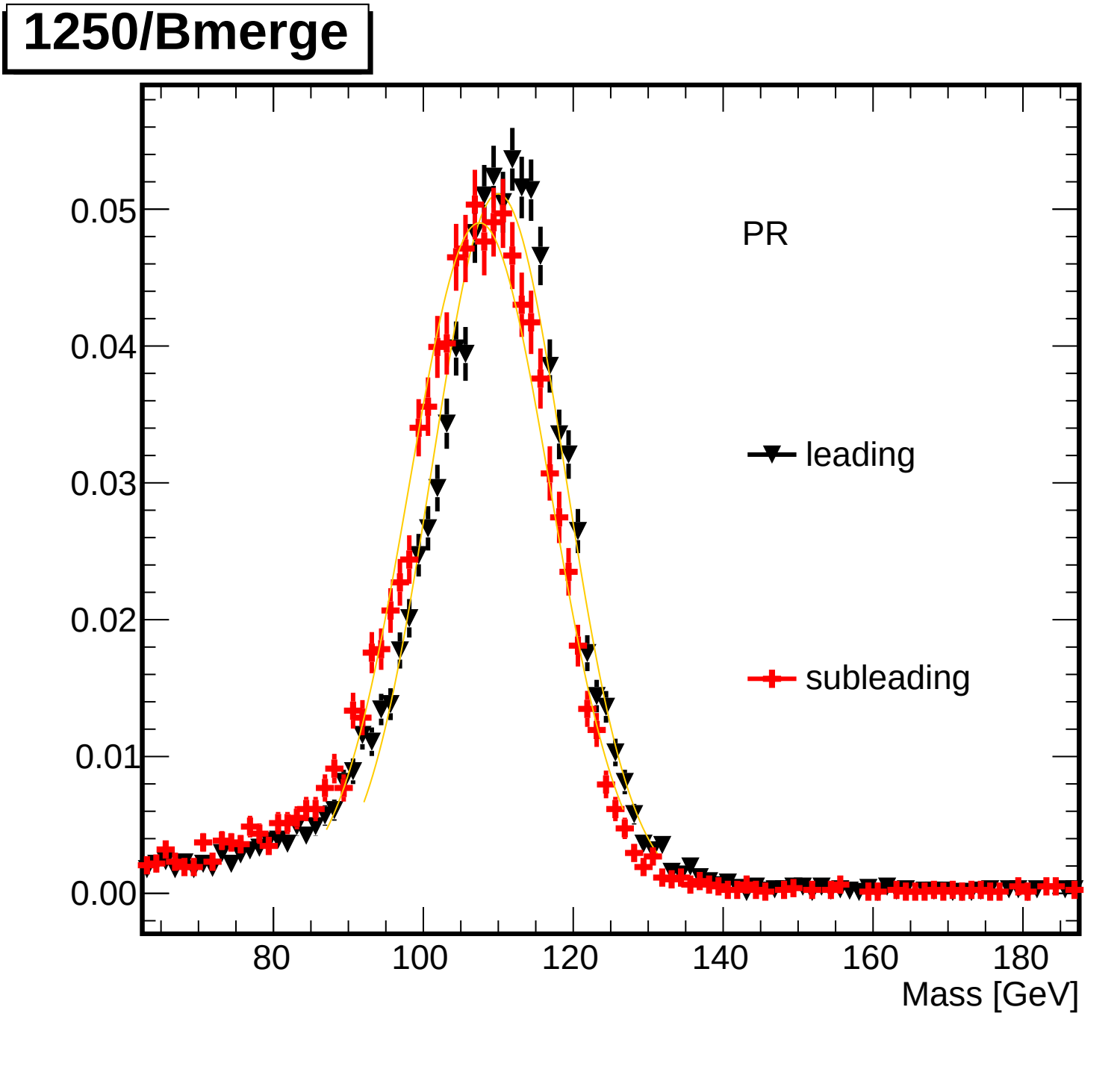

1250/Bmerge, leading jet
PR
Mean = -0.122
Sigma = 0.074
PRCorr
Mean = -0.070
Sigma = 0.077
AK8SD
Mean = -0.130
Sigma = 0.075
AK8SDCorrThea
Mean = -0.045
Sigma = 0.081
AK8SDHCorr
Mean = 0.015
Sigma = 0.085
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

