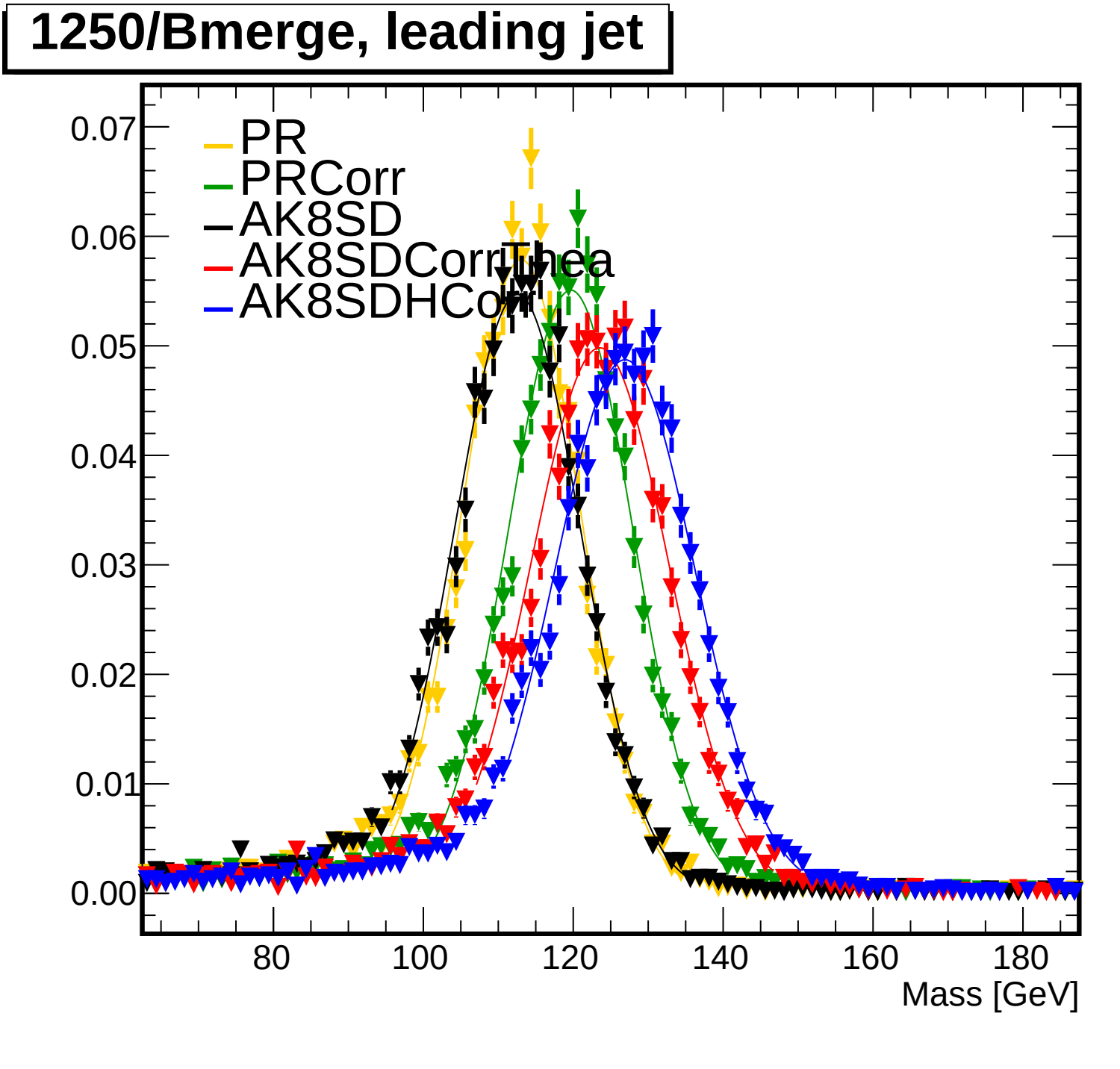
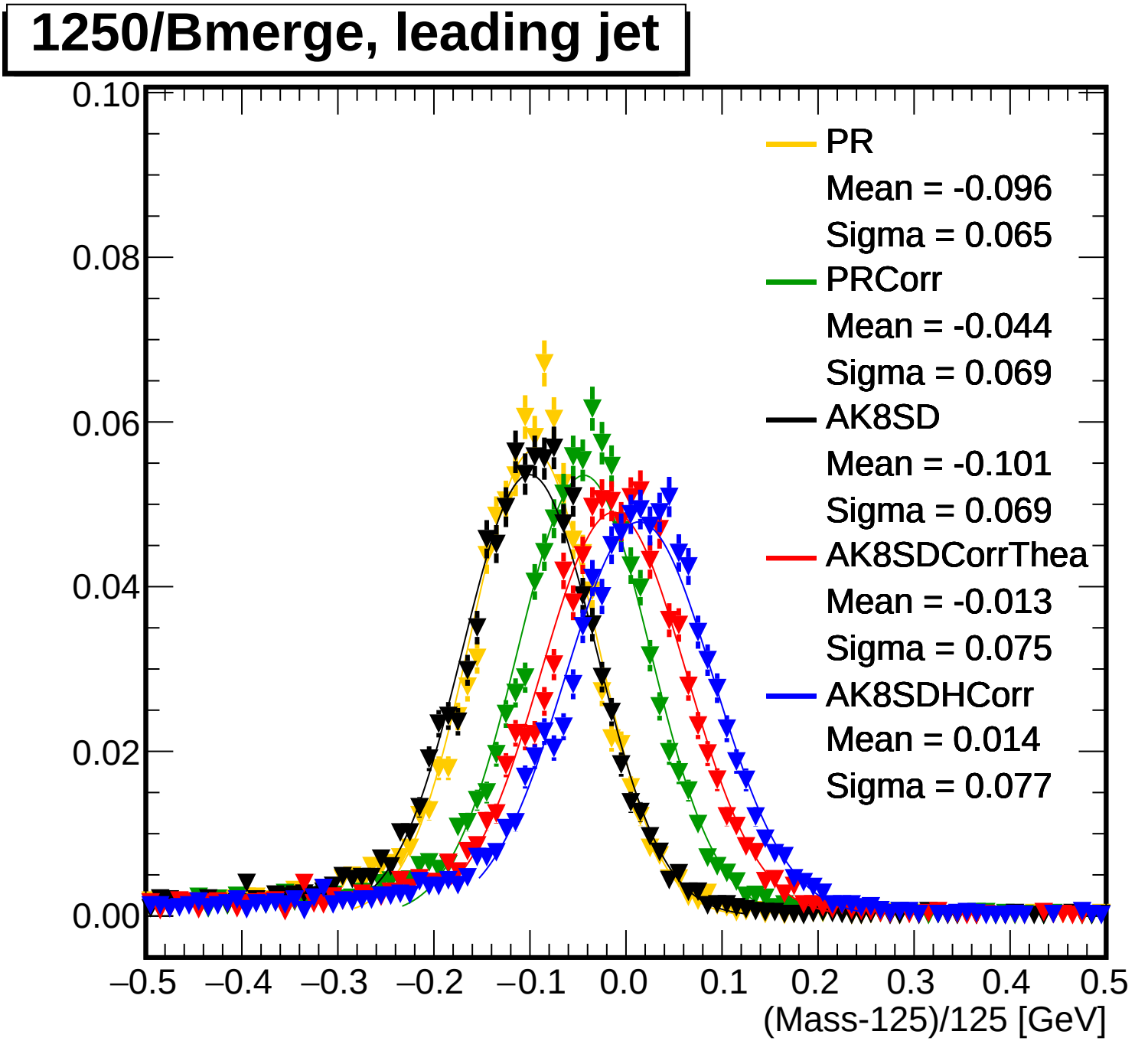
