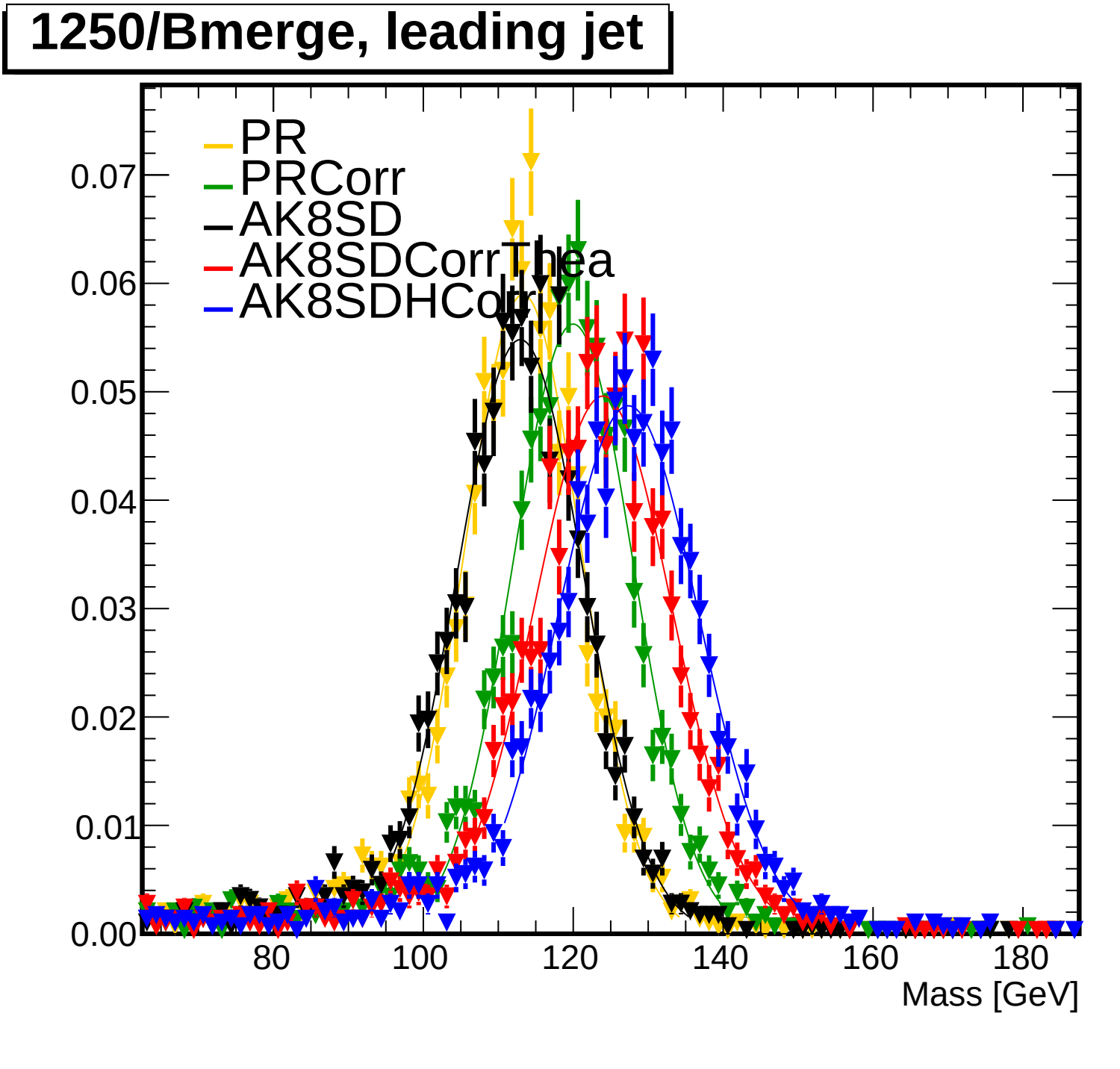
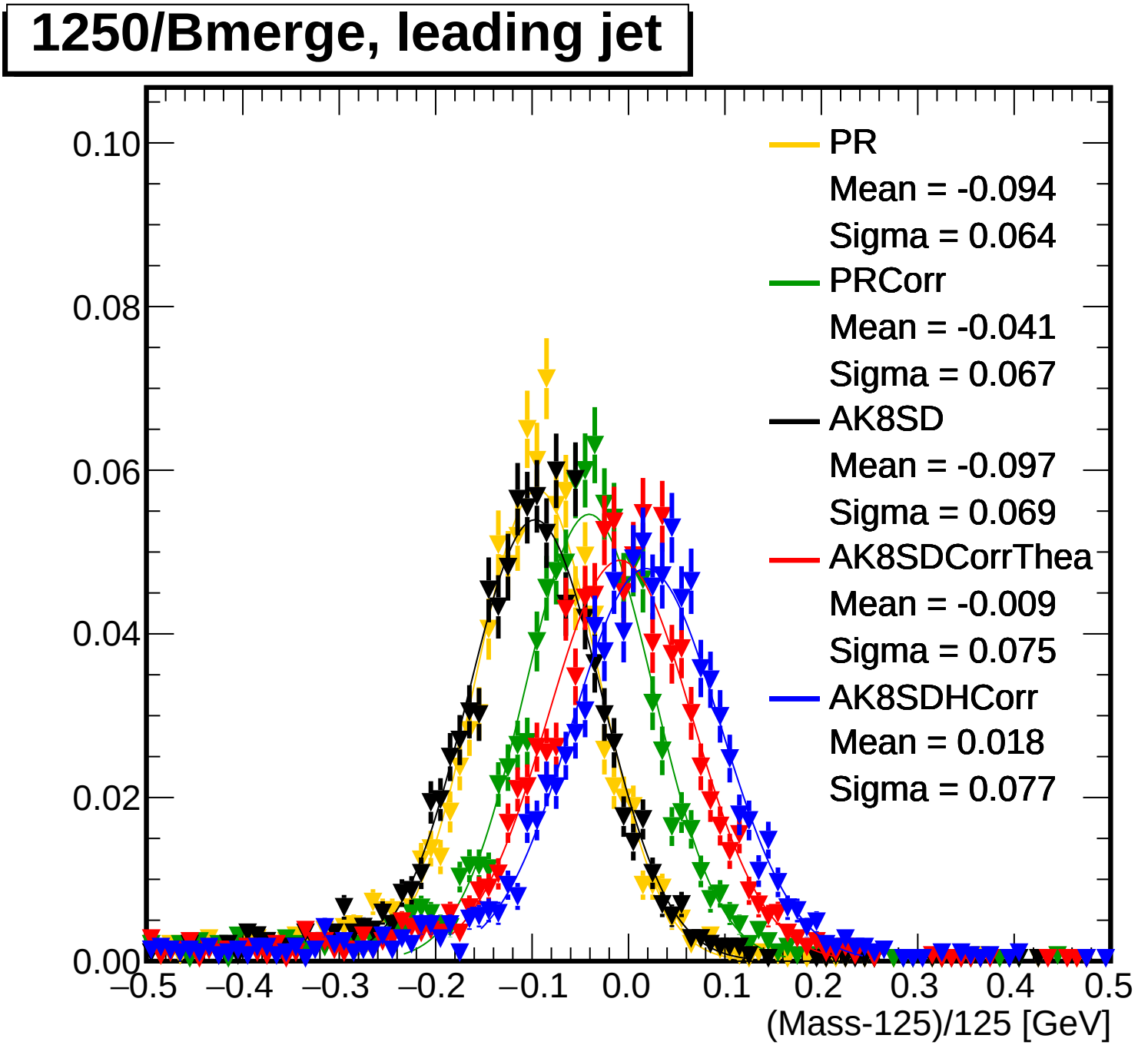