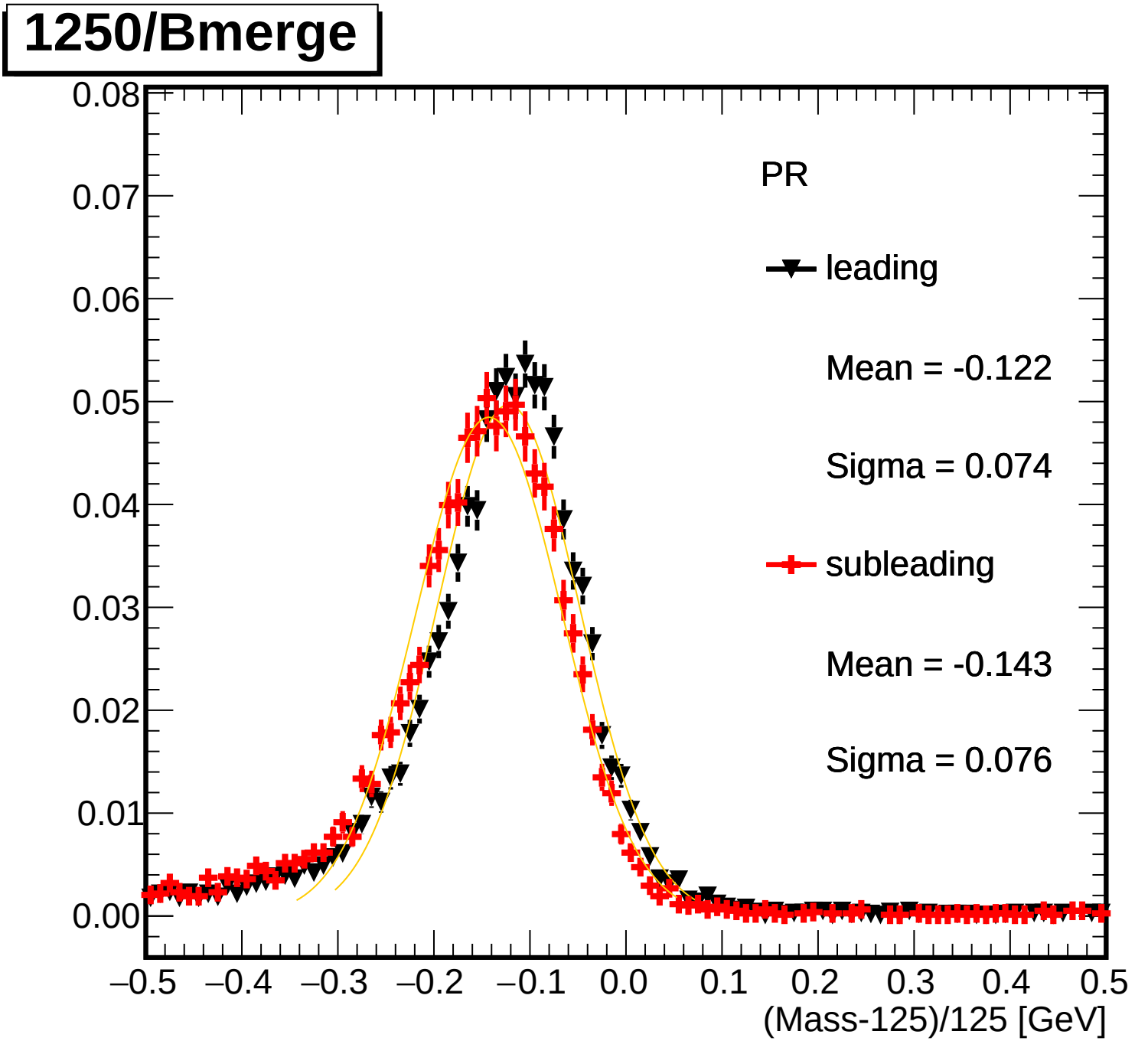

1250/Bmerge, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrTheta
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