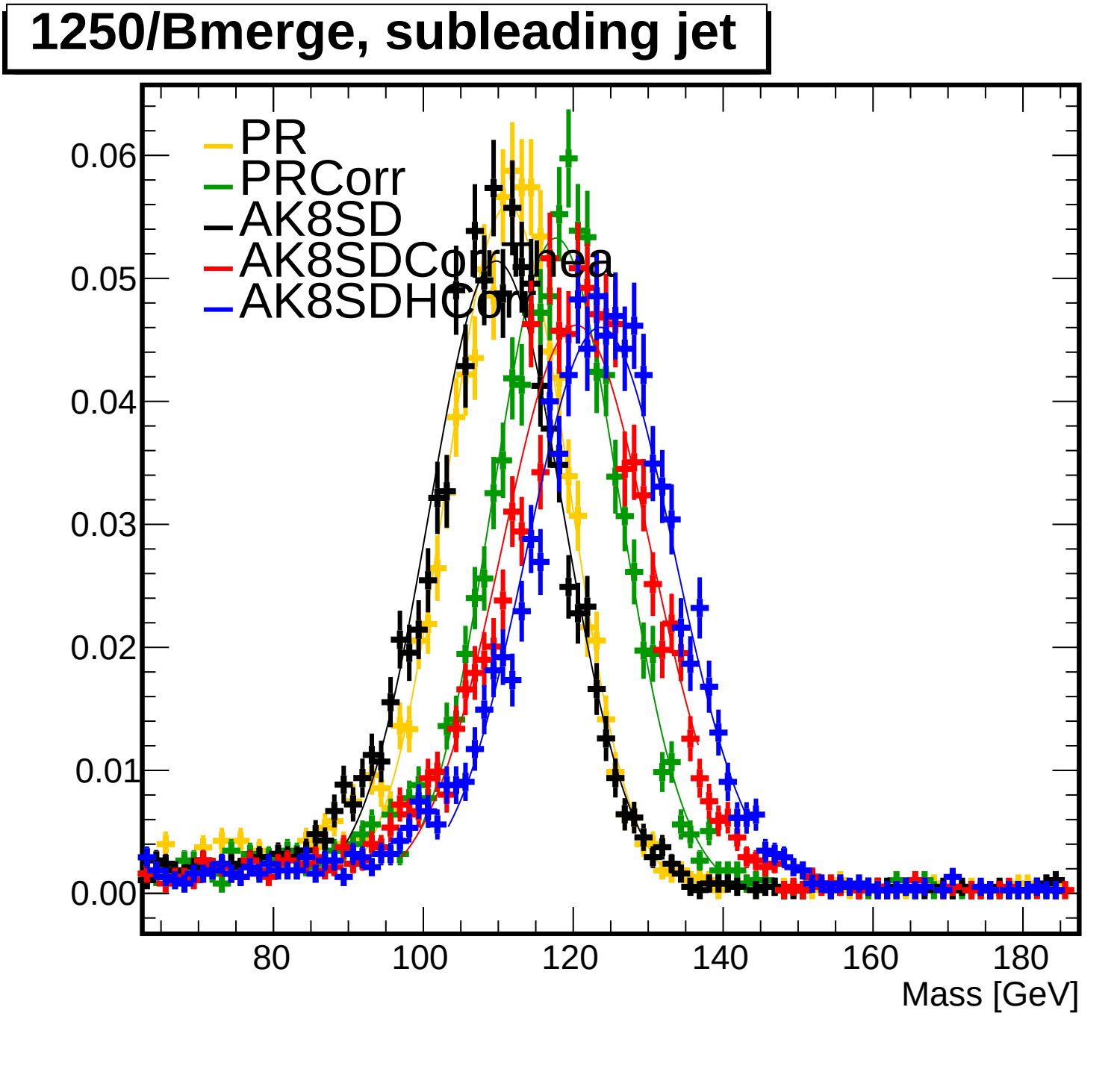
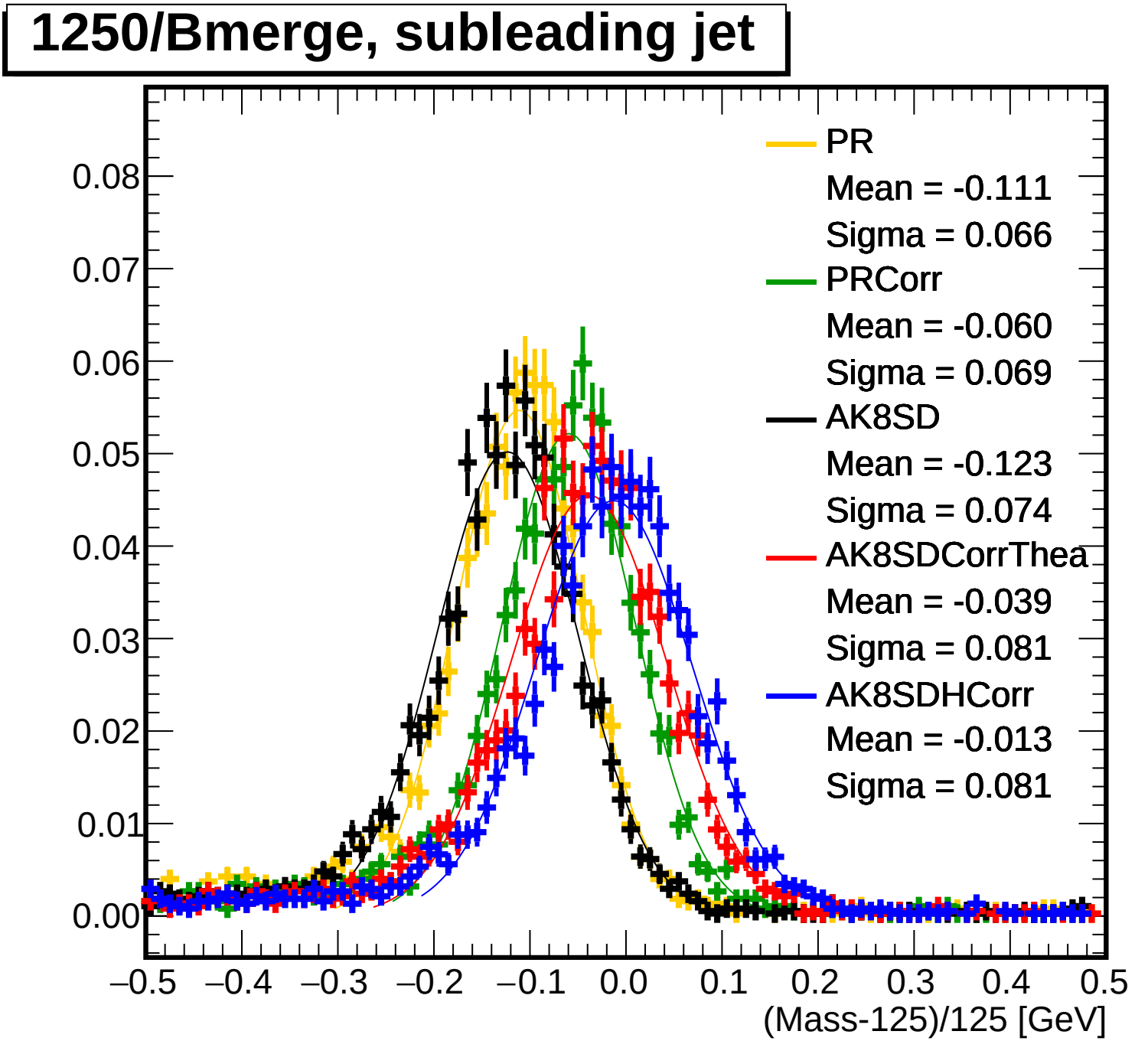