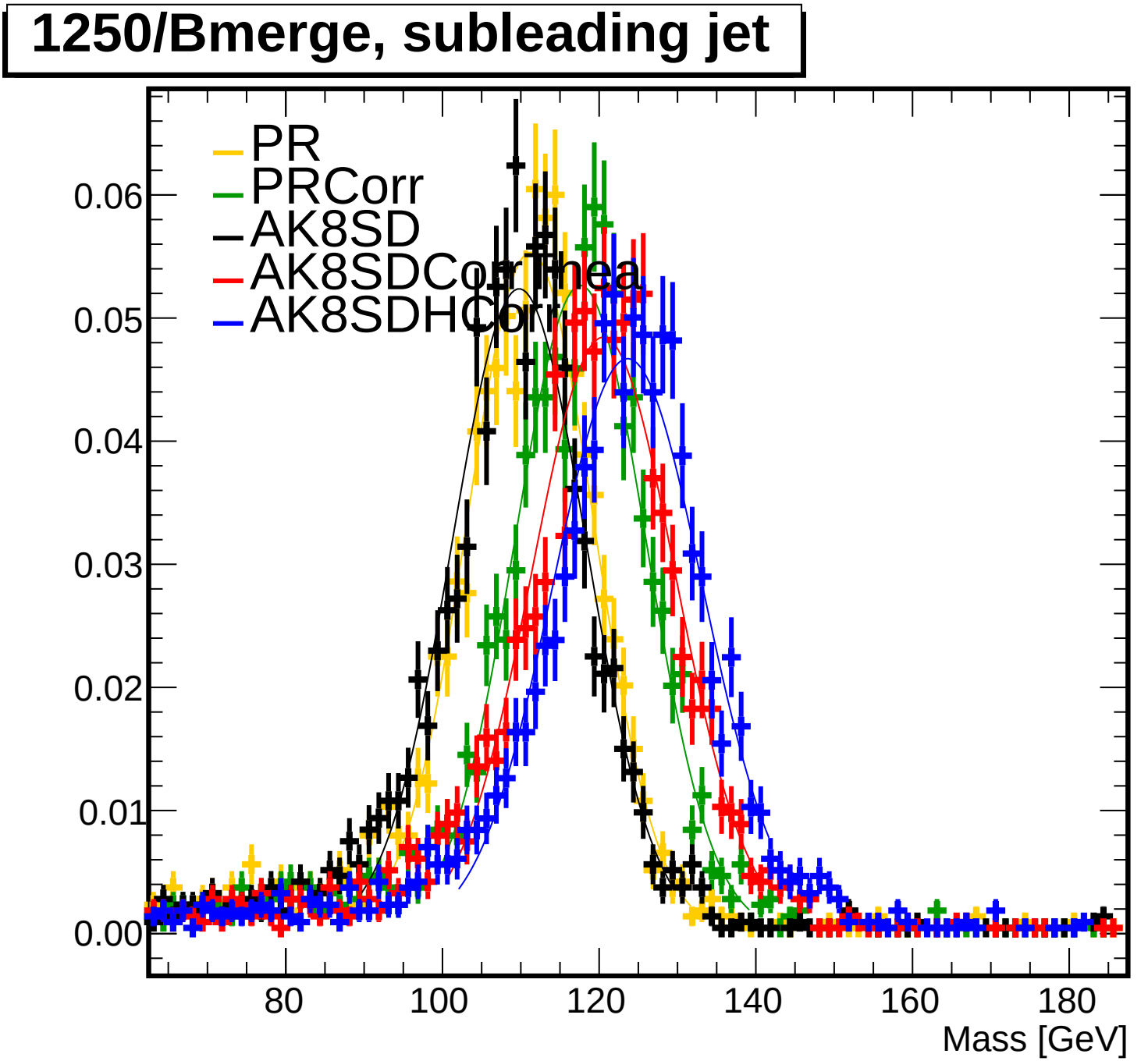
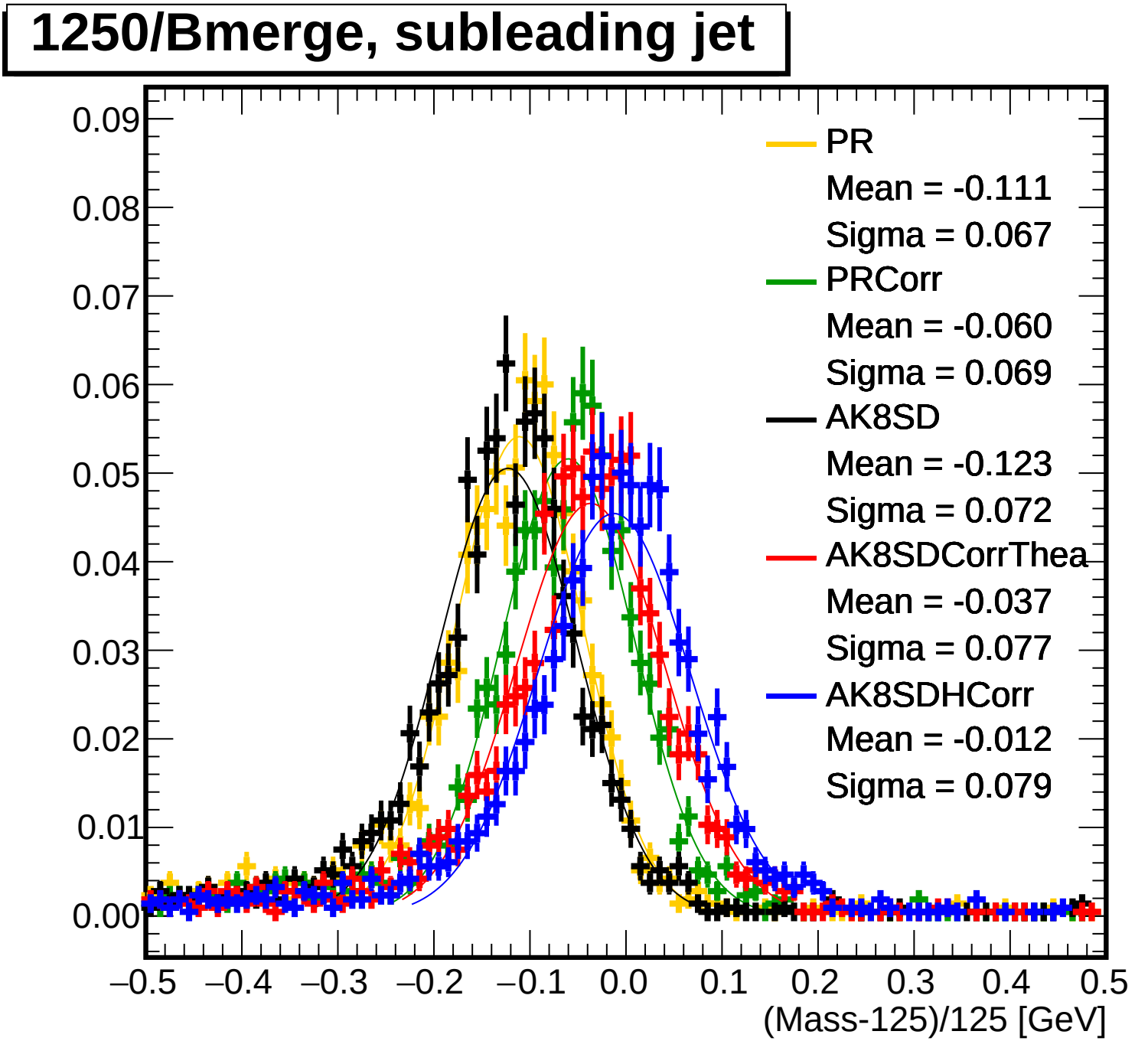