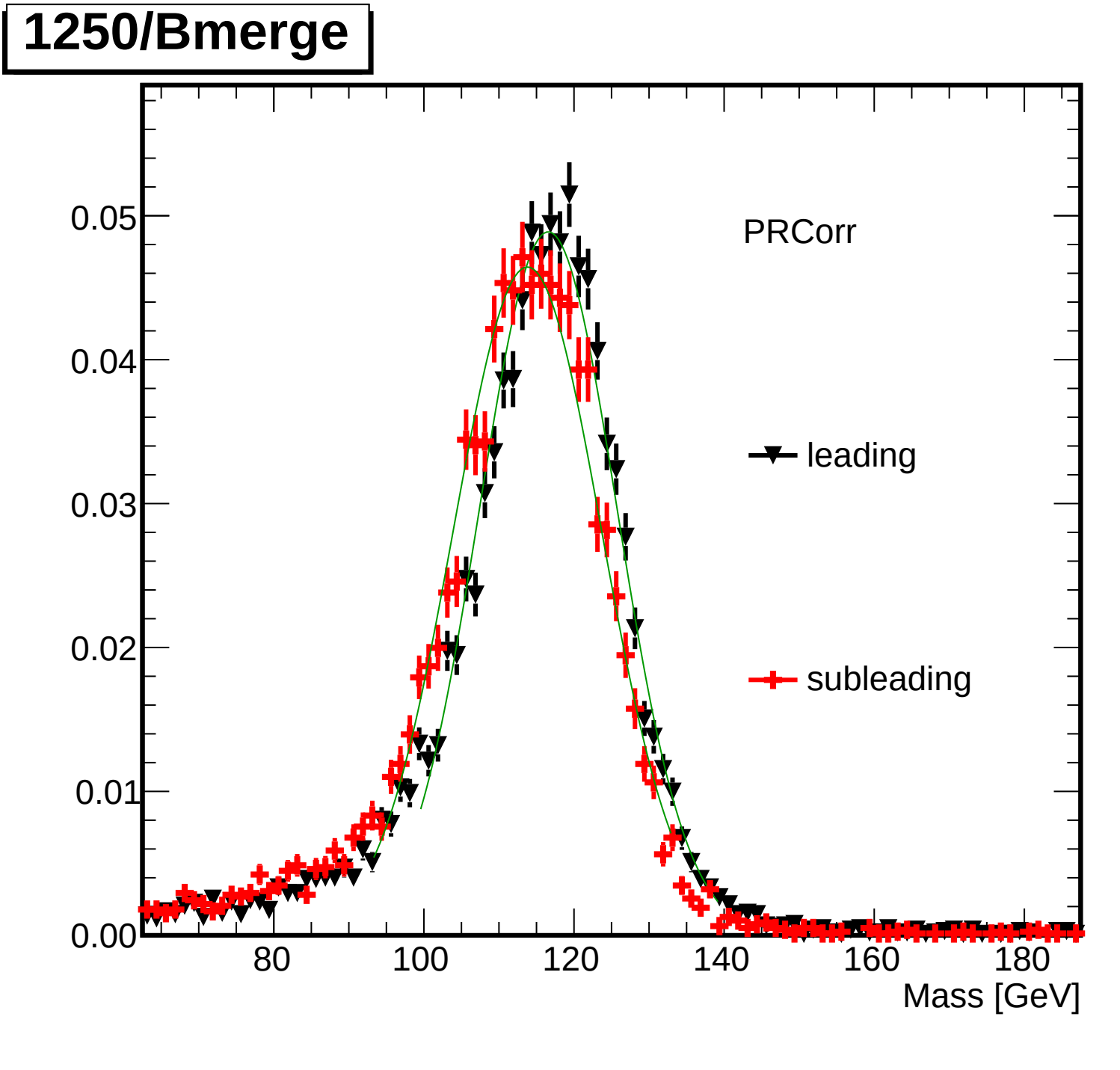

1250/Bmerge, subleading jet
PR
Mean = -0.143
Sigma = 0.076
PRCorr
Mean = -0.093
Sigma = 0.080
AK8SD
Mean = -0.151
Sigma = 0.078
AK8SDCorrThea
Mean = -0.068
Sigma = 0.084
AK8SDHCorr
Mean = -0.010
Sigma = 0.089
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