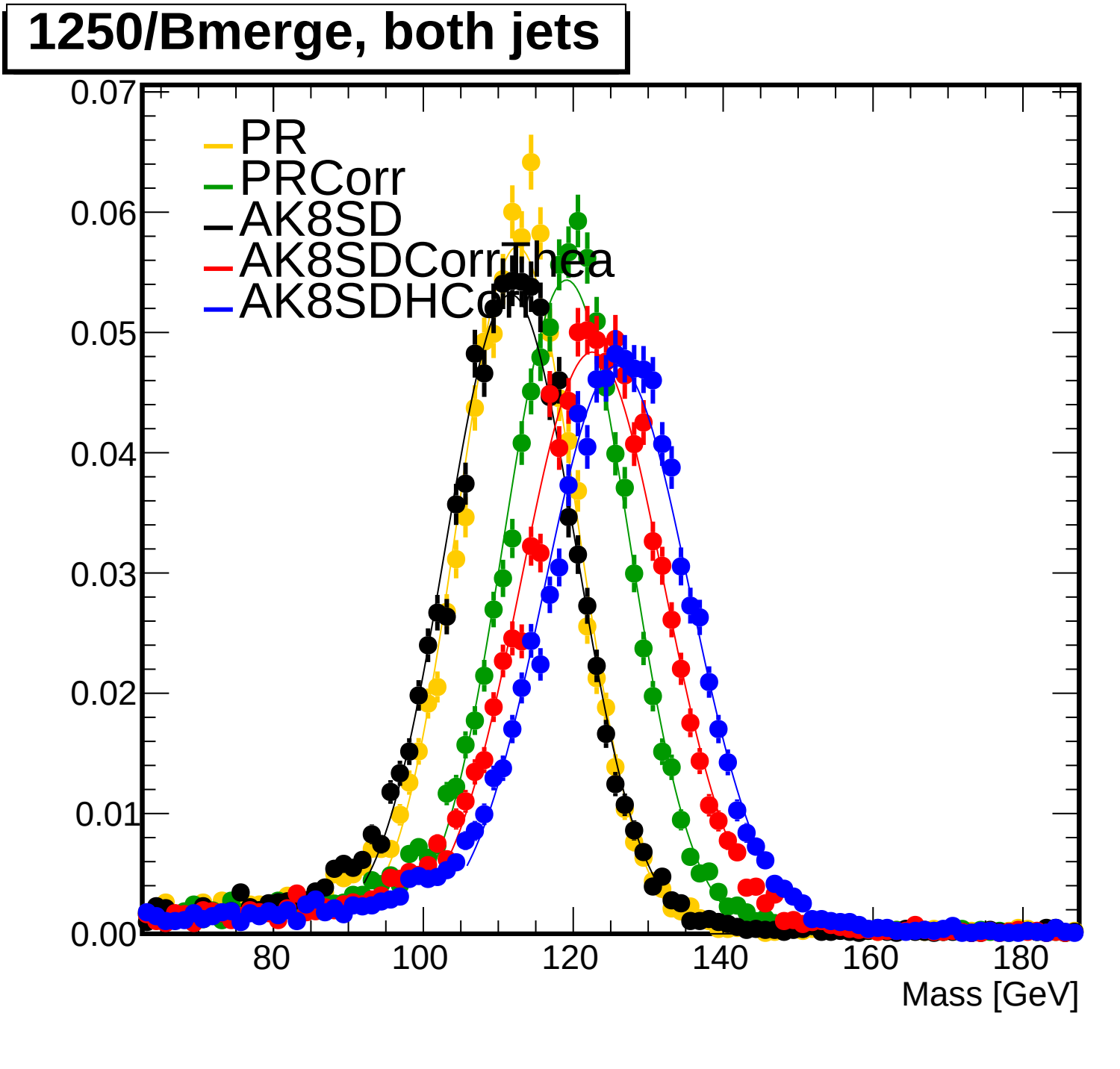
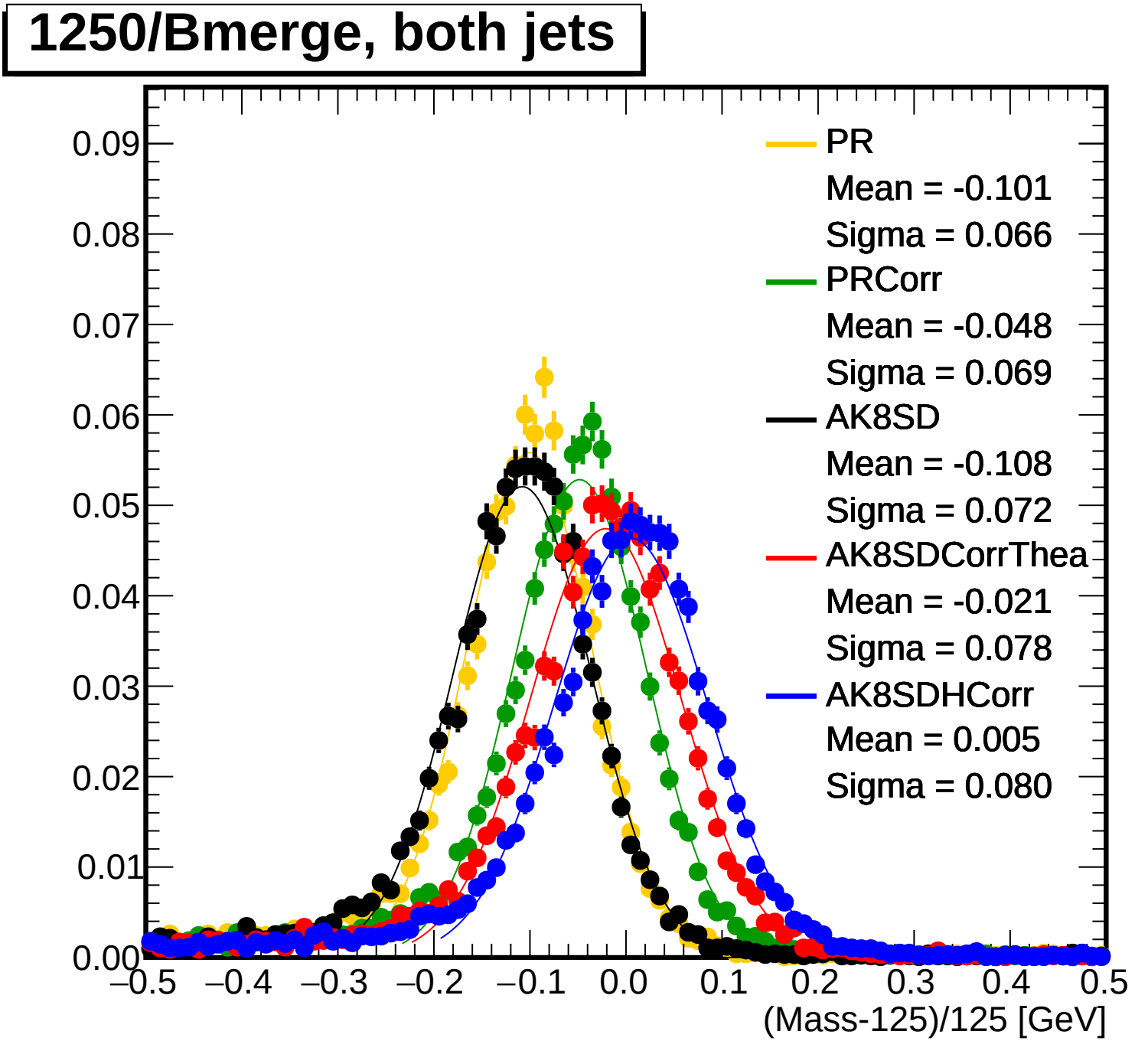

