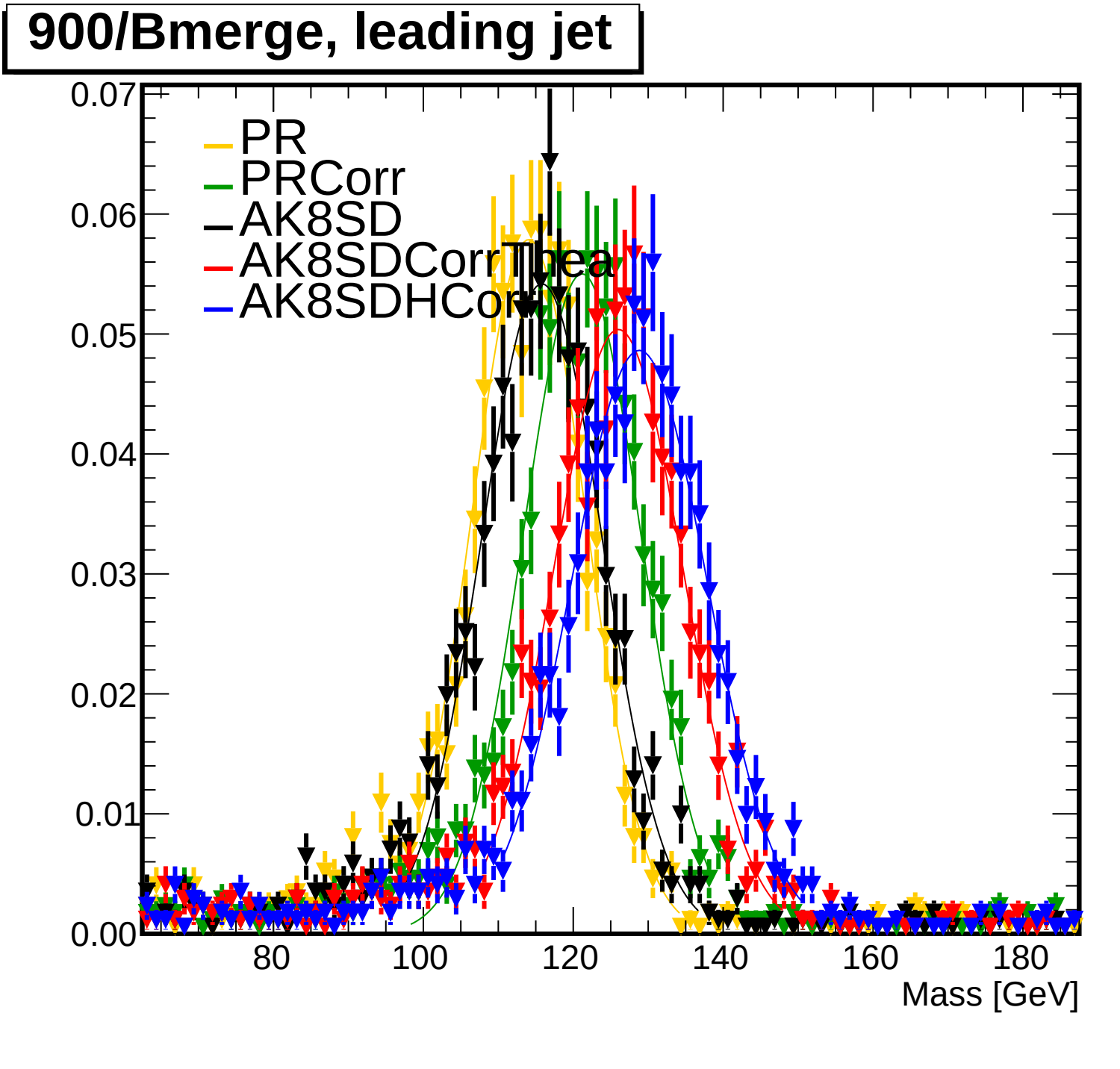
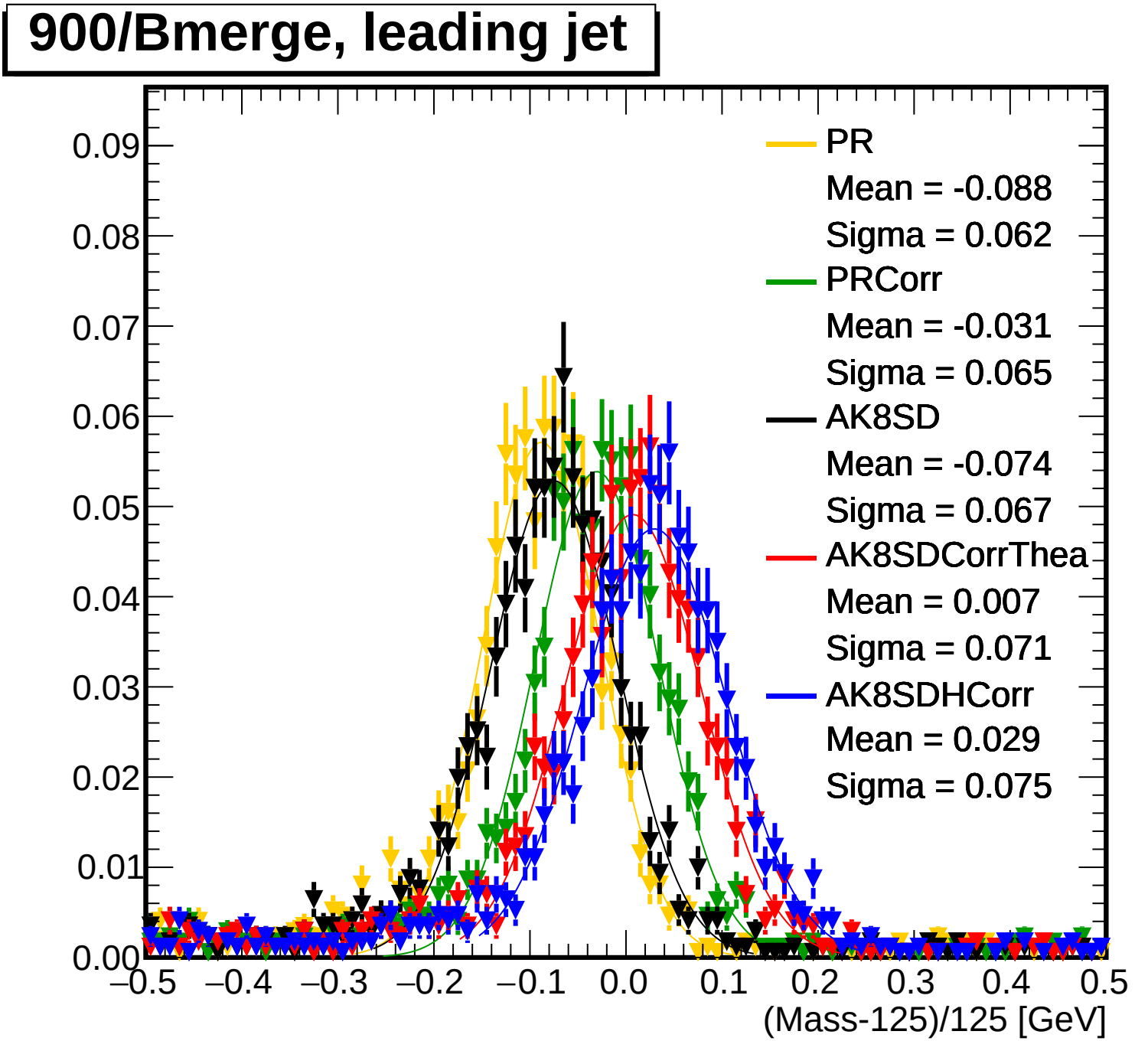