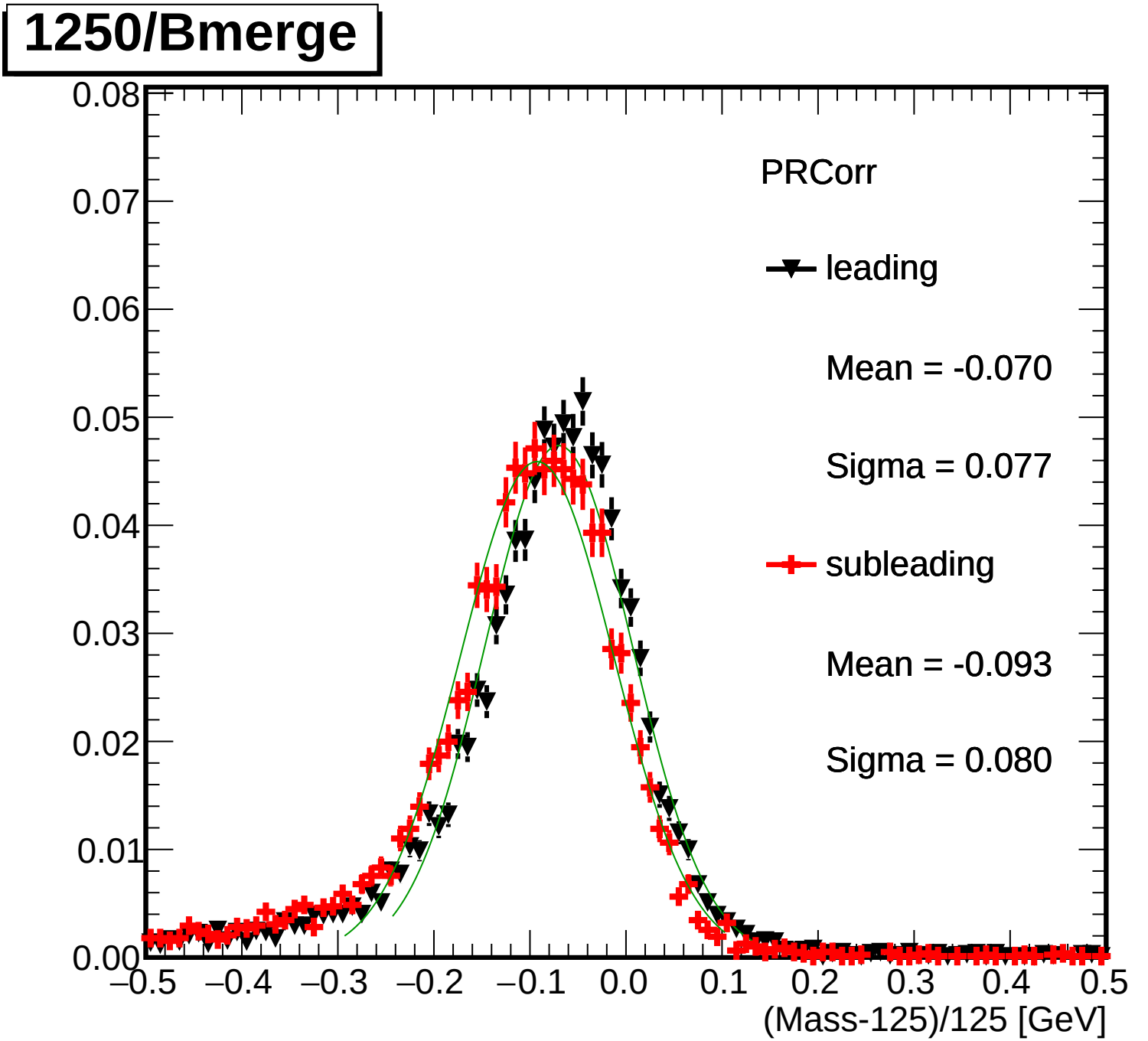

1250/Bmerge, both jets
PR
PRCorr
AK8SD
AK8SDCorrTmea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

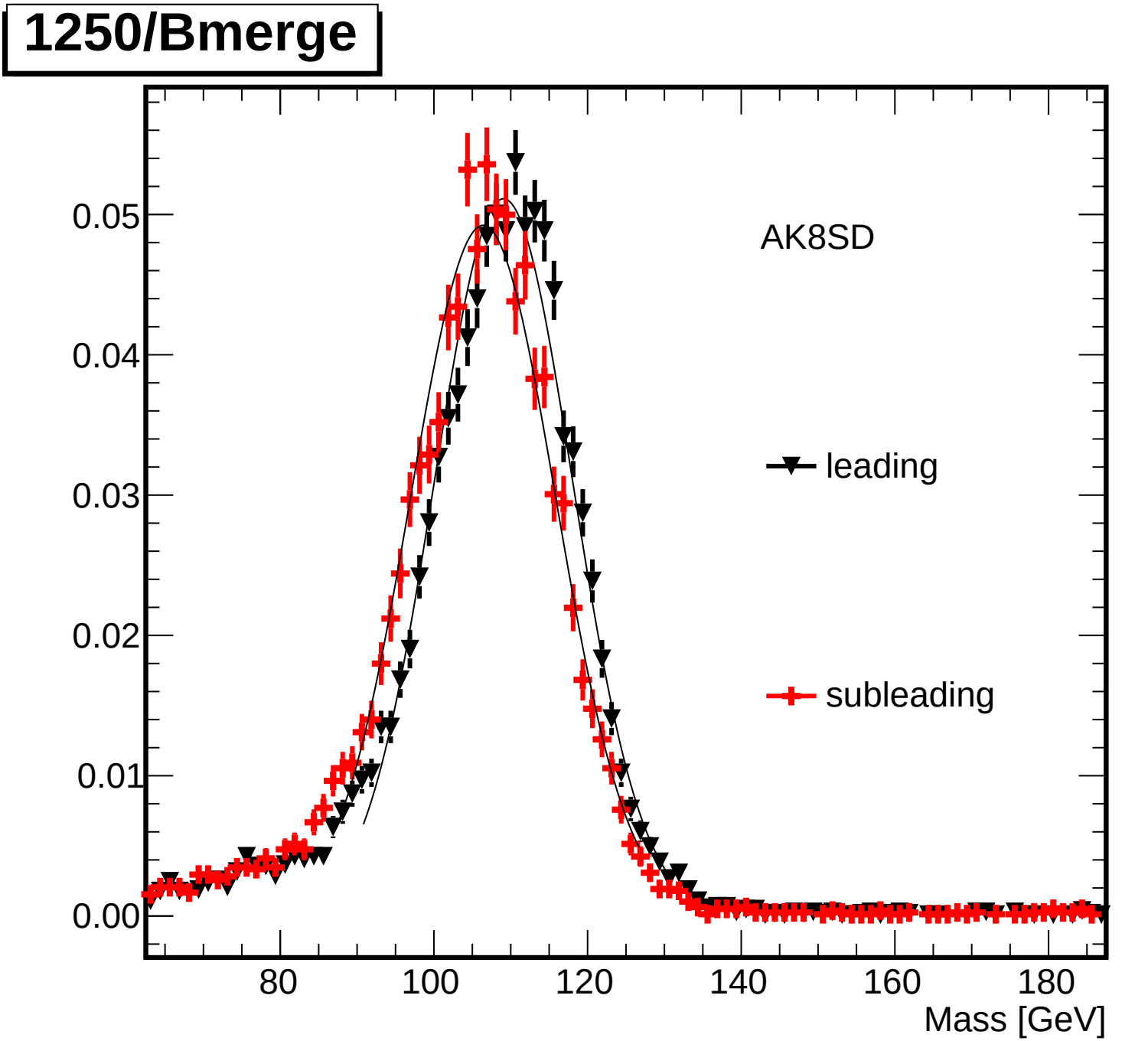

1250/Bmerge, both jets
PR
Mean = -0.131
Sigma = 0.076
PRCorr
Mean = -0.079
Sigma = 0.078
AK8SD
Mean = -0.139
Sigma = 0.077
AK8SDCorrThea
Mean = -0.055
Sigma = 0.084
AK8SDHCorr
Mean = 0.004
Sigma = 0.089
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