1250/Bmerge, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

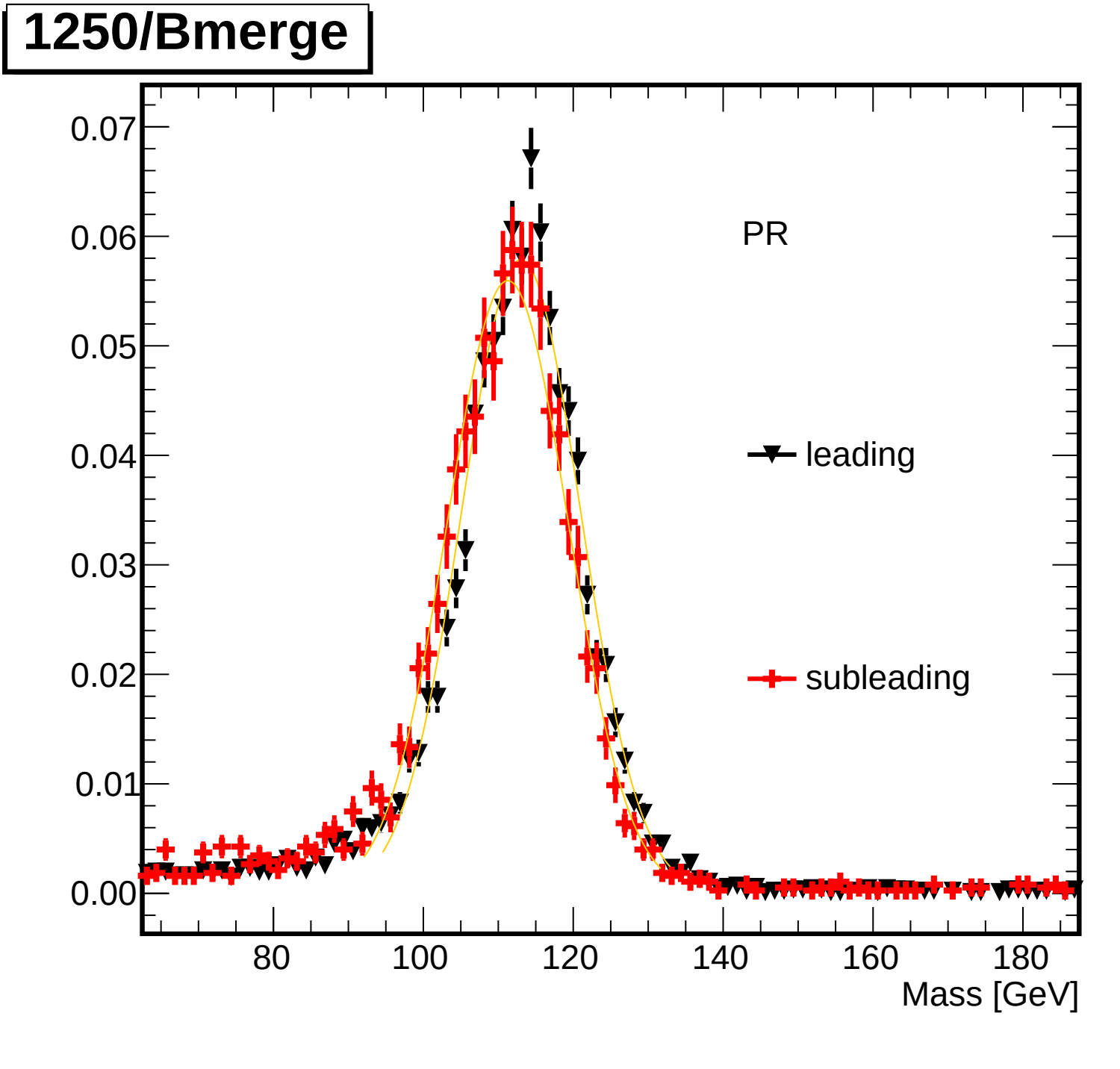

1250/Bmerge, leading jet
PR
Mean = -0.096
Sigma = 0.065
PRCorr
Mean = -0.044
Sigma = 0.069
AK8SD
Mean = -0.101
Sigma = 0.069
AK8SDCorrThea
Mean = -0.013
Sigma = 0.075
AK8SDHCorr
Mean = 0.014
Sigma = 0.077
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