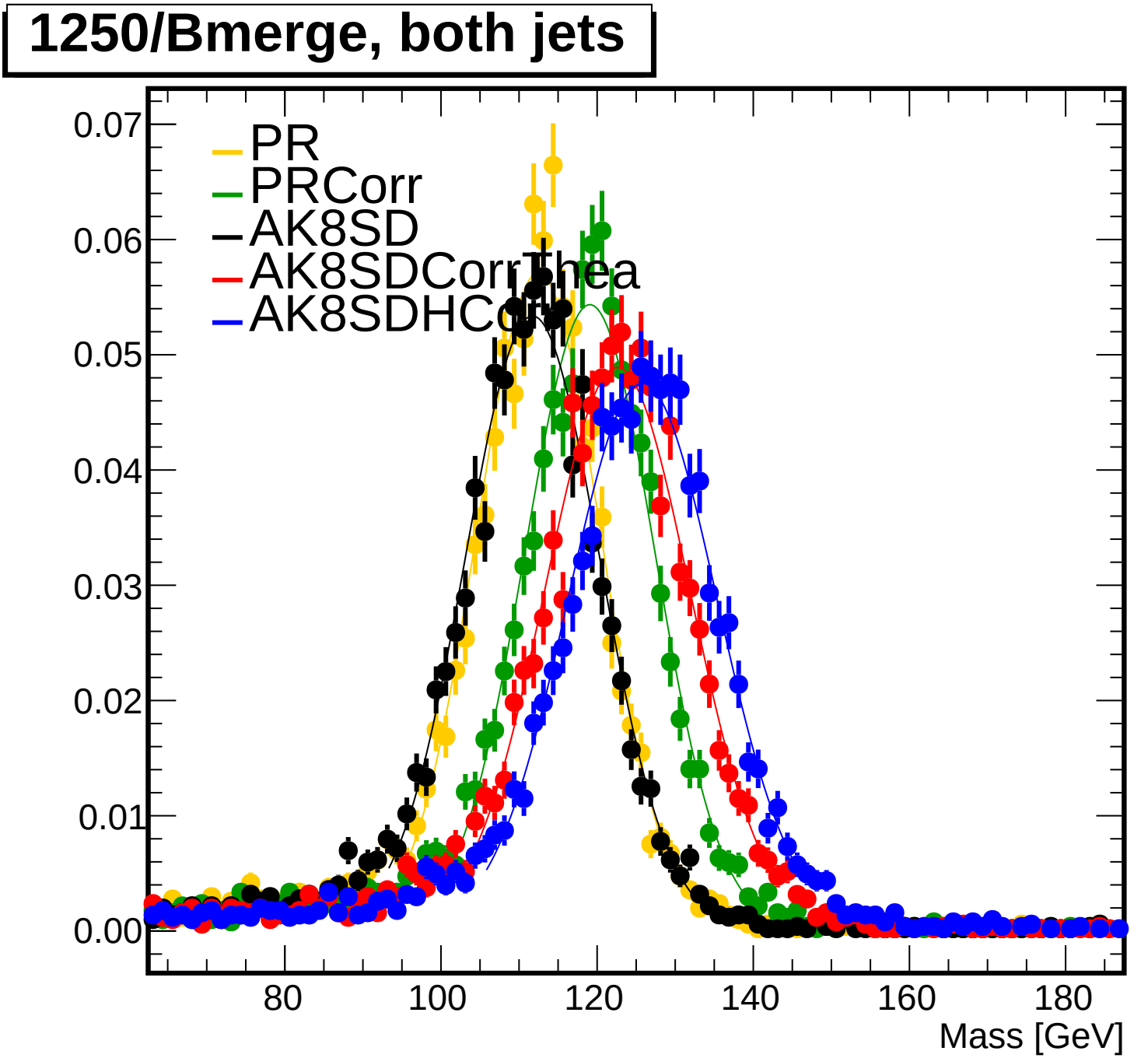
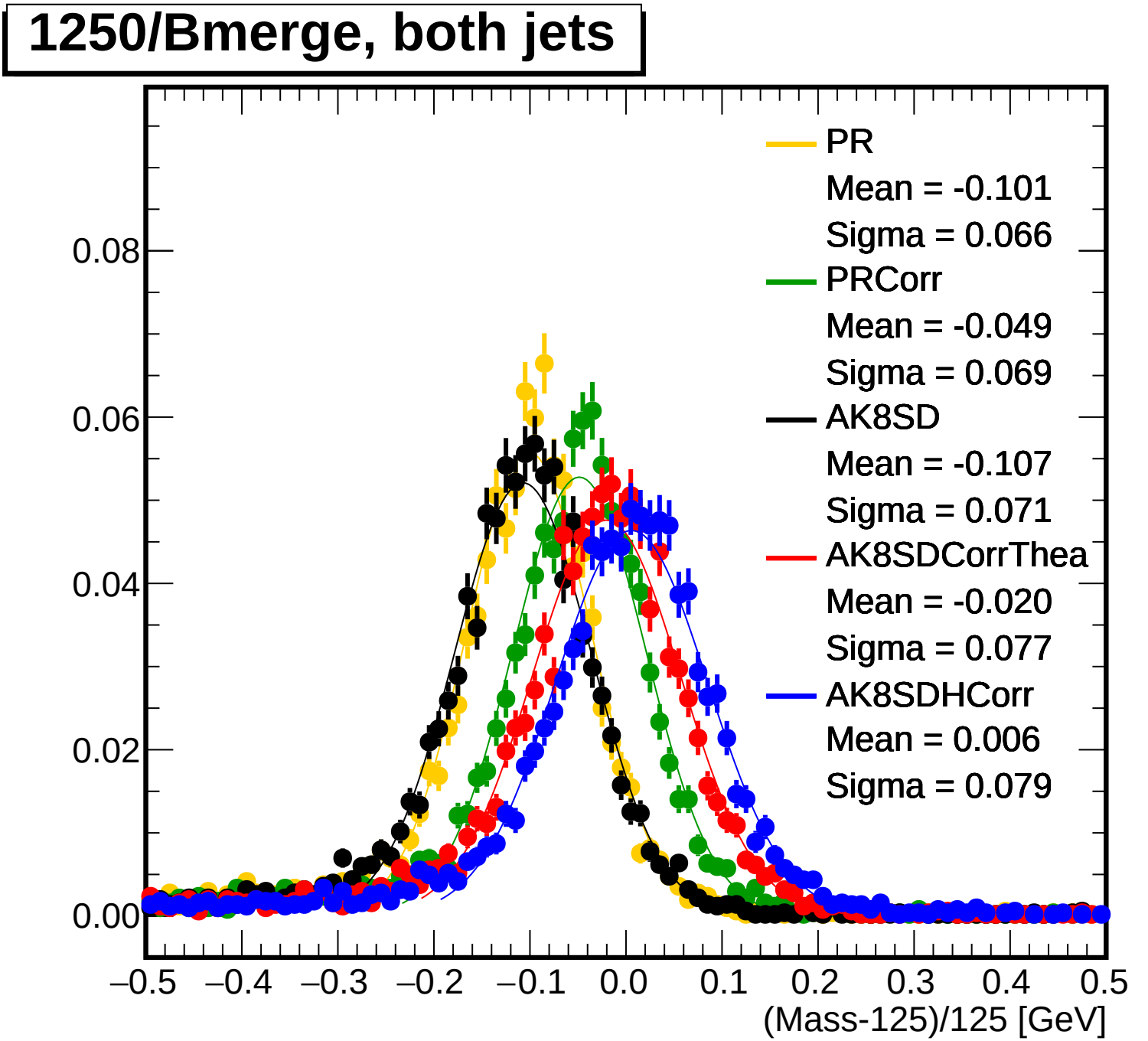