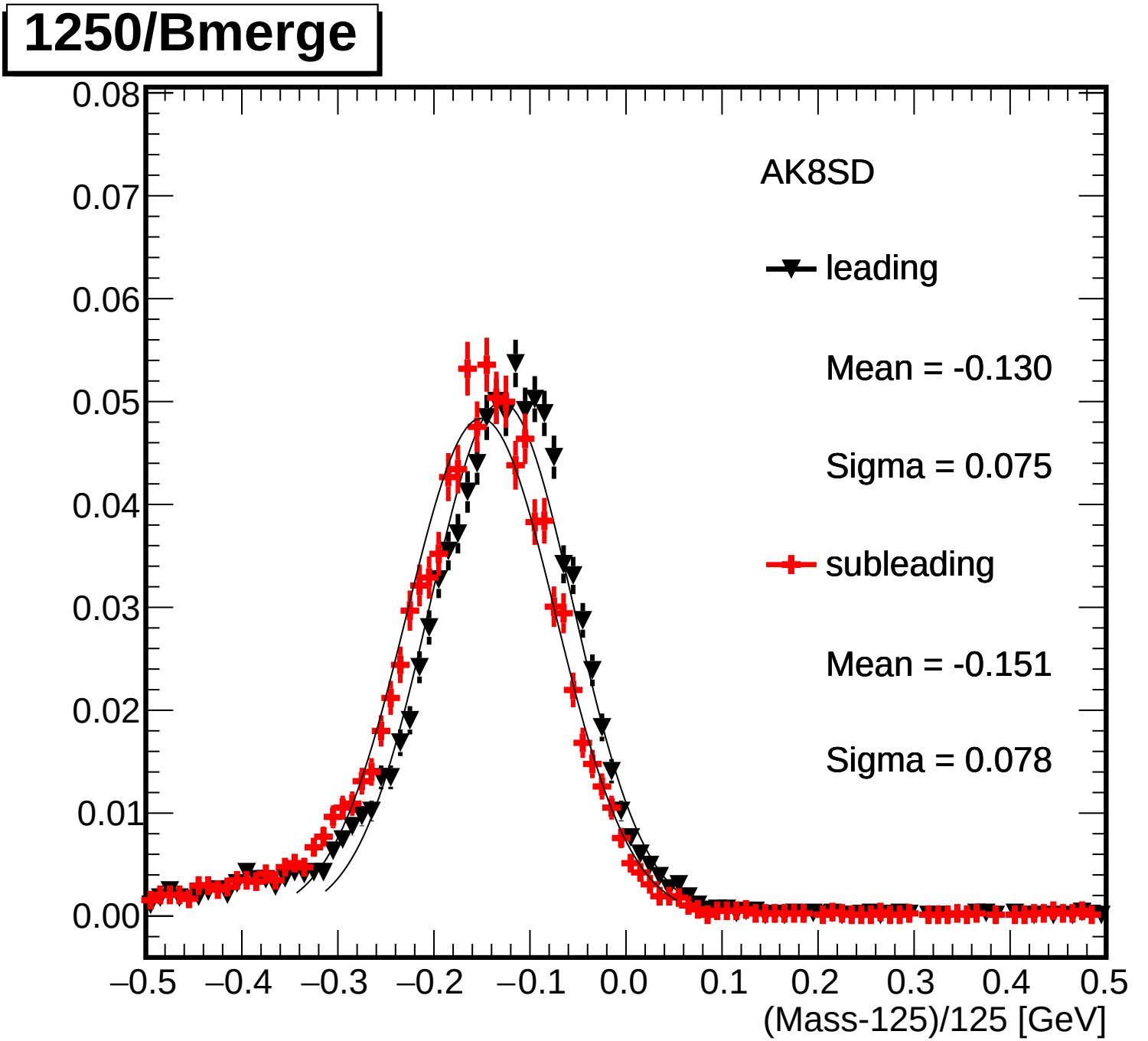

1250/Bmerge
PR
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

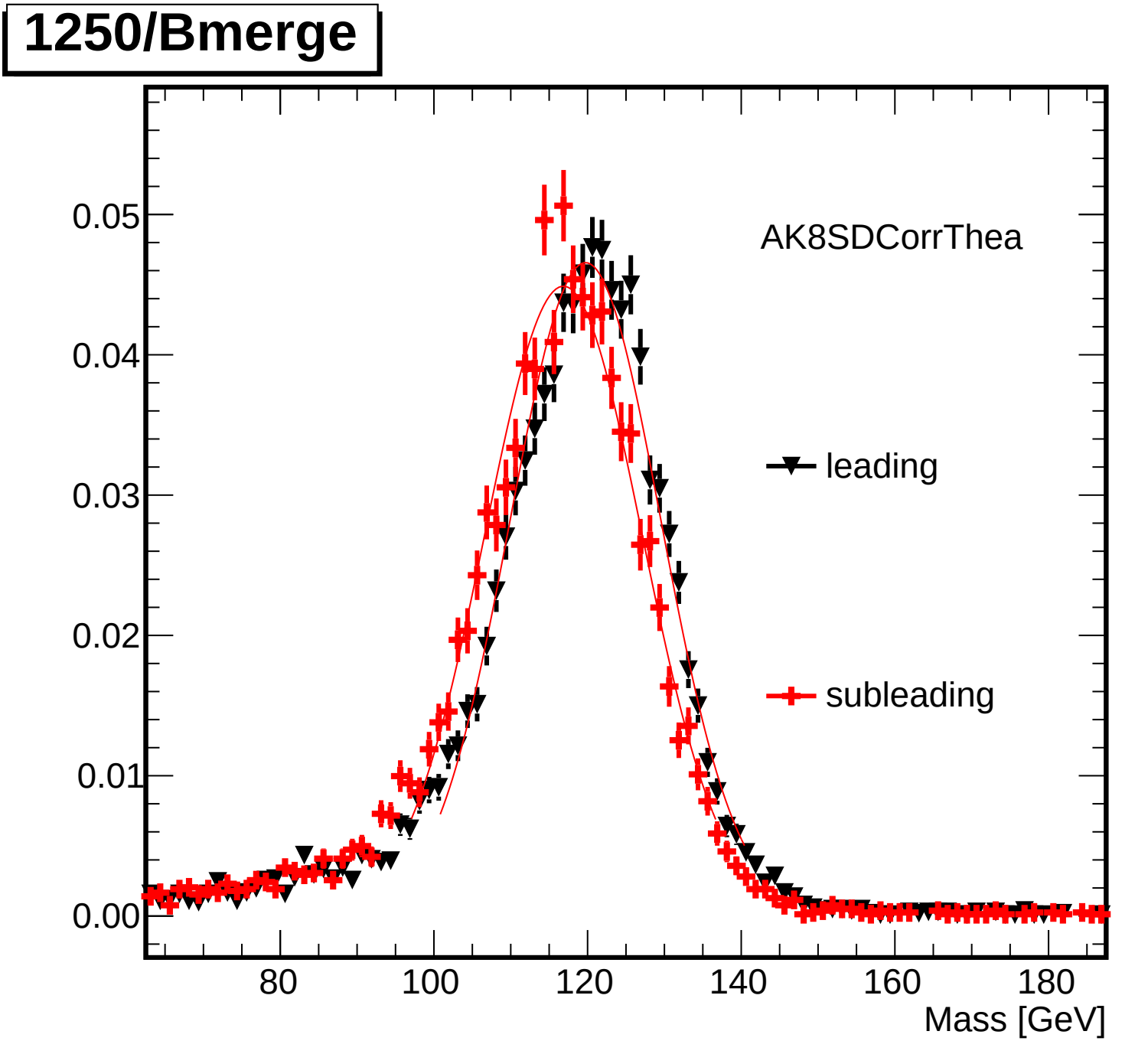

1250/Bmerge
PR
leading
Mean = -0.122
Sigma = 0.074
subleading
Mean = -0.143
Sigma = 0.076
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