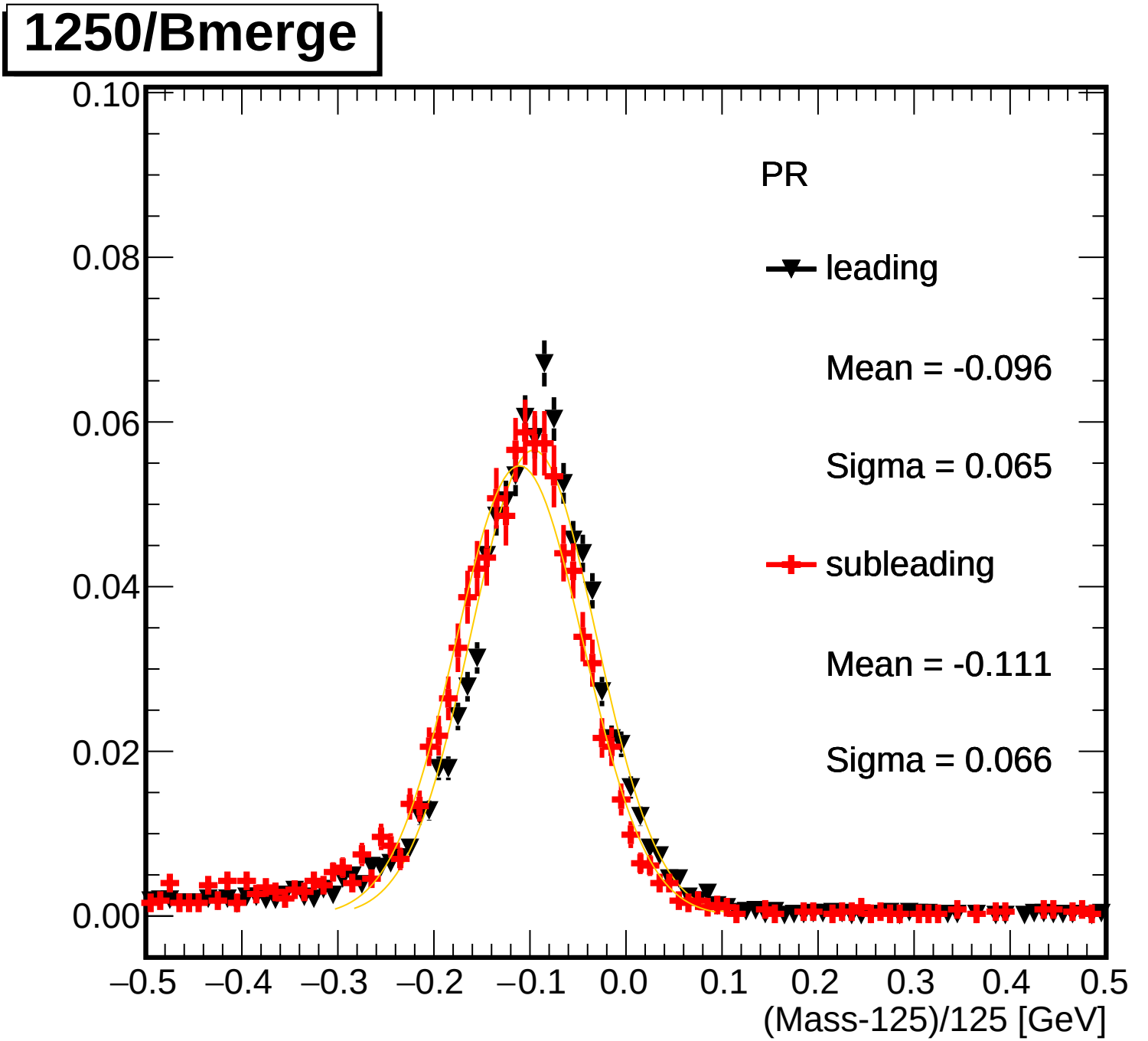

1250/Bmerge, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

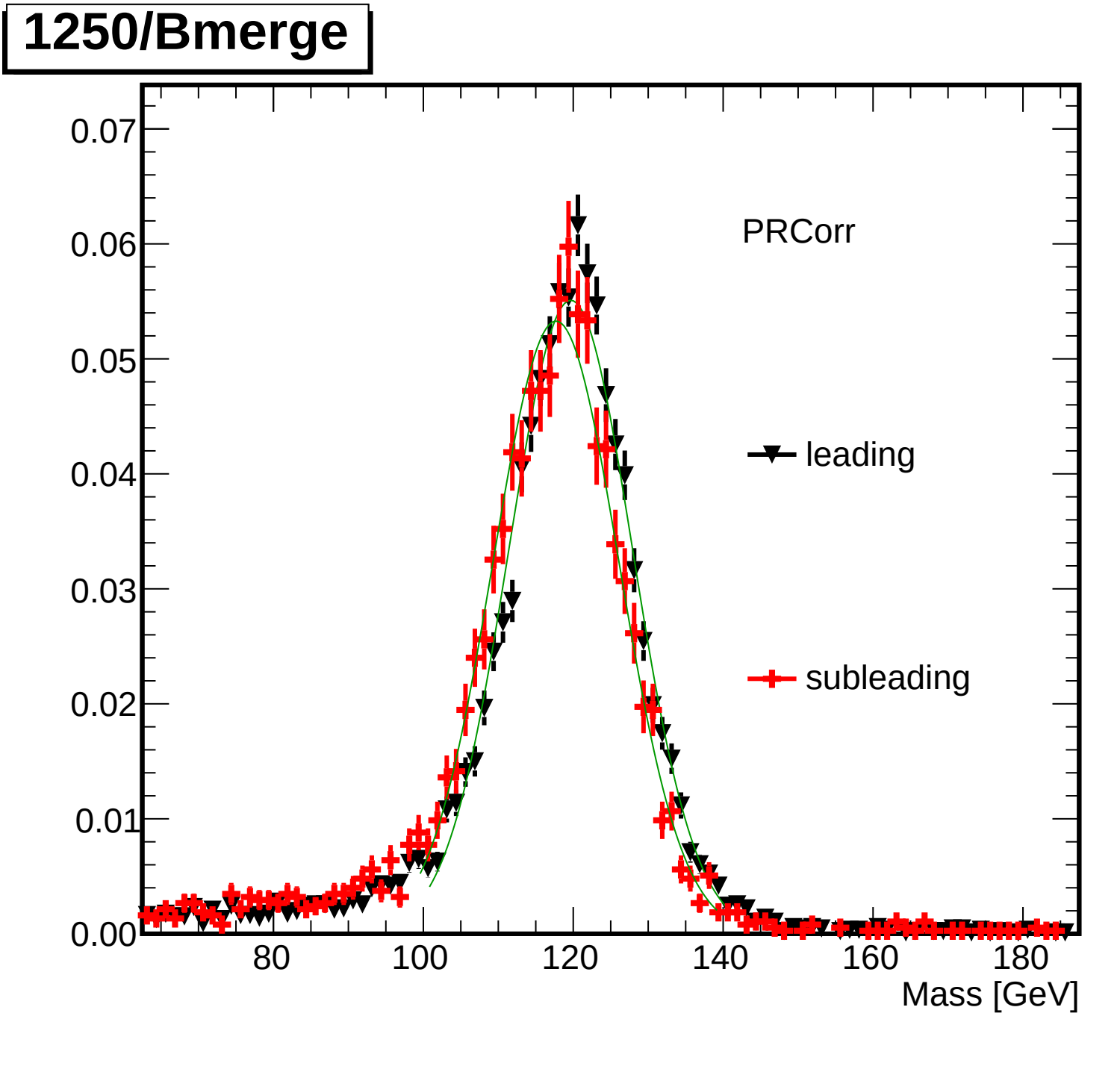

1250/Bmerge, subleading jet
PR
Mean = -0.111
Sigma = 0.066
PRCorr
Mean = -0.060
Sigma = 0.069
AK8SD
Mean = -0.123
Sigma = 0.074
AK8SDCorrThea
Mean = -0.039
Sigma = 0.081
AK8SDHCorr
Mean = -0.013
Sigma = 0.081
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

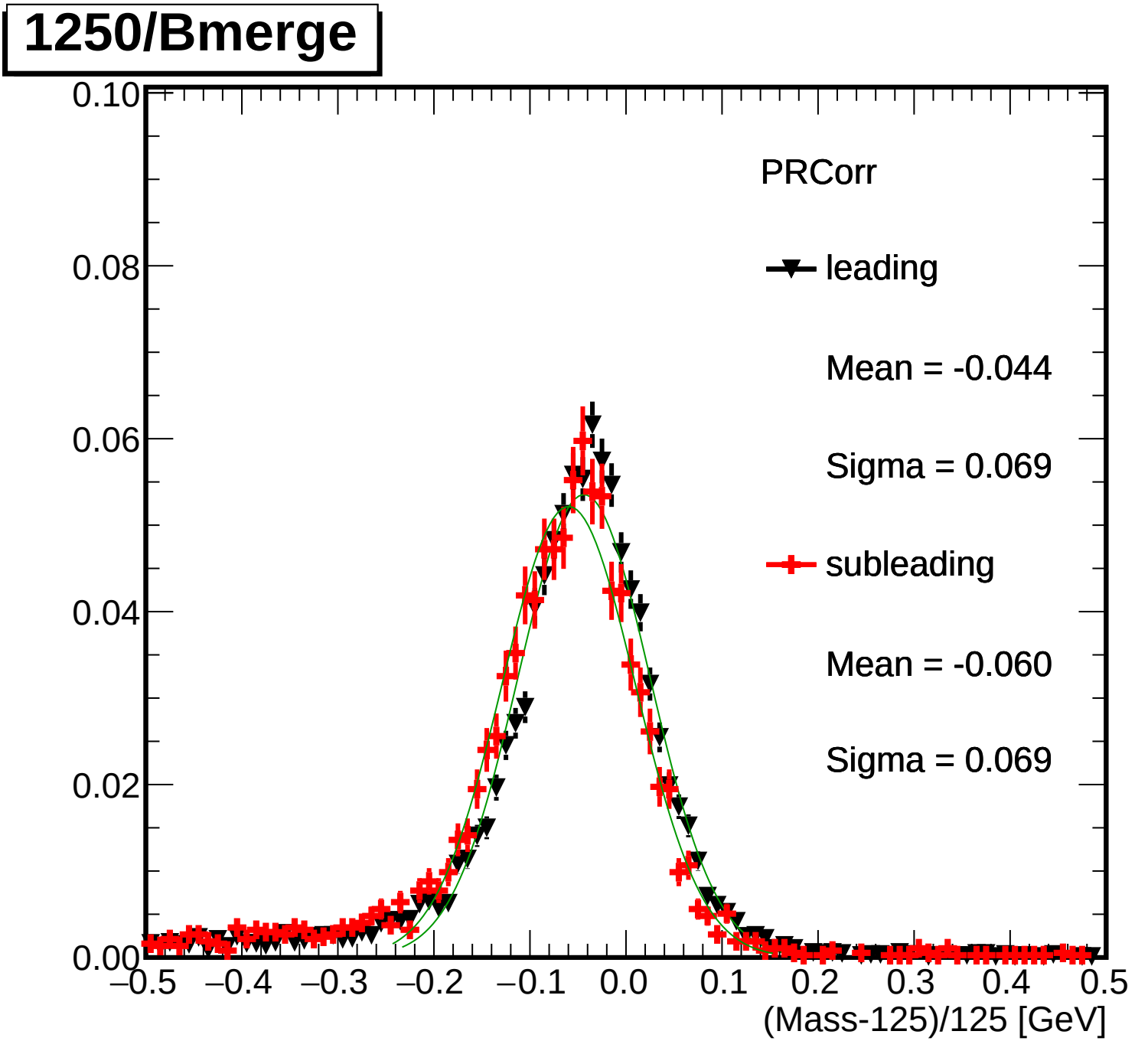

1250/Bmerge, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1250/Bmerge, both jets
PR
Mean = -0.101
Sigma = 0.066
PRCorr
Mean = -0.048
Sigma = 0.069
AK8SD
Mean = -0.108
Sigma = 0.072
AK8SDCorrThea
Mean = -0.021
Sigma = 0.078
AK8SDHCorr
Mean = 0.005
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]