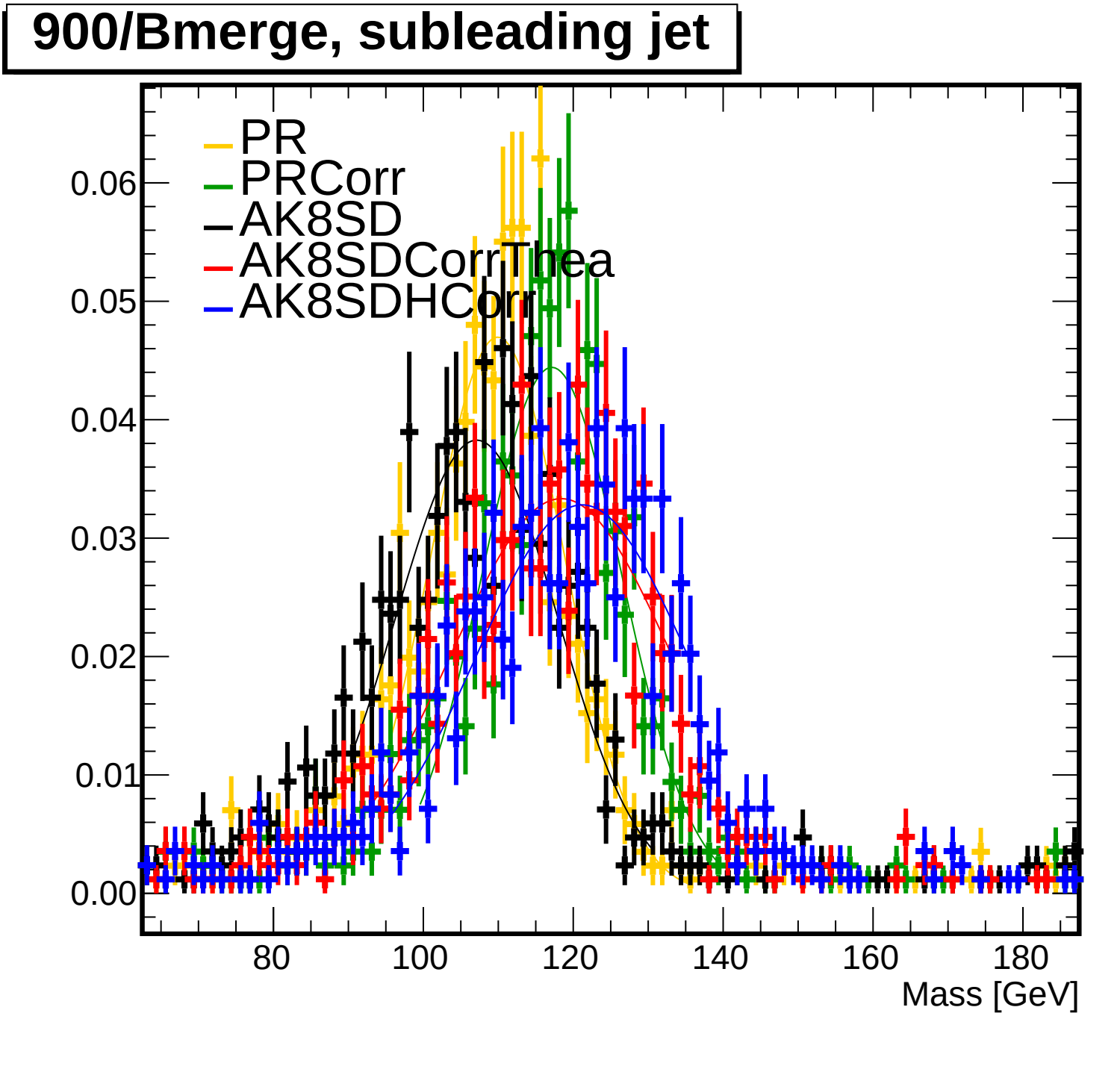
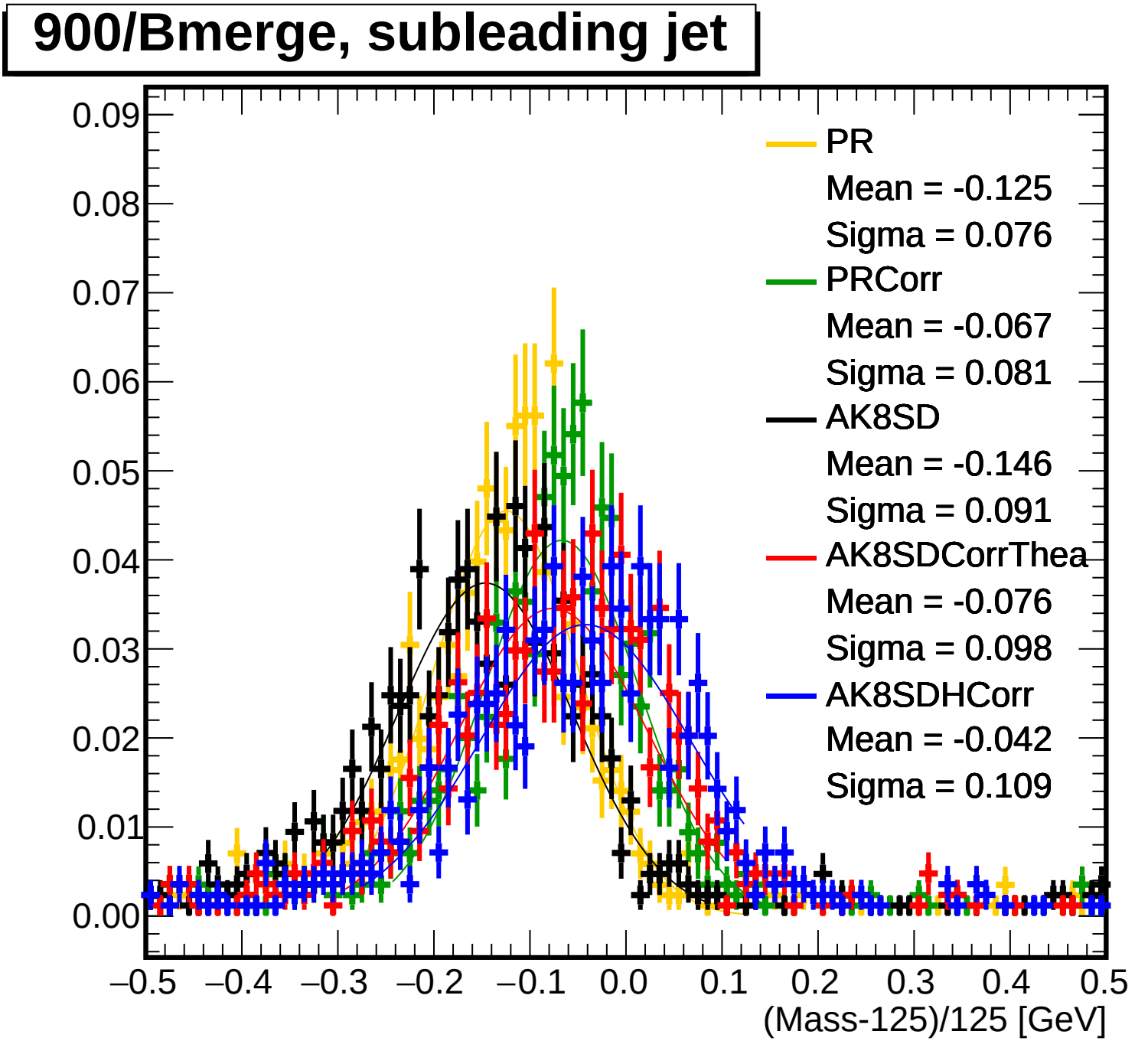