1250/Bmerge, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

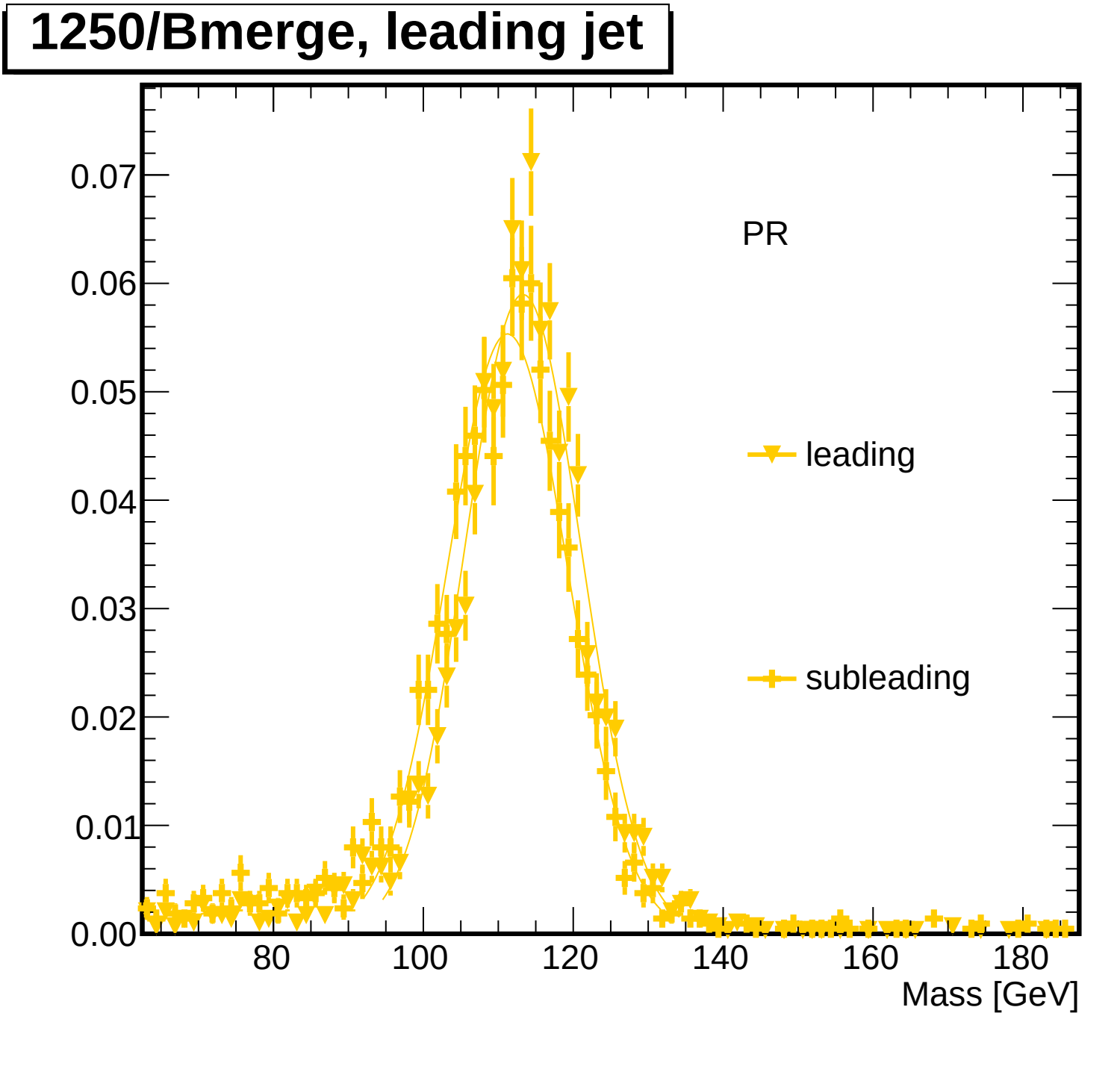

1250/Bmerge, leading jet
PR
Mean = -0.094
Sigma = 0.064
PRCorr
Mean = -0.041
Sigma = 0.067
AK8SD
Mean = -0.097
Sigma = 0.069
AK8SDCorrThea
Mean = -0.009
Sigma = 0.075
AK8SDHCorr
Mean = 0.018
Sigma = 0.077
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

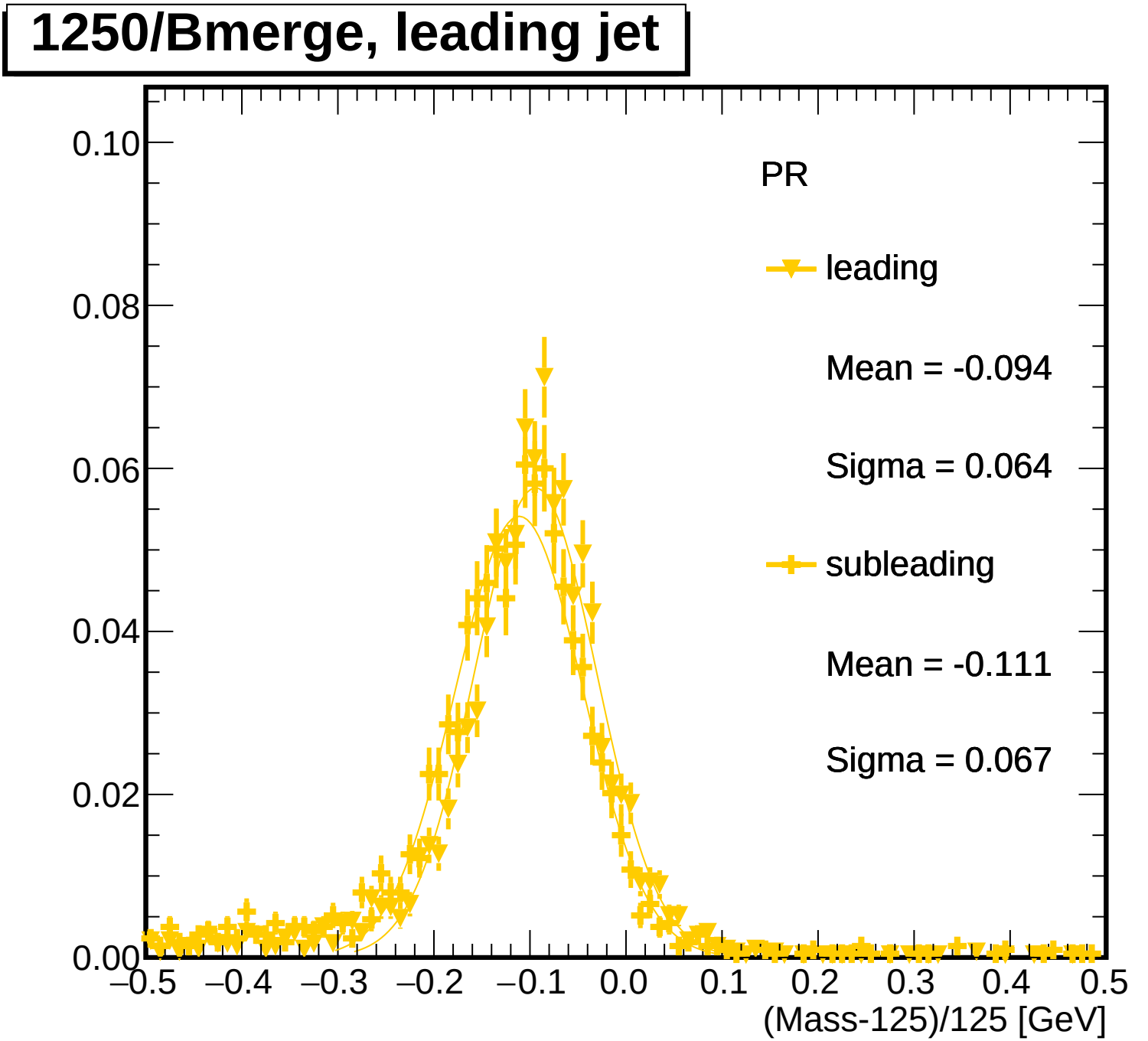

1250/Bmerge, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrMnea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