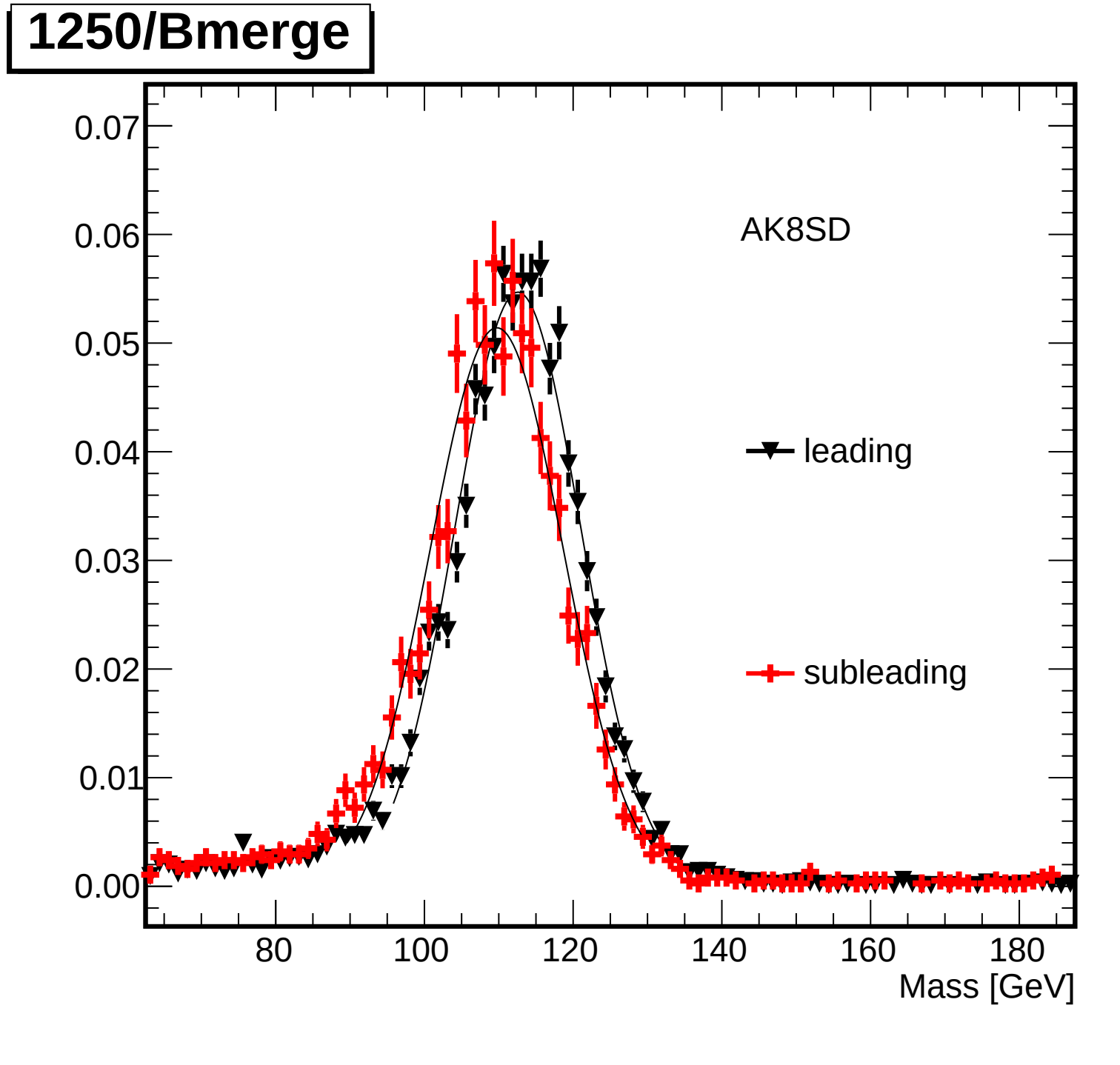

1250/Bmerge
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

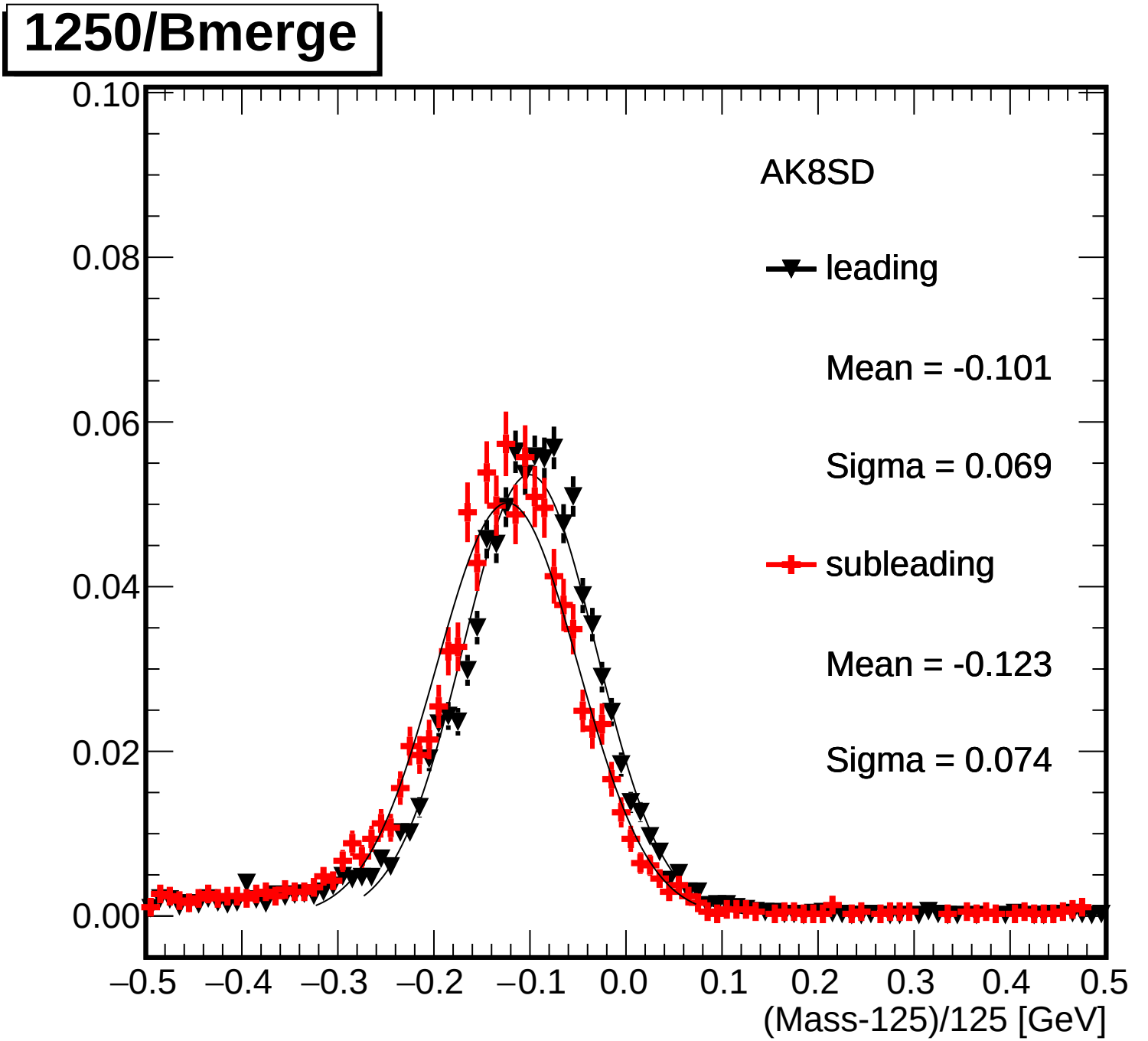

1250/Bmerge
PR
leading
Mean = -0.096
Sigma = 0.065
subleading
Mean = -0.111
Sigma = 0.066
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