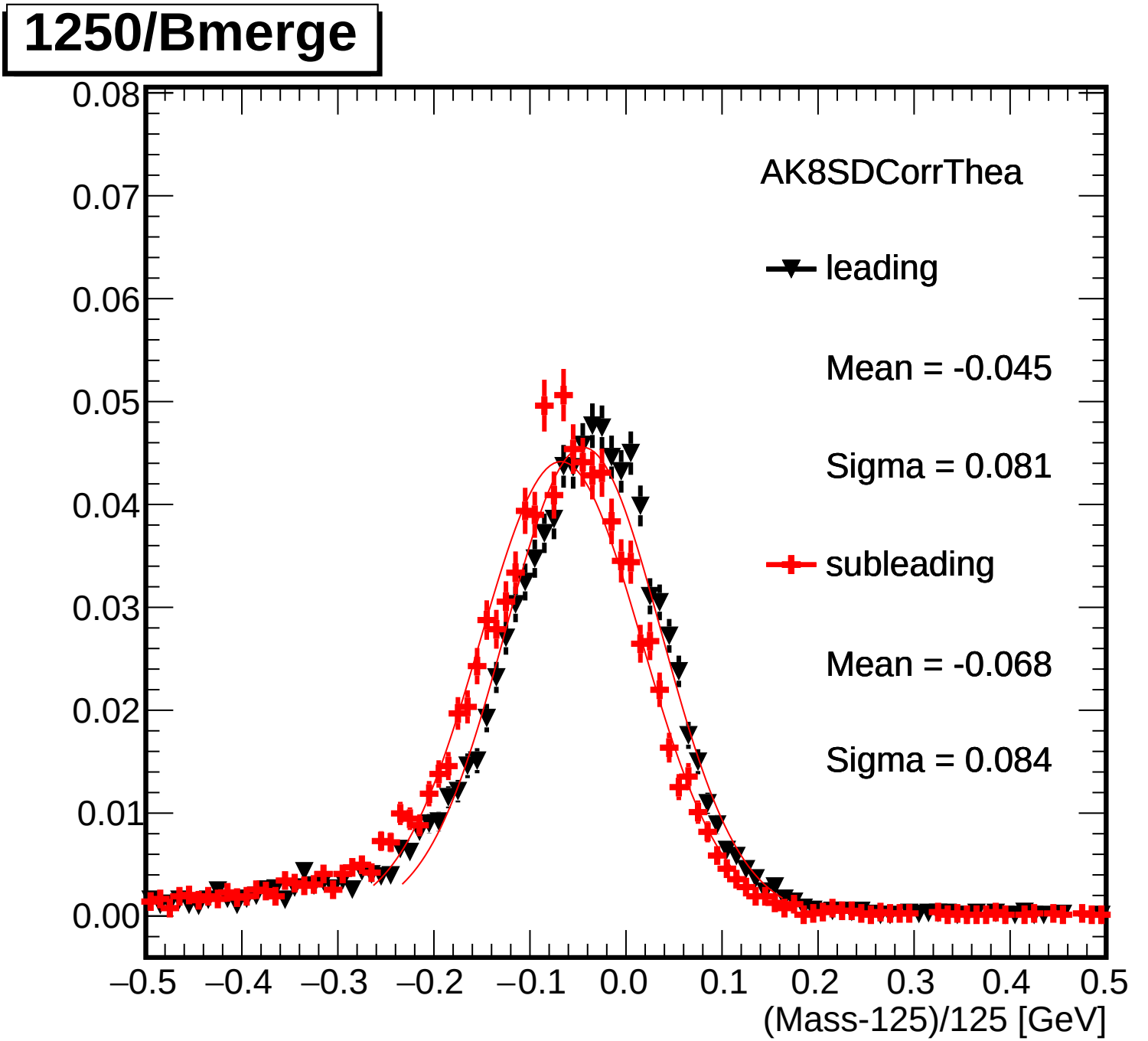

1250/Bmerge
PRCorr
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

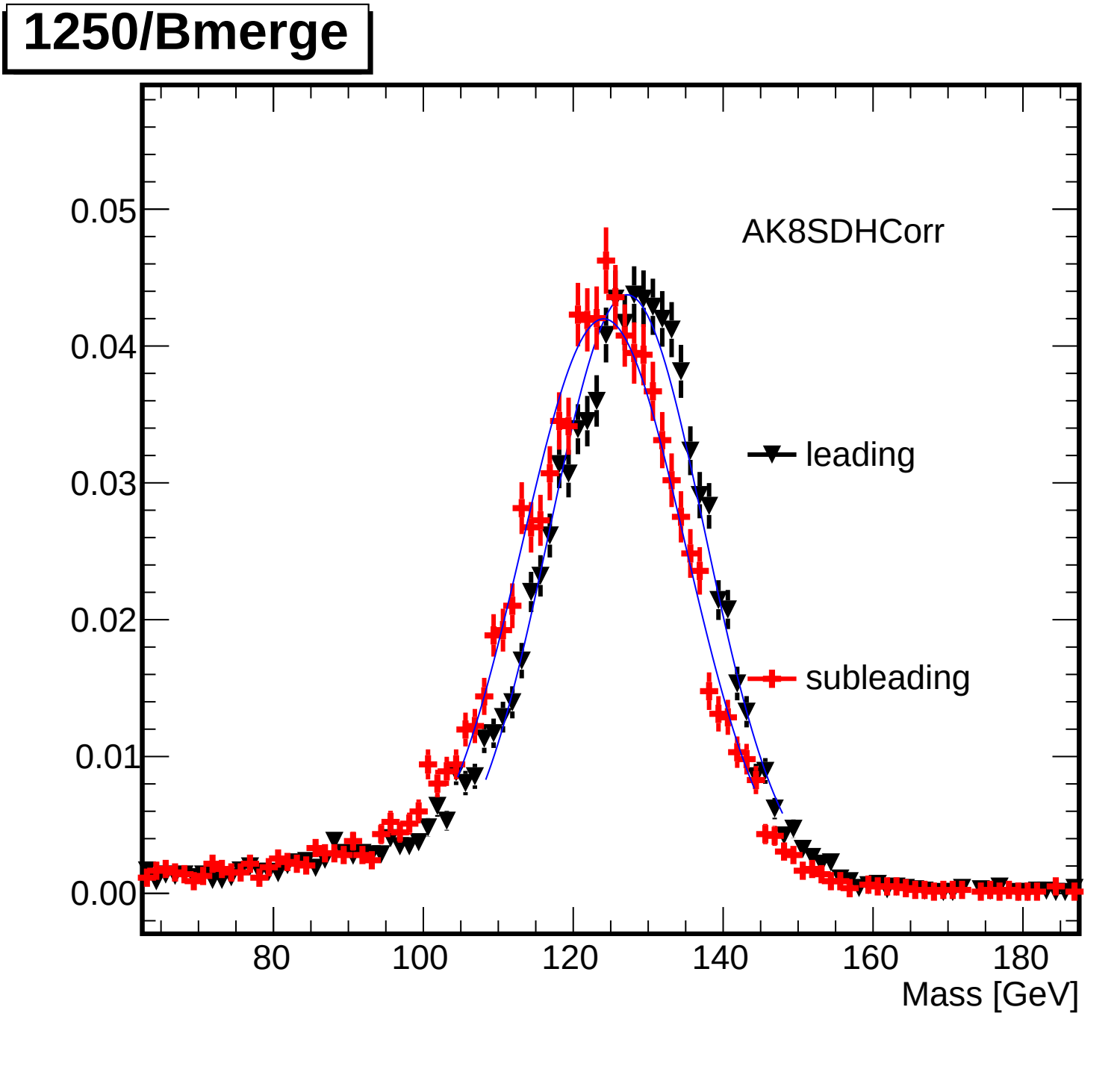

1250/Bmerge
PRCorr
leading
Mean = -0.070
Sigma = 0.077
subleading
Mean = -0.093
Sigma = 0.080
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