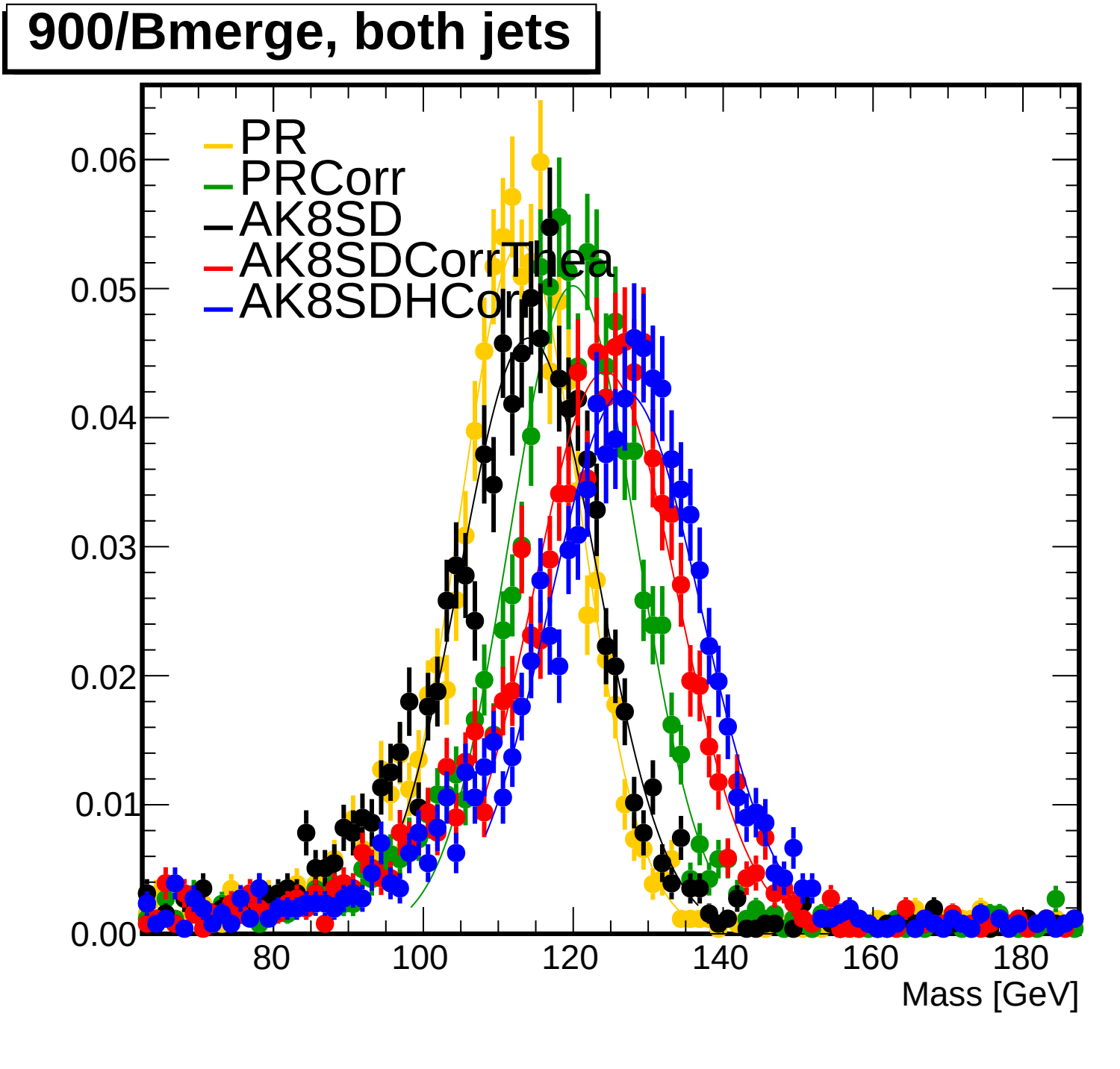
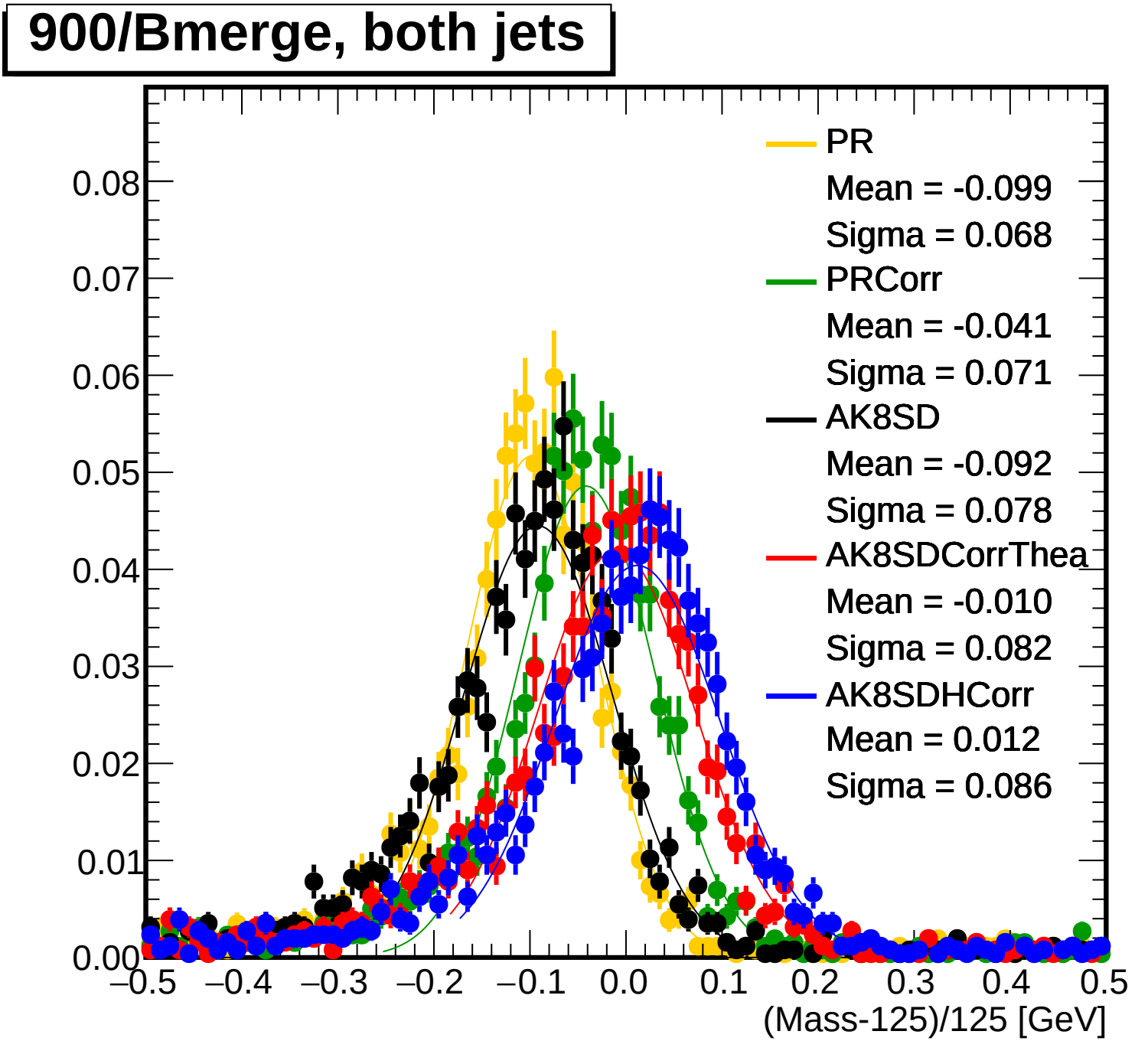