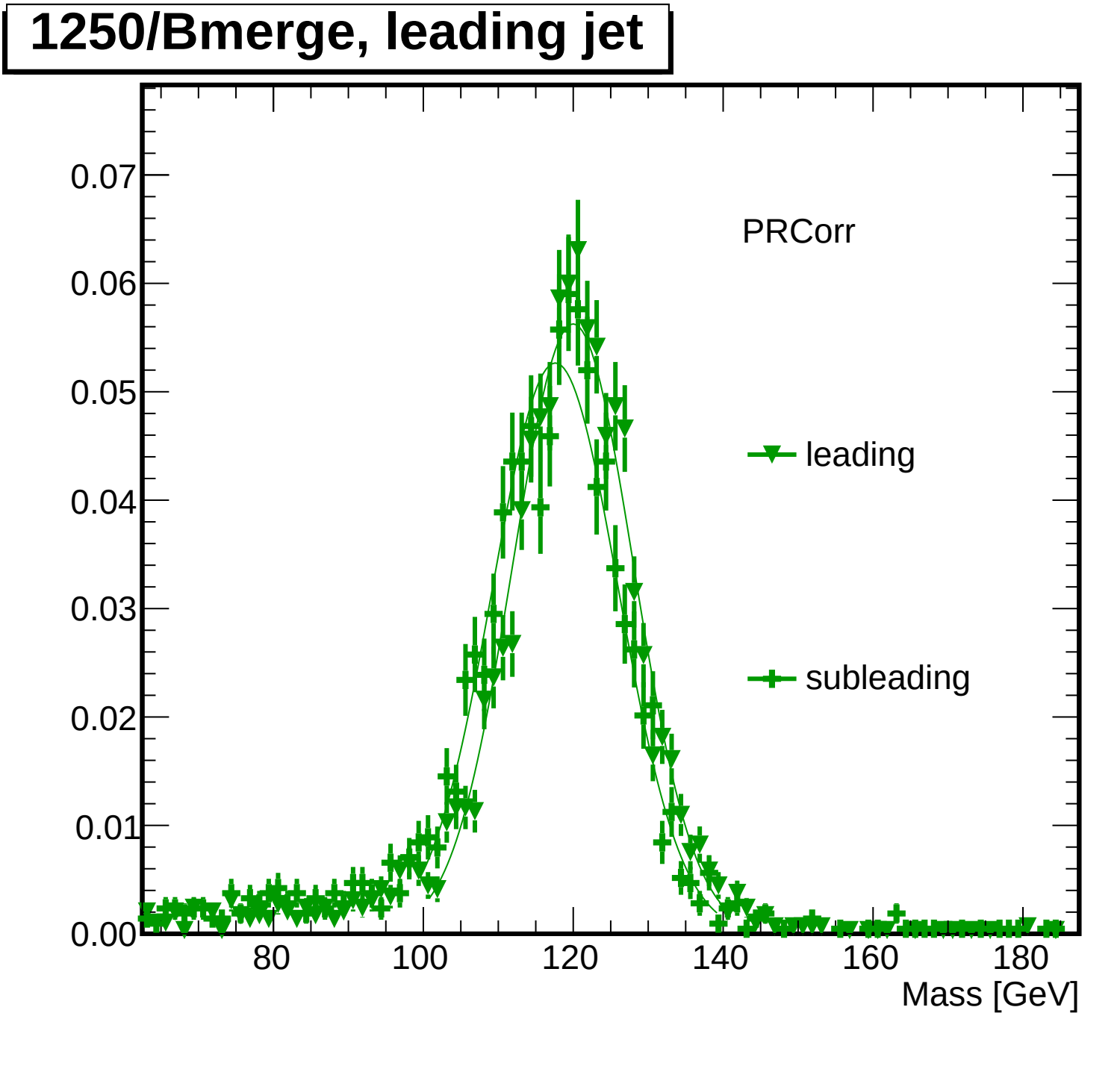

1250/Bmerge, subleading jet
PR
Mean = -0.111
Sigma = 0.067
PRCorr
Mean = -0.060
Sigma = 0.069
AK8SD
Mean = -0.123
Sigma = 0.072
AK8SDCorrThea
Mean = -0.037
Sigma = 0.077
AK8SDHCorr
Mean = -0.012
Sigma = 0.079
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