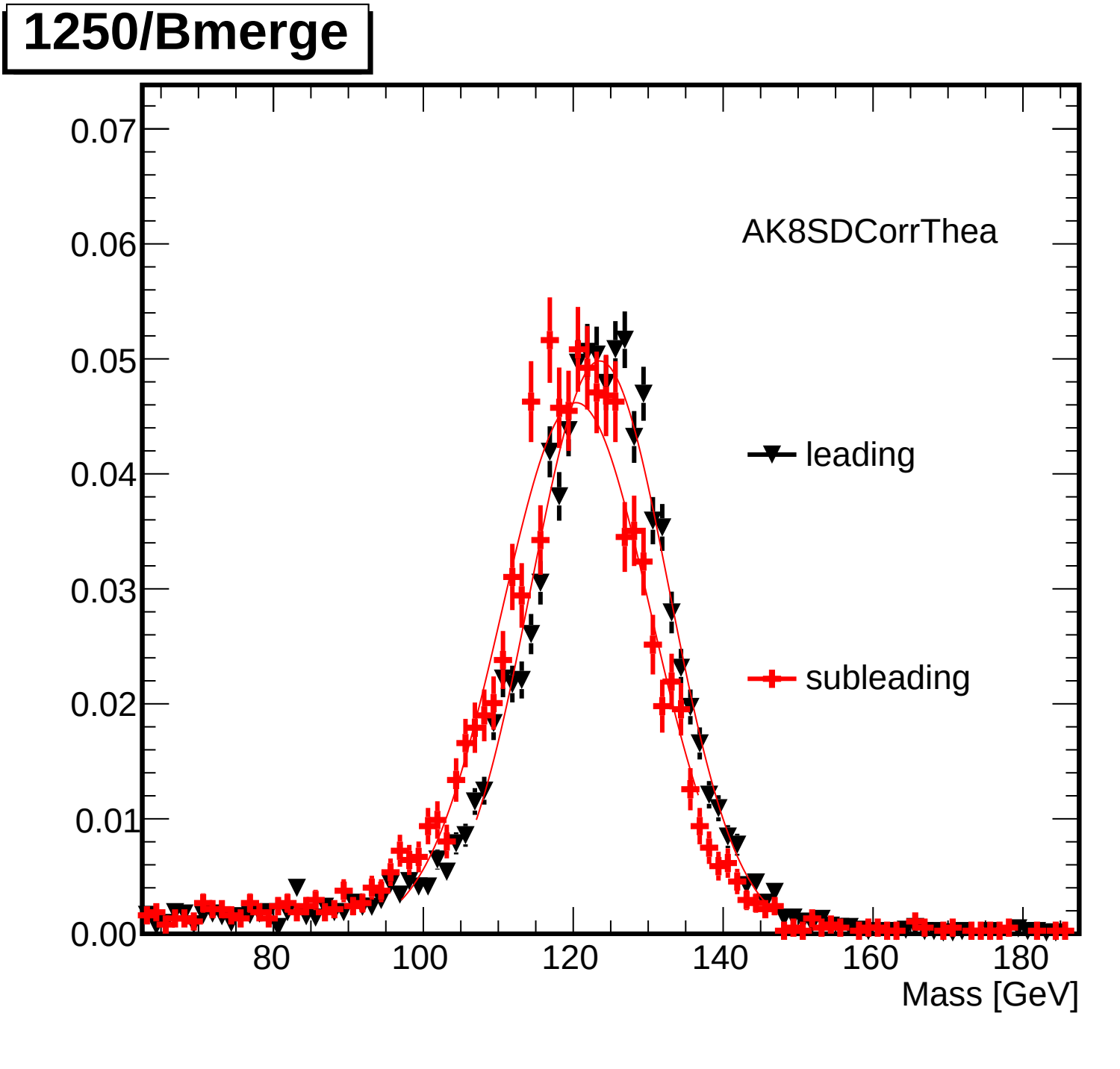

1250/Bmerge
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

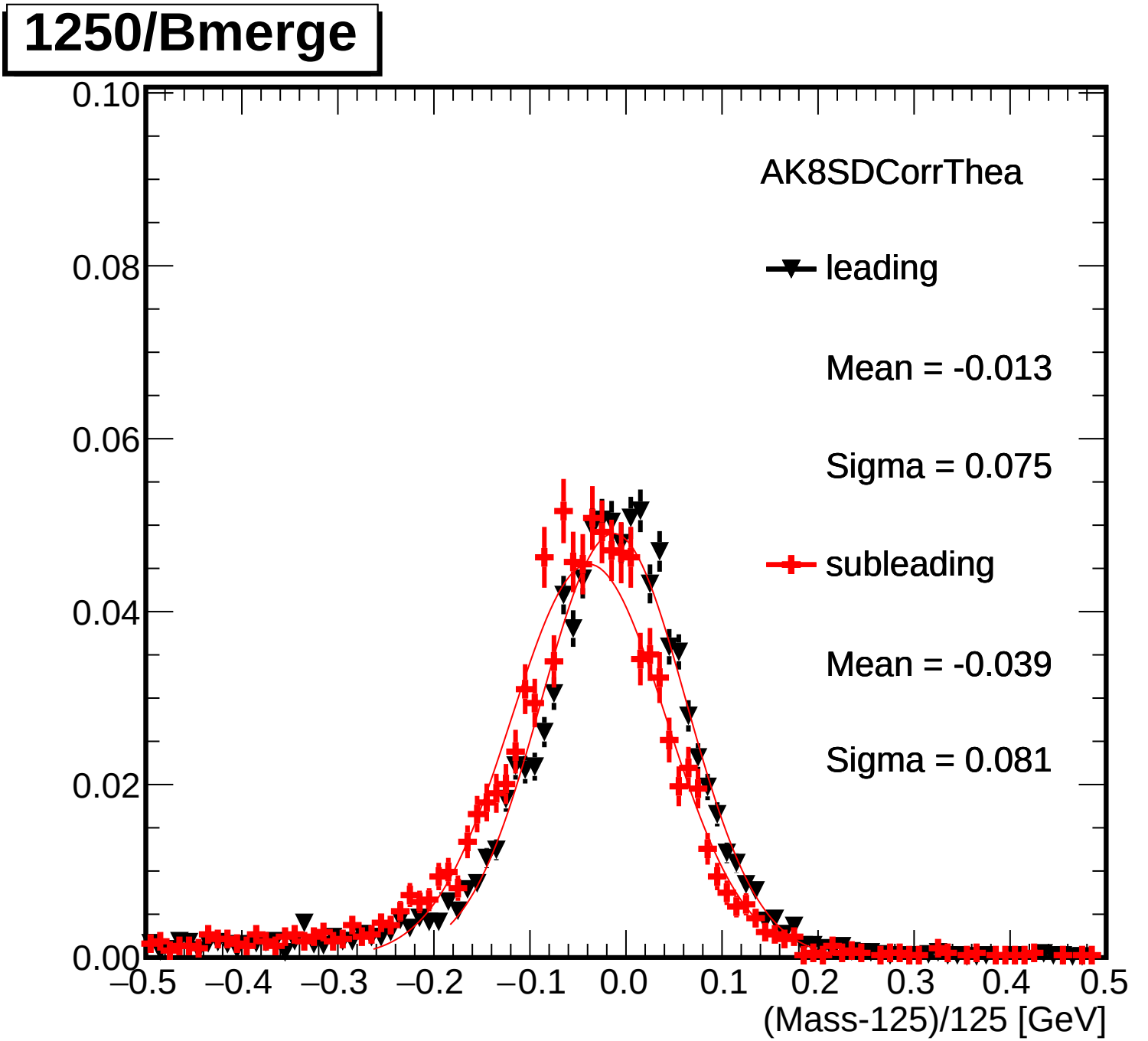

1250/Bmerge
PRCorr
leading
Mean = -0.044
Sigma = 0.069
subleading
Mean = -0.060
Sigma = 0.069
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