900/Bmerge, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorrY
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

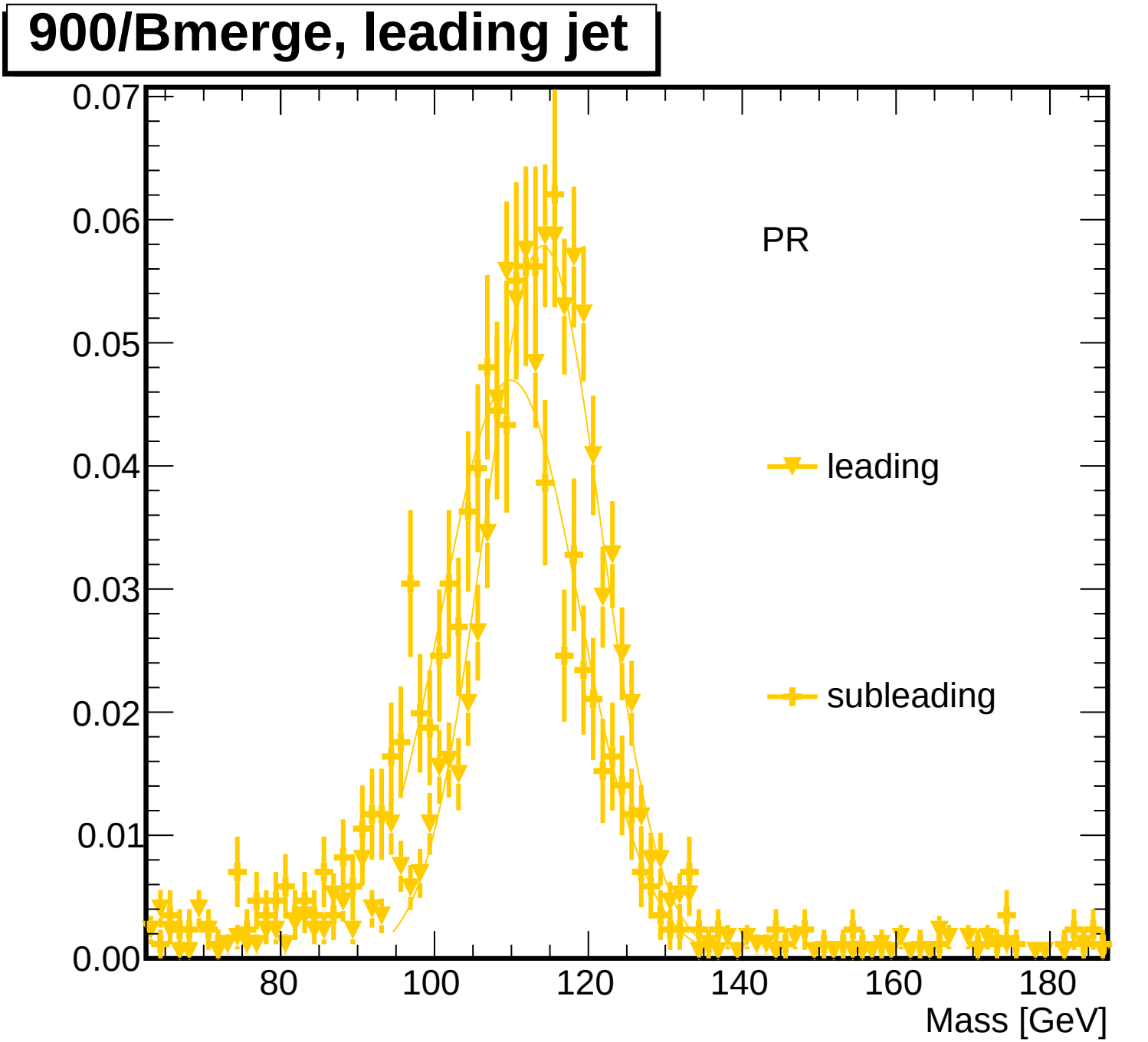

900/Bmerge, leading jet
PR
Mean = -0.088
Sigma = 0.062
PRCorr
Mean = -0.031
Sigma = 0.065
AK8SD
Mean = -0.074
Sigma = 0.067
AK8SDCorrThea
Mean = 0.007
Sigma = 0.071
AK8SDHCorr
Mean = 0.029
Sigma = 0.075
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