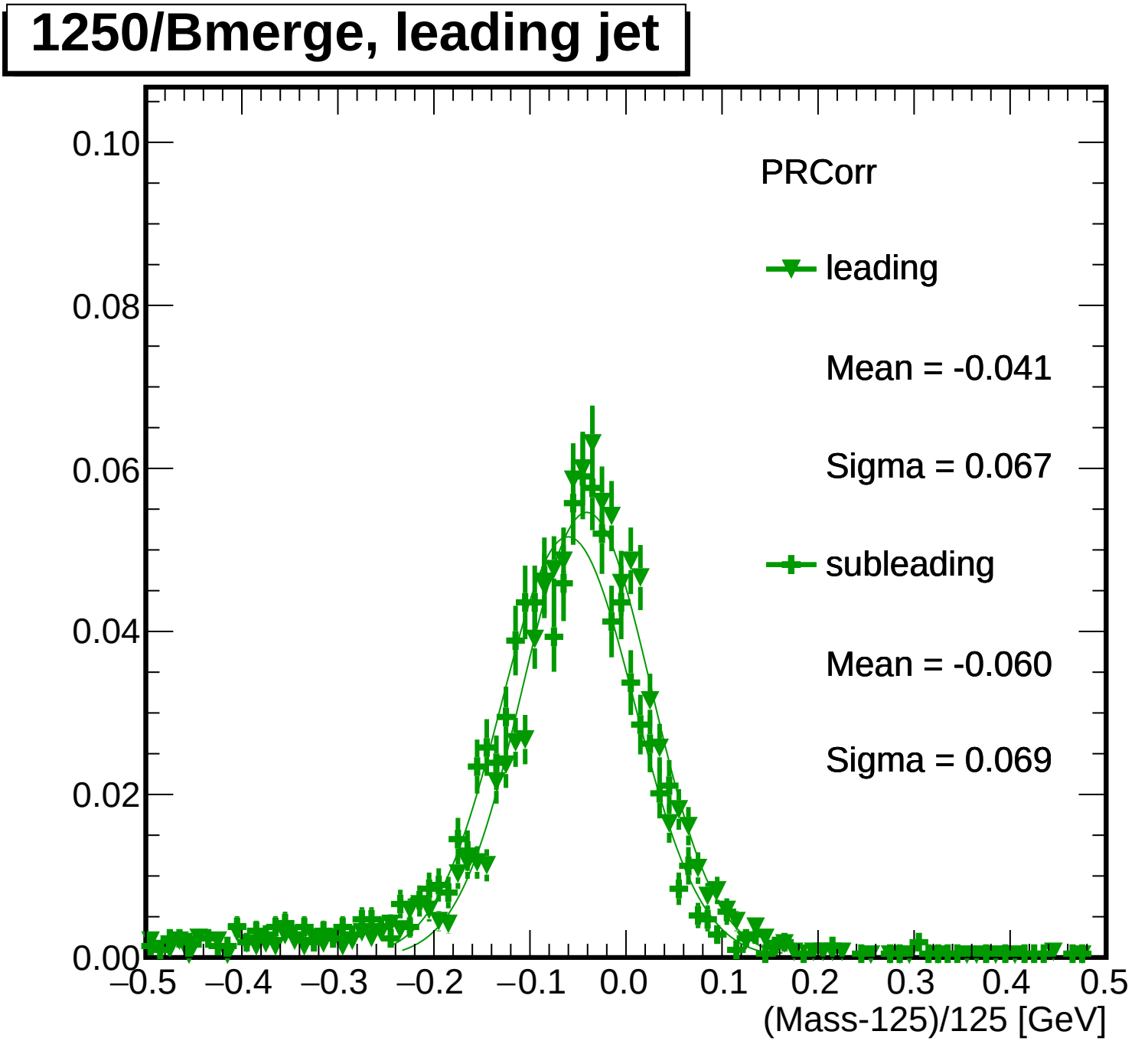

1250/Bmerge, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

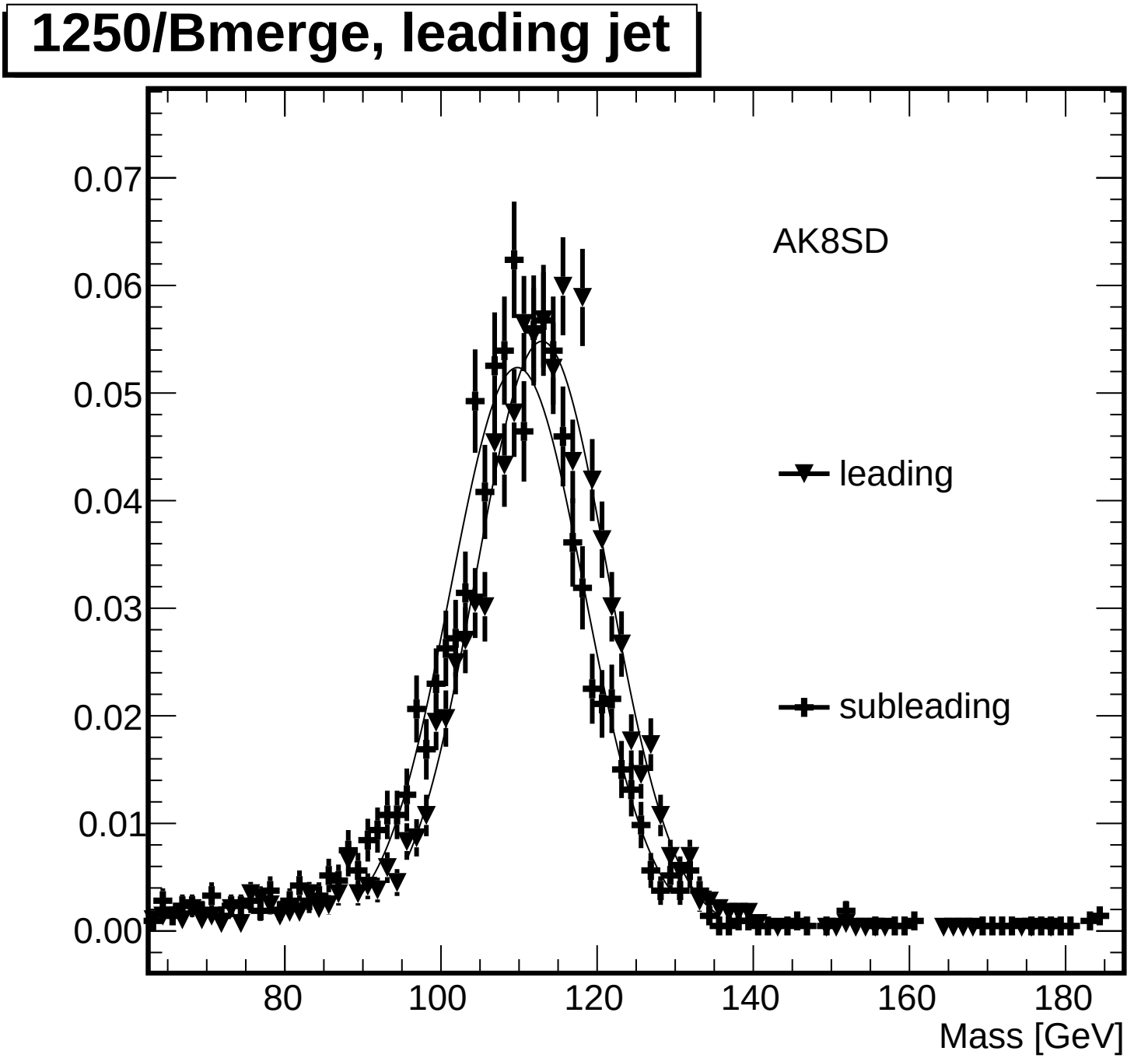

1250/Bmerge, both jets
PR
Mean = -0.101
Sigma = 0.066
PRCorr
Mean = -0.049
Sigma = 0.069
AK8SD
Mean = -0.107
Sigma = 0.071
AK8SDCorrThea
Mean = -0.020
Sigma = 0.077
AK8SDHCorr
Mean = 0.006
Sigma = 0.079
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

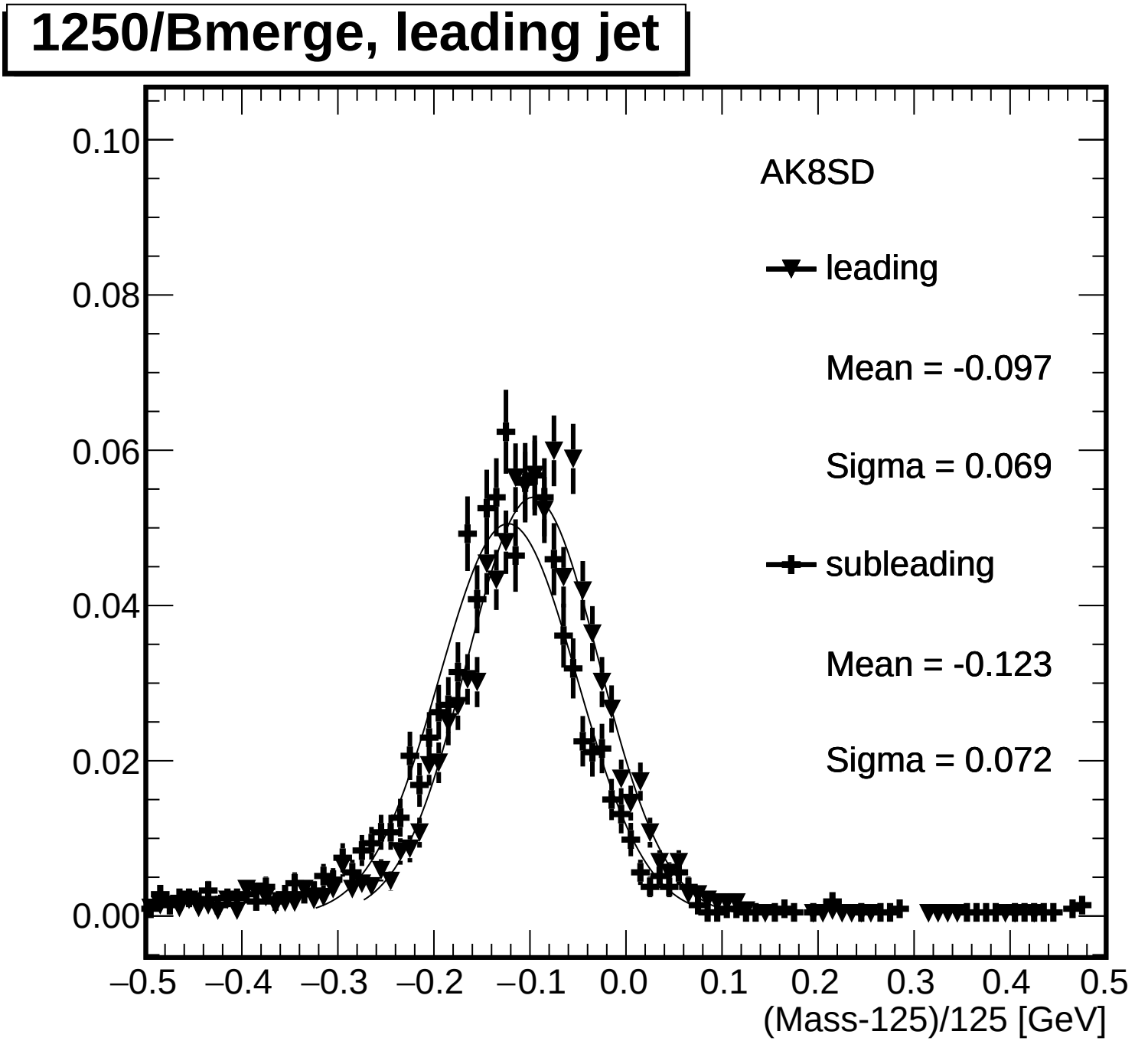

1250/Bmerge, leading jet
PR
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