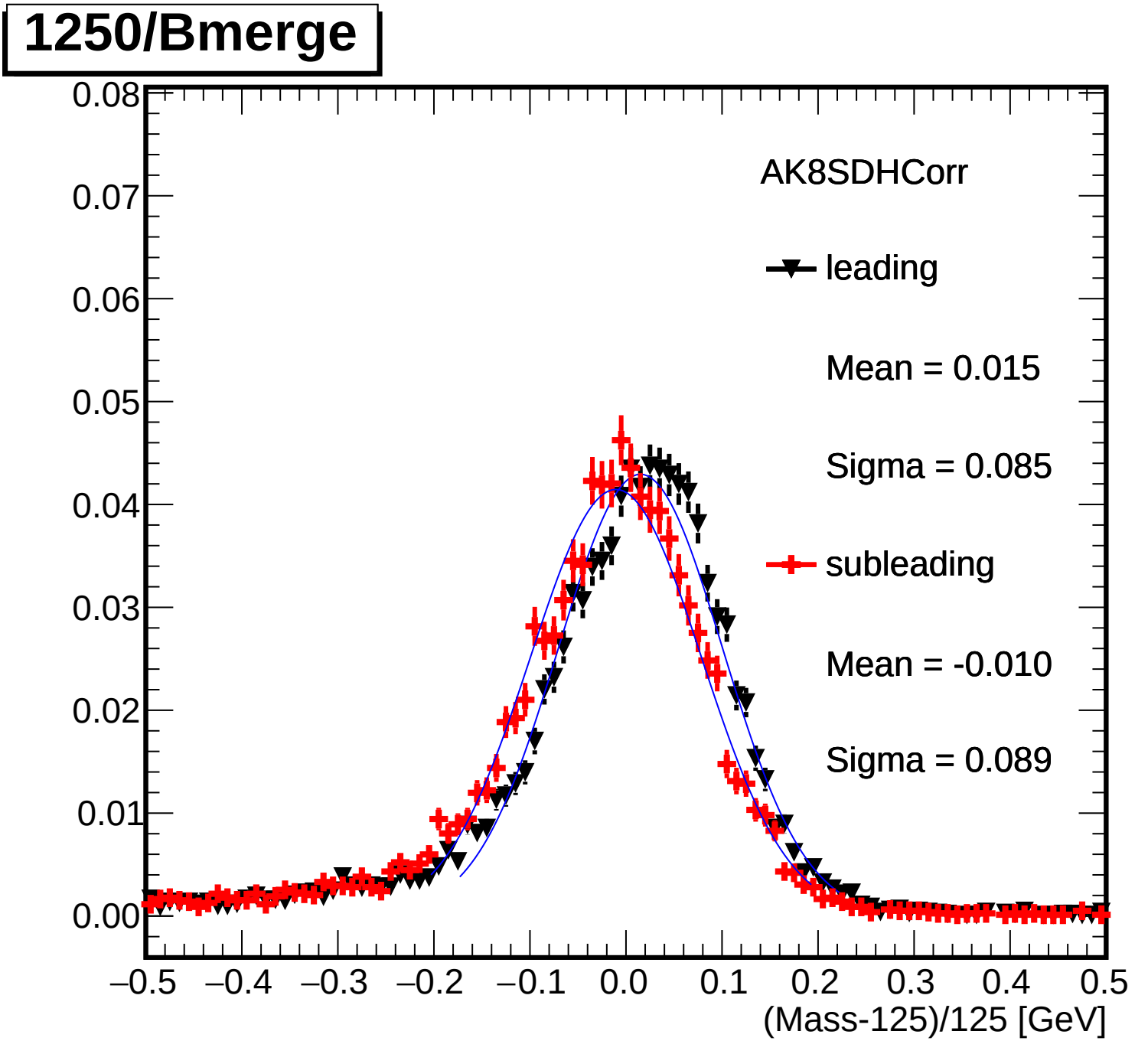

1250/Bmerge
AK8SD
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1250/Bmerge
AK8SD
leading
Mean = -0.130
Sigma = 0.075
subleading
Mean = -0.151
Sigma = 0.078
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]


1250/Bmerge
AK8SDCorrThea
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1250/Bmerge
AK8SDCorrThea
leading
Mean = -0.045
Sigma = 0.081
subleading
Mean = -0.068
Sigma = 0.084
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]


1250/Bmerge
AK8SDHCorr
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1250/Bmerge
AK8SDHCorr
leading
Mean = 0.015
Sigma = 0.085
subleading
Mean = -0.010
Sigma = 0.089
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]