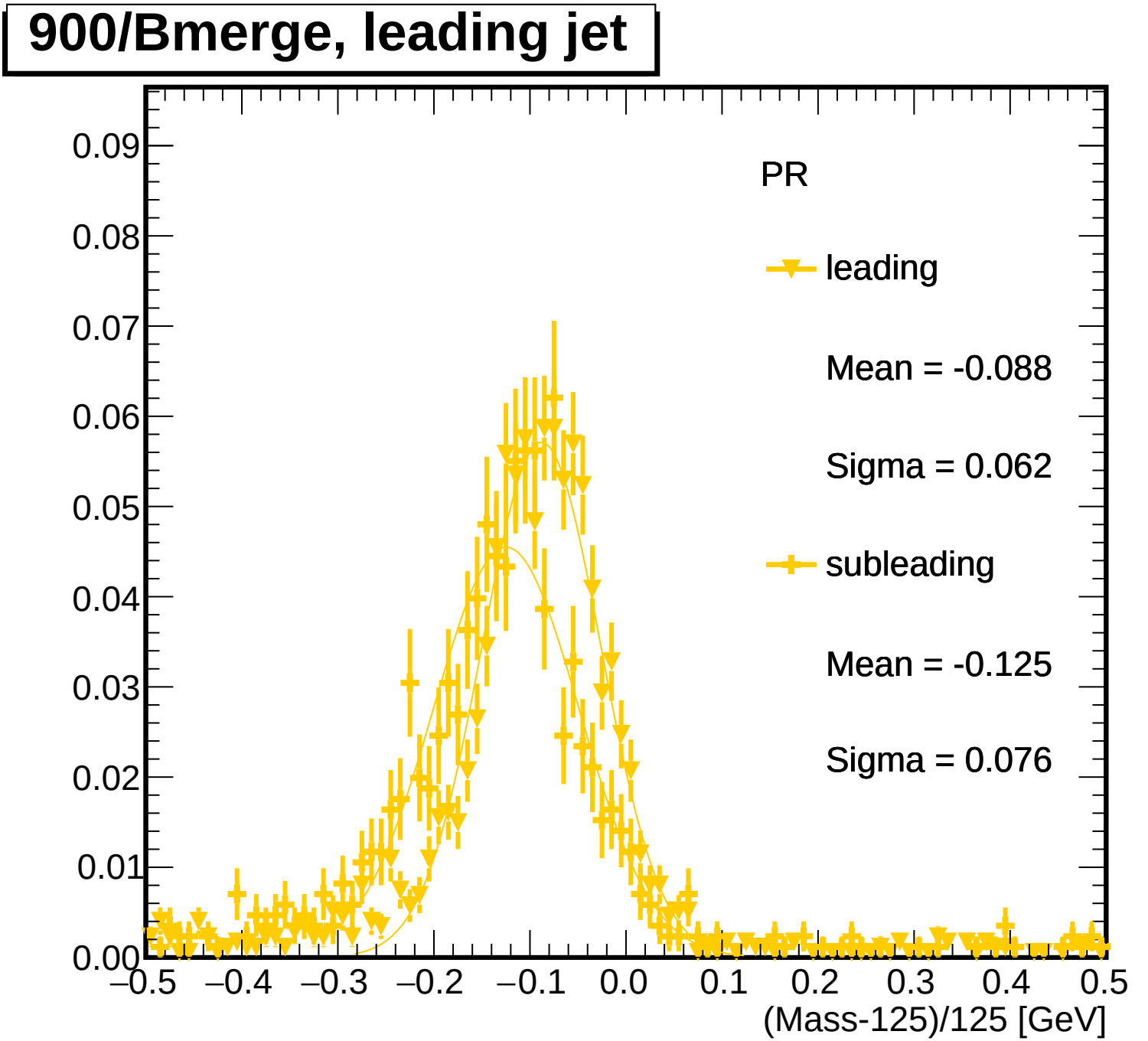

900/Bmerge, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

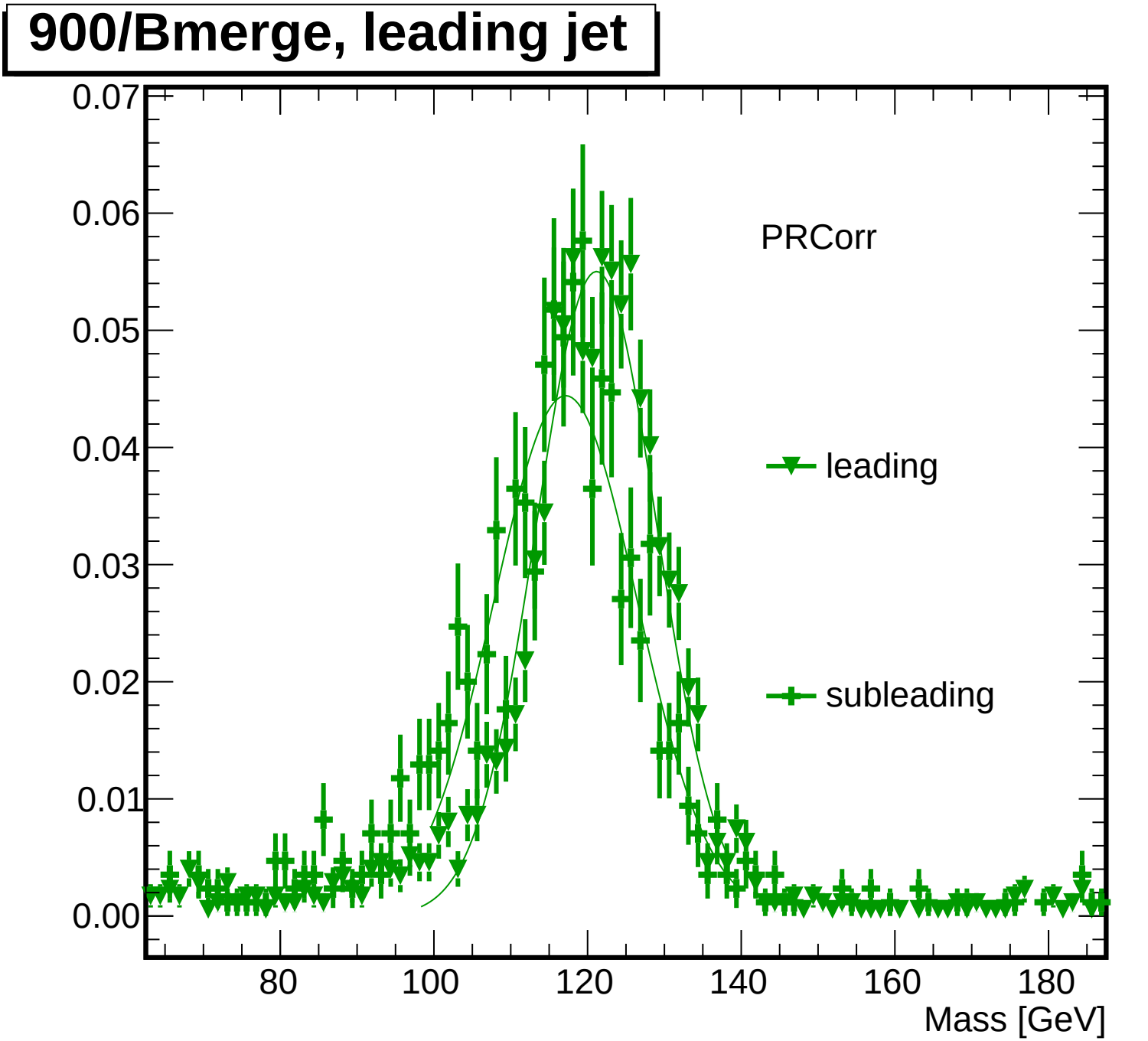

900/Bmerge, subleading jet
PR
Mean = -0.125
Sigma = 0.076
PRCorr
Mean = -0.067
Sigma = 0.081
AK8SD
Mean = -0.146
Sigma = 0.091
AK8SDCorrThea
Mean = -0.076
Sigma = 0.098
AK8SDHCorr
Mean = -0.042
Sigma = 0.109
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