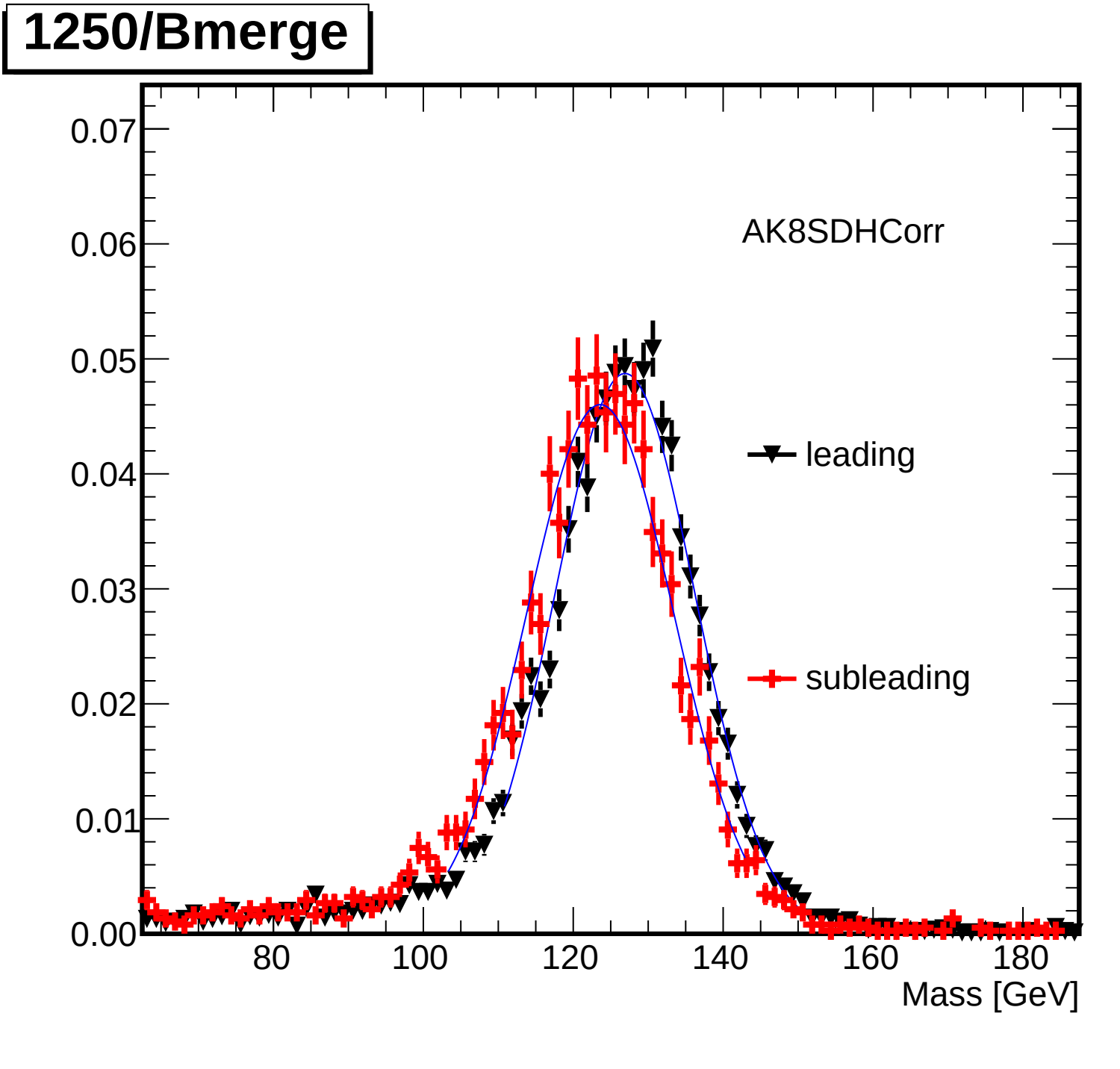
1250/Bmerge

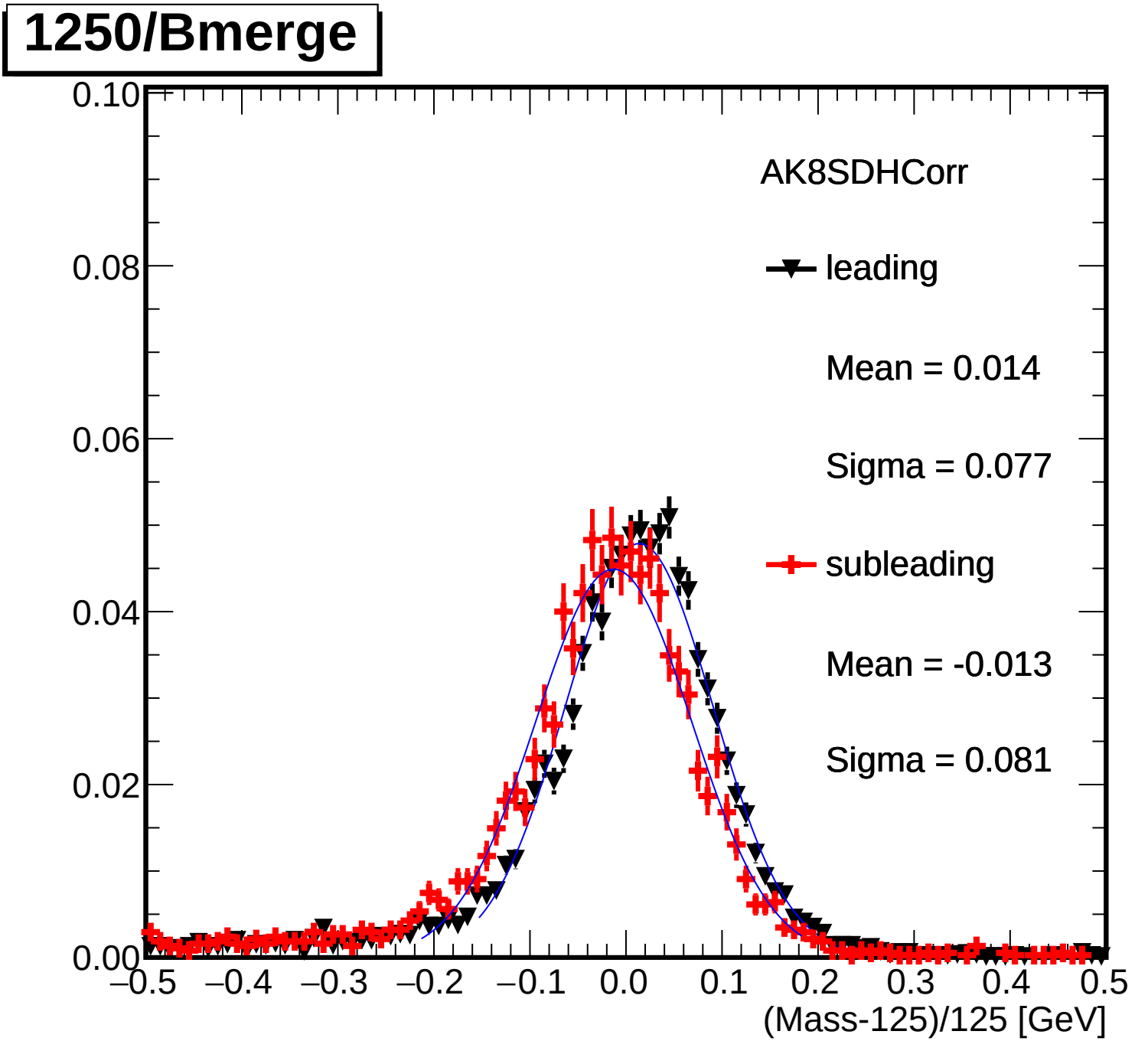

AK8SD
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1250/Bmerge
AK8SD
leading
Mean = -0.101
Sigma = 0.069
subleading
Mean = -0.123
Sigma = 0.074
0.10
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]


1250/Bmerge
AK8SDCorrThea
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]


1250/Bmerge
AK8SDCorrThea
leading
Mean = -0.013
Sigma = 0.075
subleading
Mean = -0.039
Sigma = 0.081
0.10
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]


1250/Bmerge
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]


1250/Bmerge
AK8SDHCorr
leading
Mean = 0.014
Sigma = 0.077
subleading
Mean = -0.013
Sigma = 0.081
0.10
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]