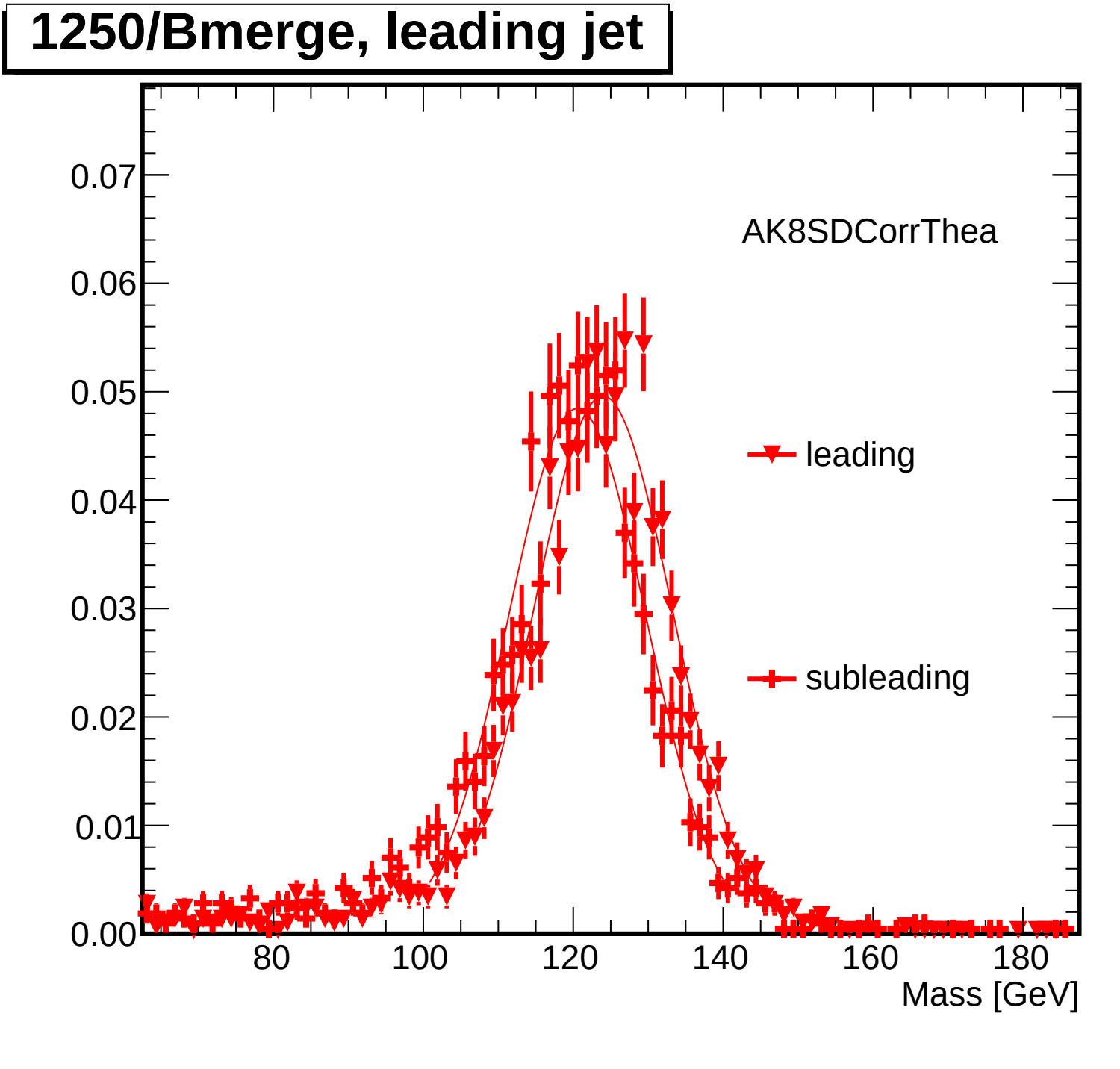

1250/Bmerge, leading jet
PR
leading
Mean = -0.094
Sigma = 0.064
subleading
Mean = -0.111
Sigma = 0.067
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

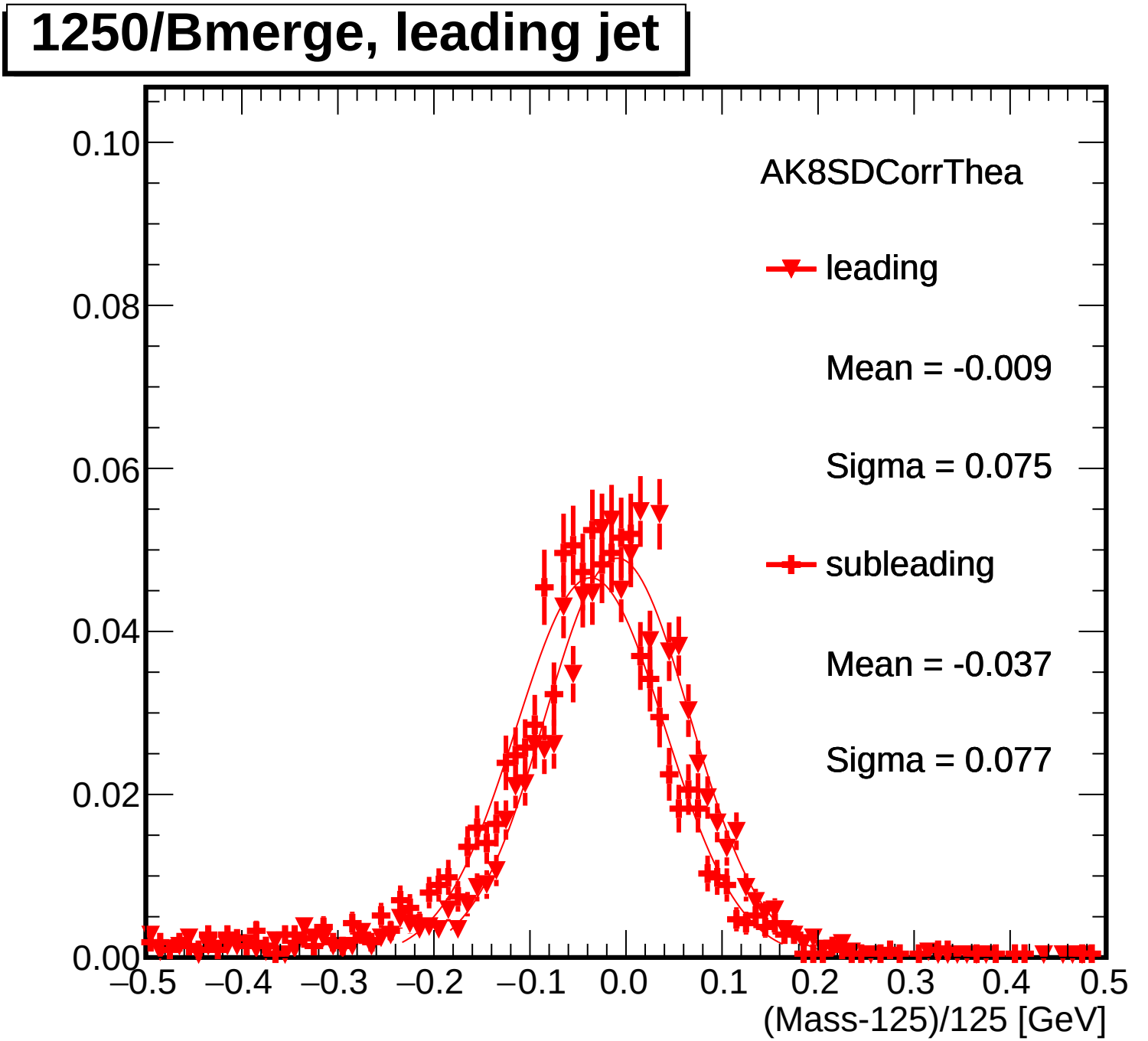

1250/Bmerge, leading jet
PRCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