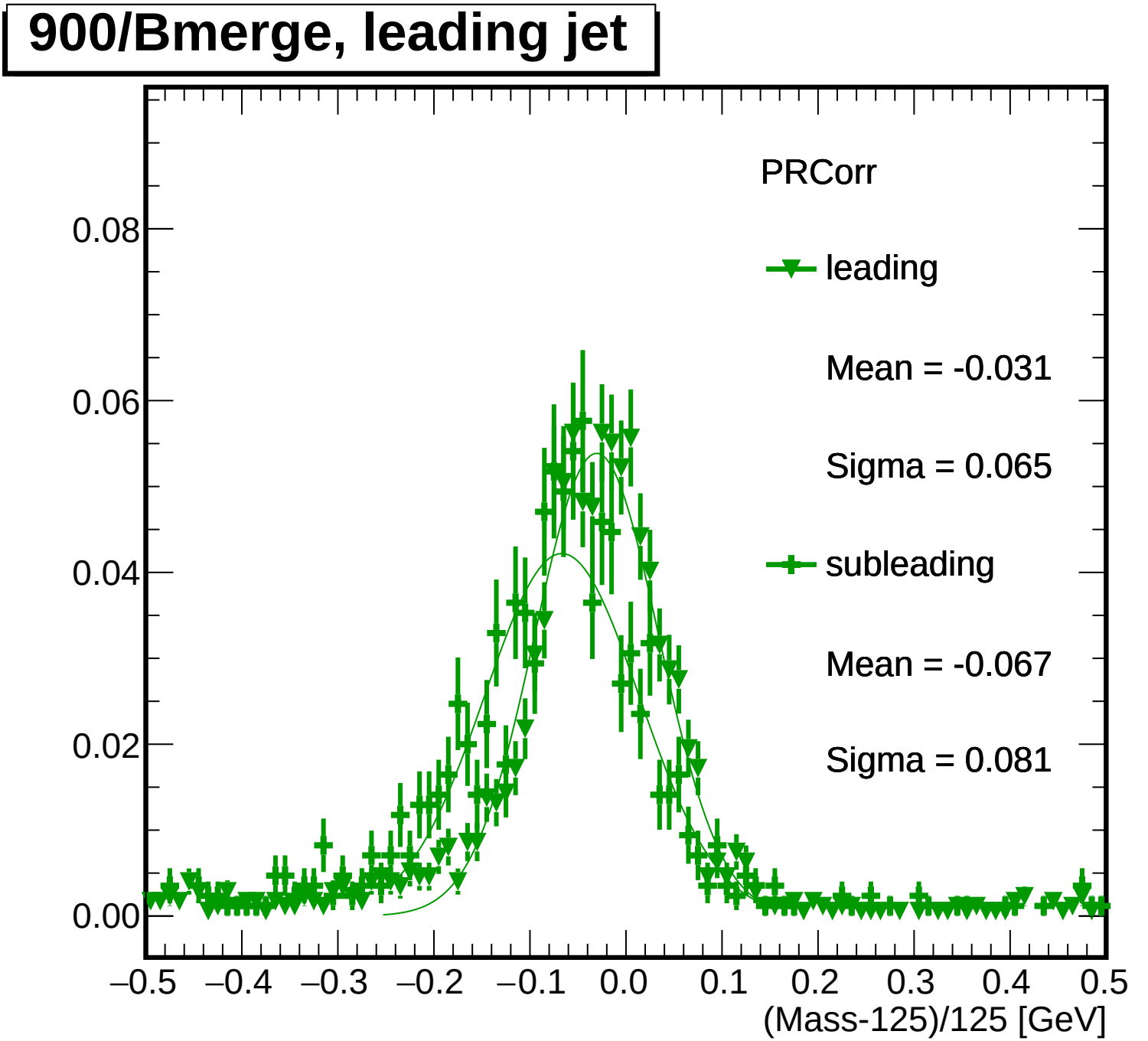

900/Bmerge, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

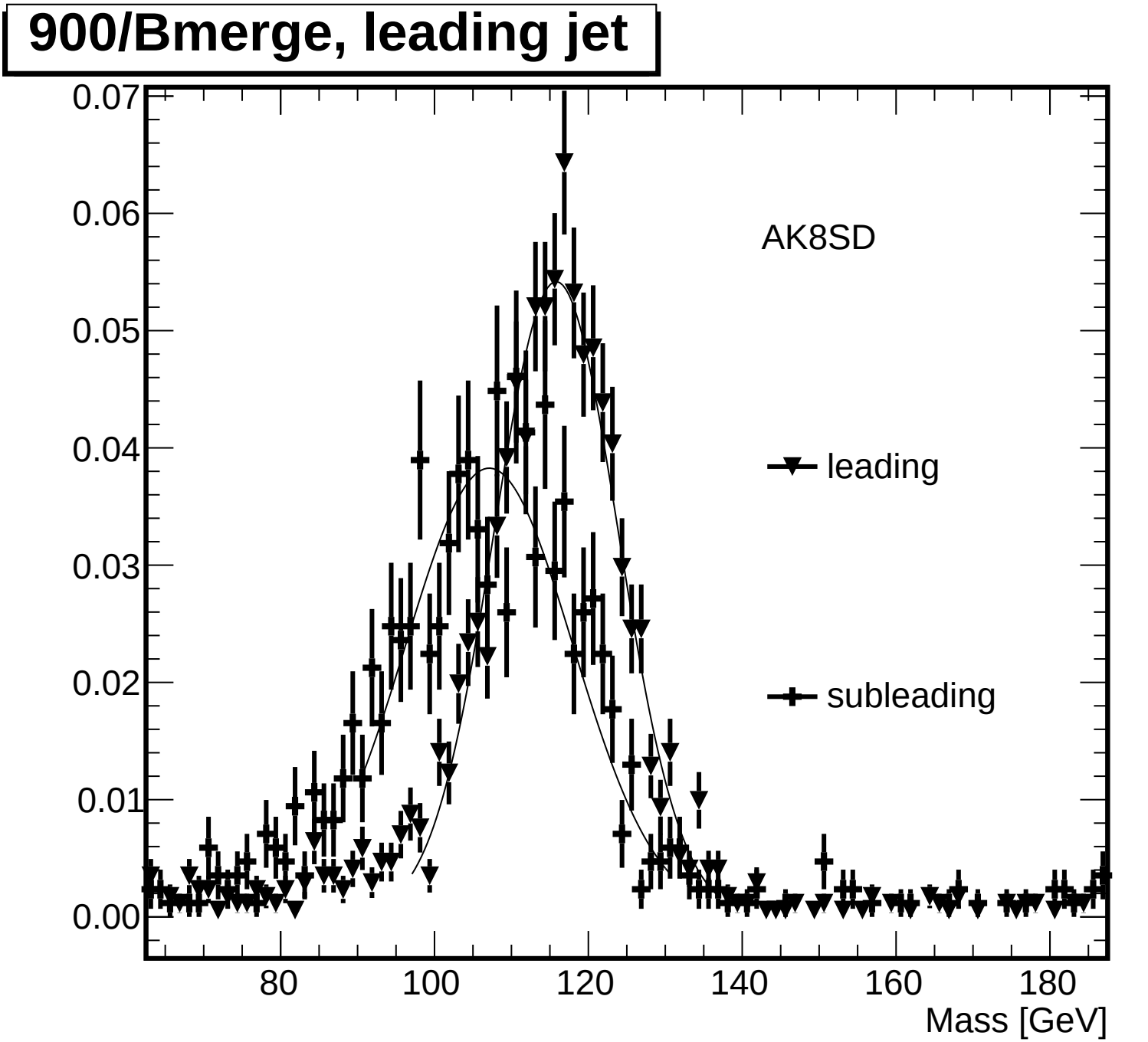

900/Bmerge, both jets
PR
Mean = -0.099
Sigma = 0.068
PRCorr
Mean = -0.041
Sigma = 0.071
AK8SD
Mean = -0.092
Sigma = 0.078
AK8SDCorrThea
Mean = -0.010
Sigma = 0.082
AK8SDHCorr
Mean = 0.012
Sigma = 0.086
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

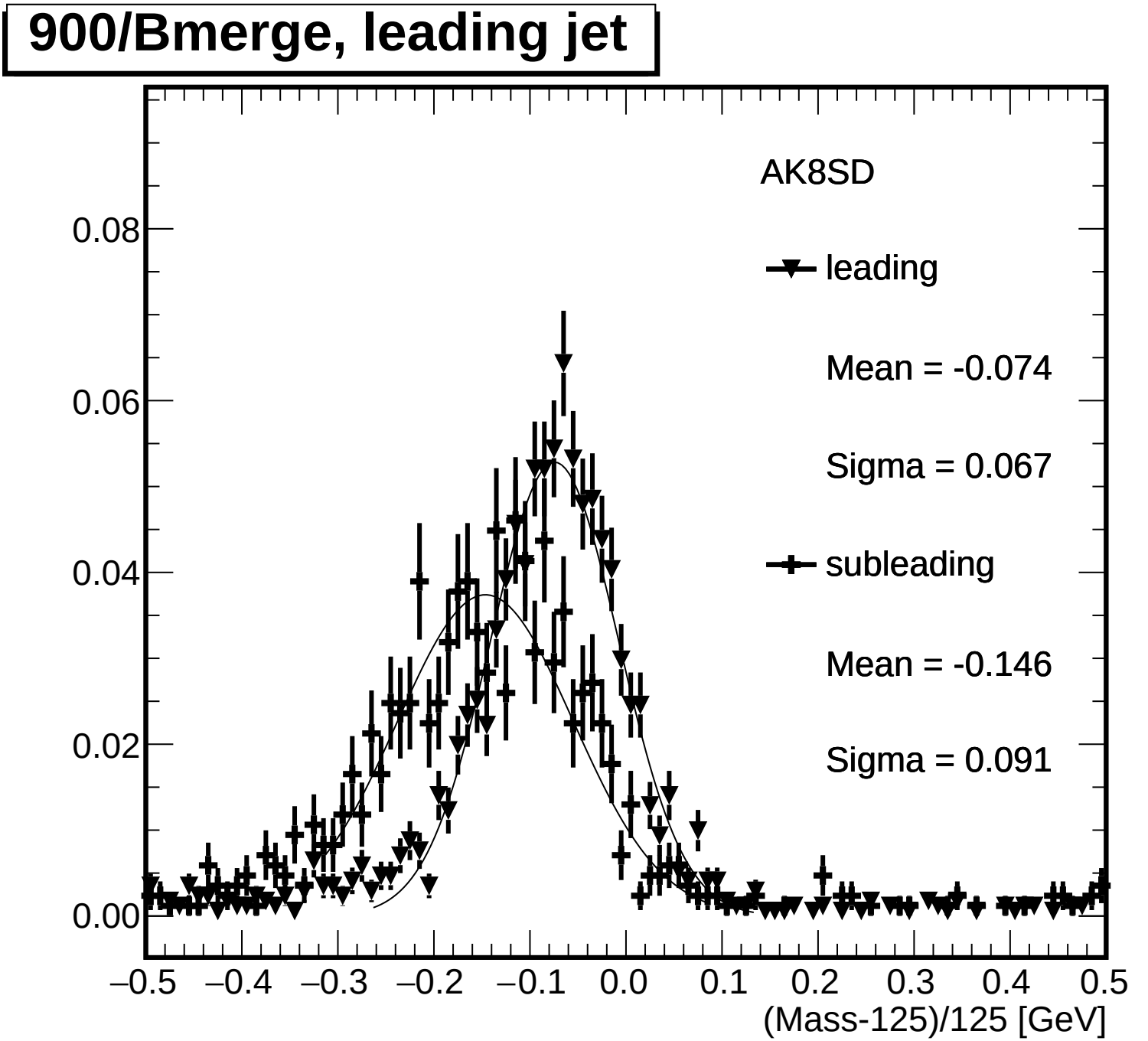

900/Bmerge, leading jet
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

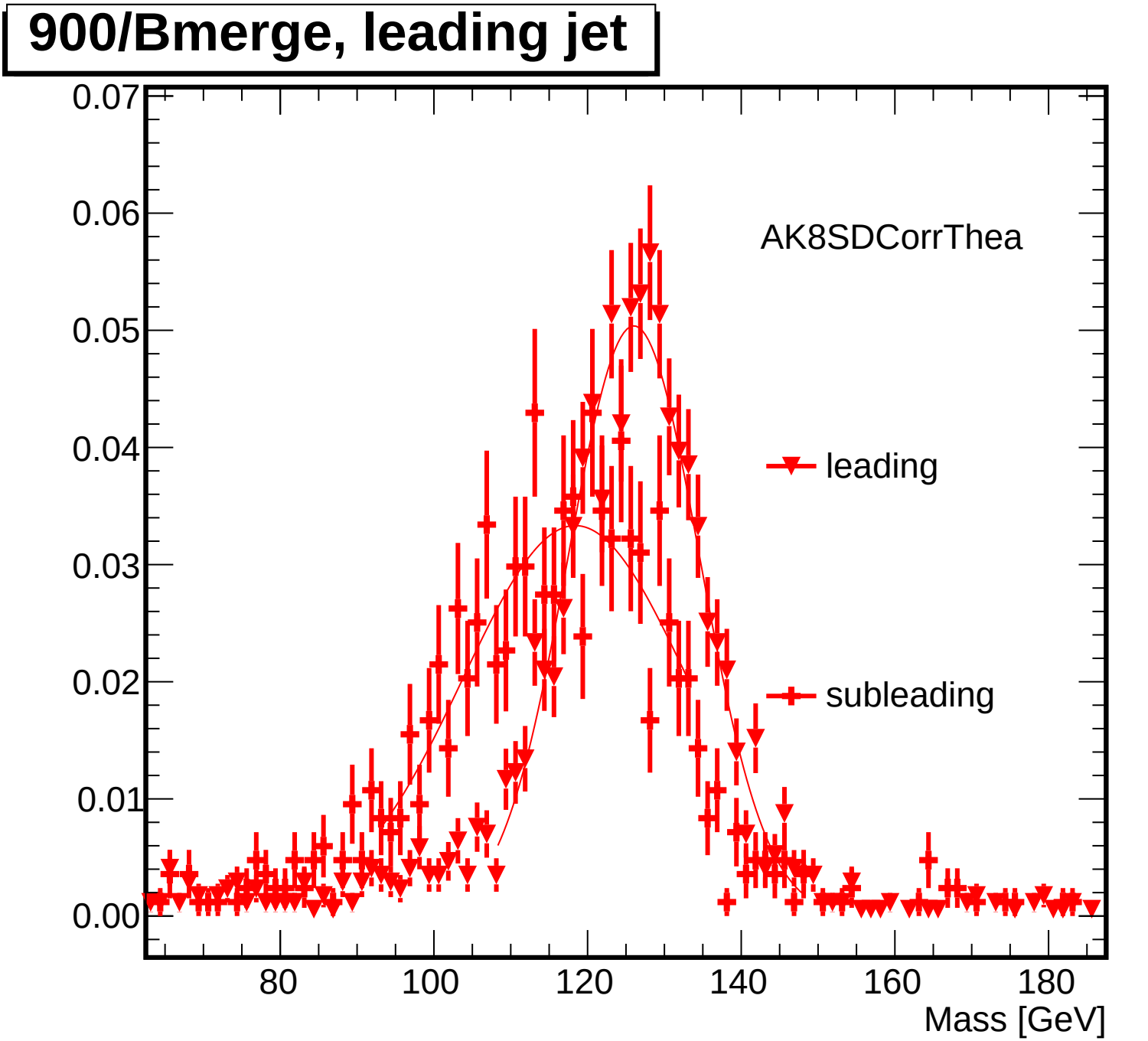

900/Bmerge, leading jet
PR
leading
Mean = -0.088
Sigma = 0.062
subleading
Mean = -0.125
Sigma = 0.076
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