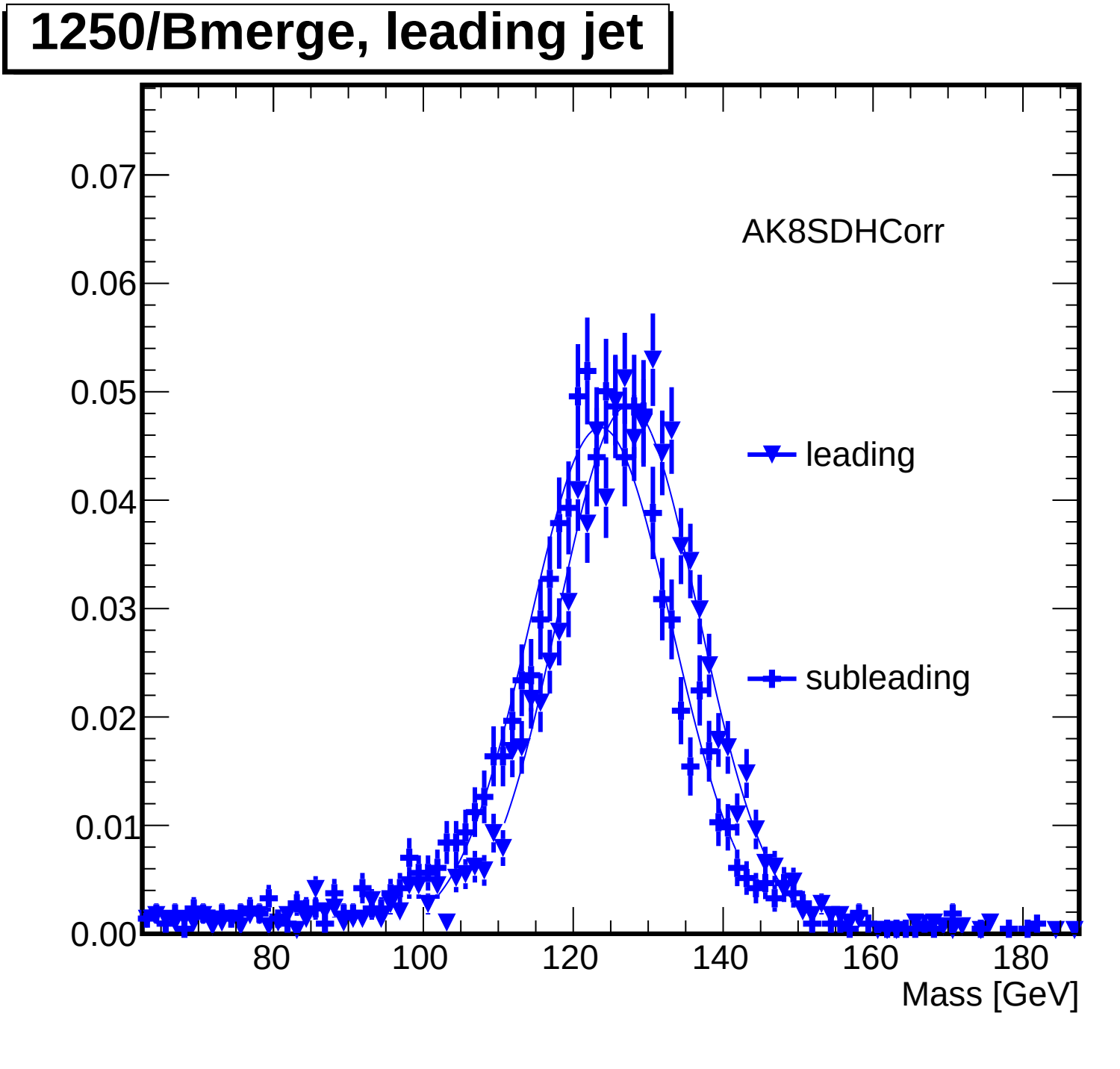

1250/Bmerge, leading jet
PRCorr
leading
Mean = -0.041
Sigma = 0.067
subleading
Mean = -0.060
Sigma = 0.069
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

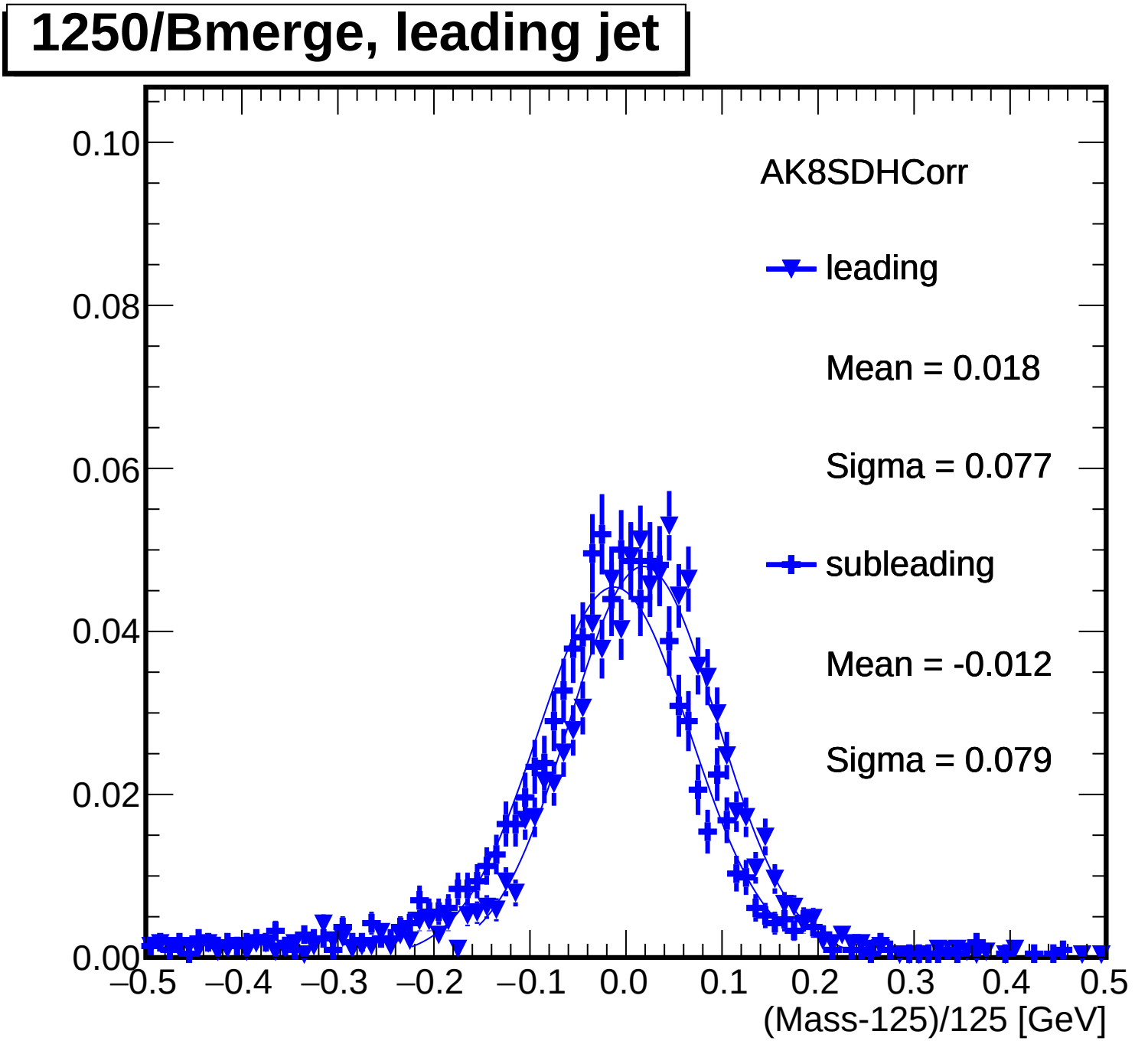

1250/Bmerge, leading jet
AK8SD
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1250/Bmerge, leading jet
AK8SD
leading
Mean = -0.097
Sigma = 0.069
subleading
Mean = -0.123
Sigma = 0.072
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, leading jet
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, leading jet
AK8SDCorrThea
leading
Mean = -0.009
Sigma = 0.075
subleading
Mean = -0.037
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, leading jet
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, leading jet
AK8SDHCorr
leading
Mean = 0.018
Sigma = 0.077
subleading
Mean = -0.012
Sigma = 0.079
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]