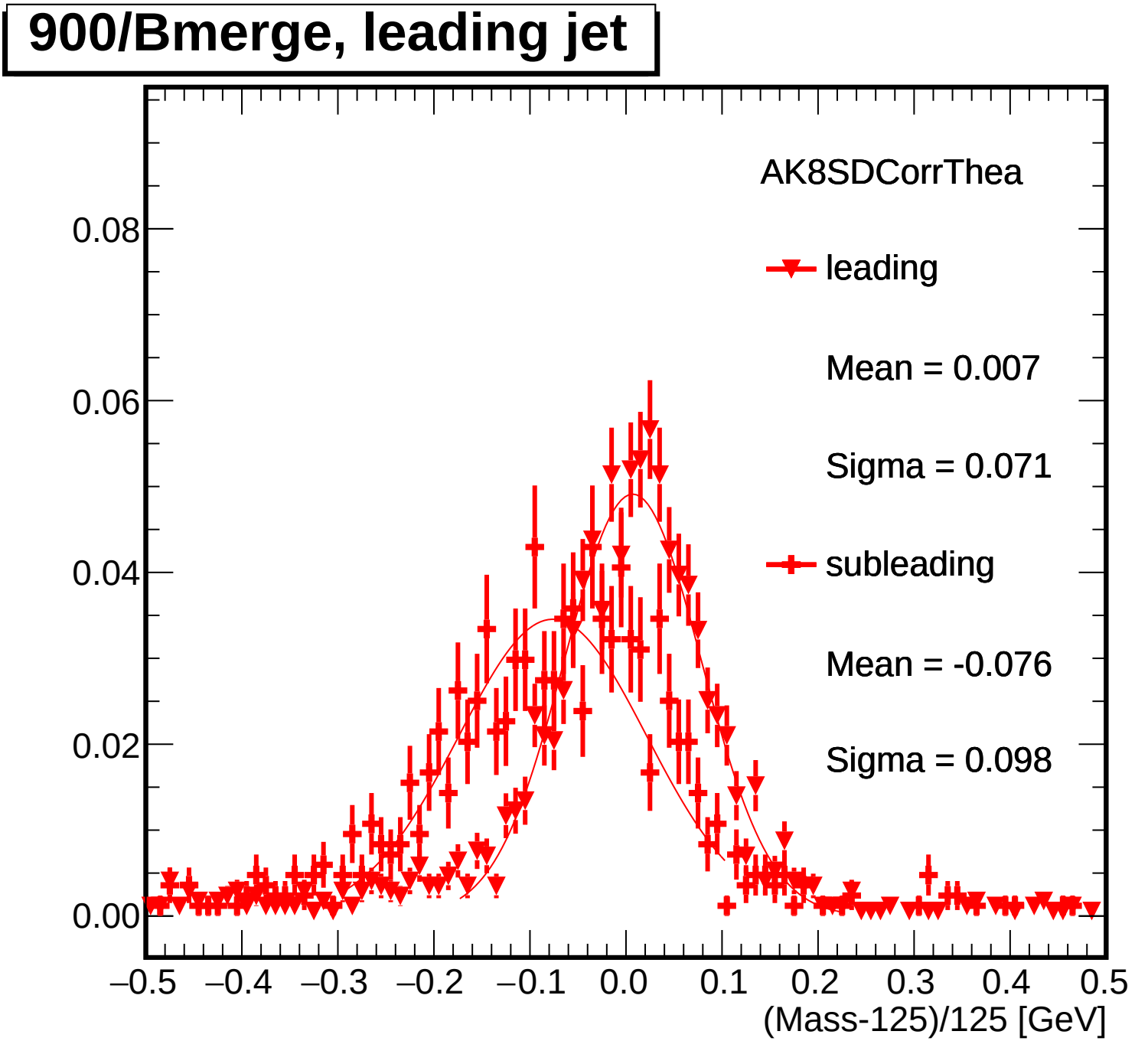

900/Bmerge, leading jet
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

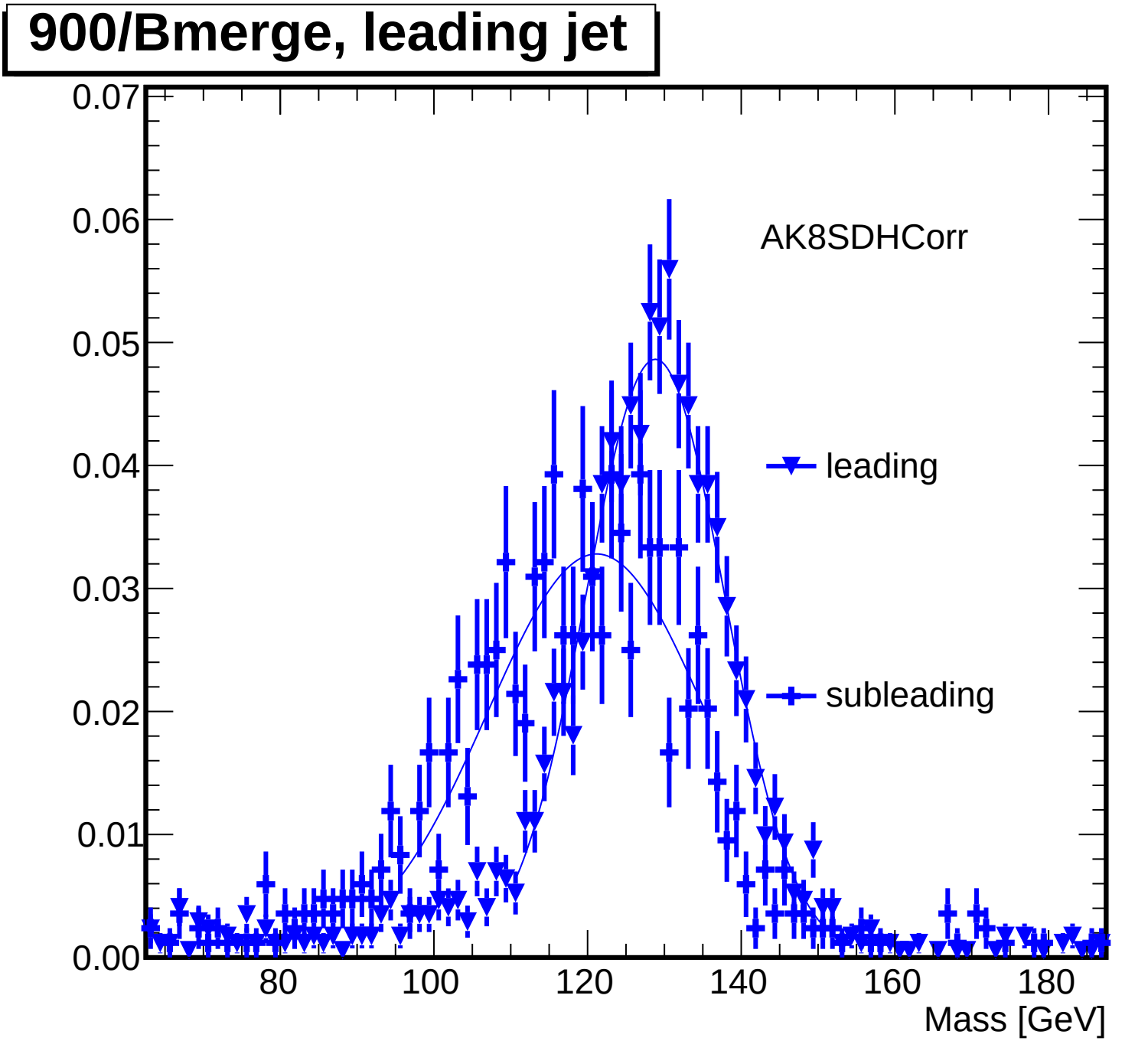
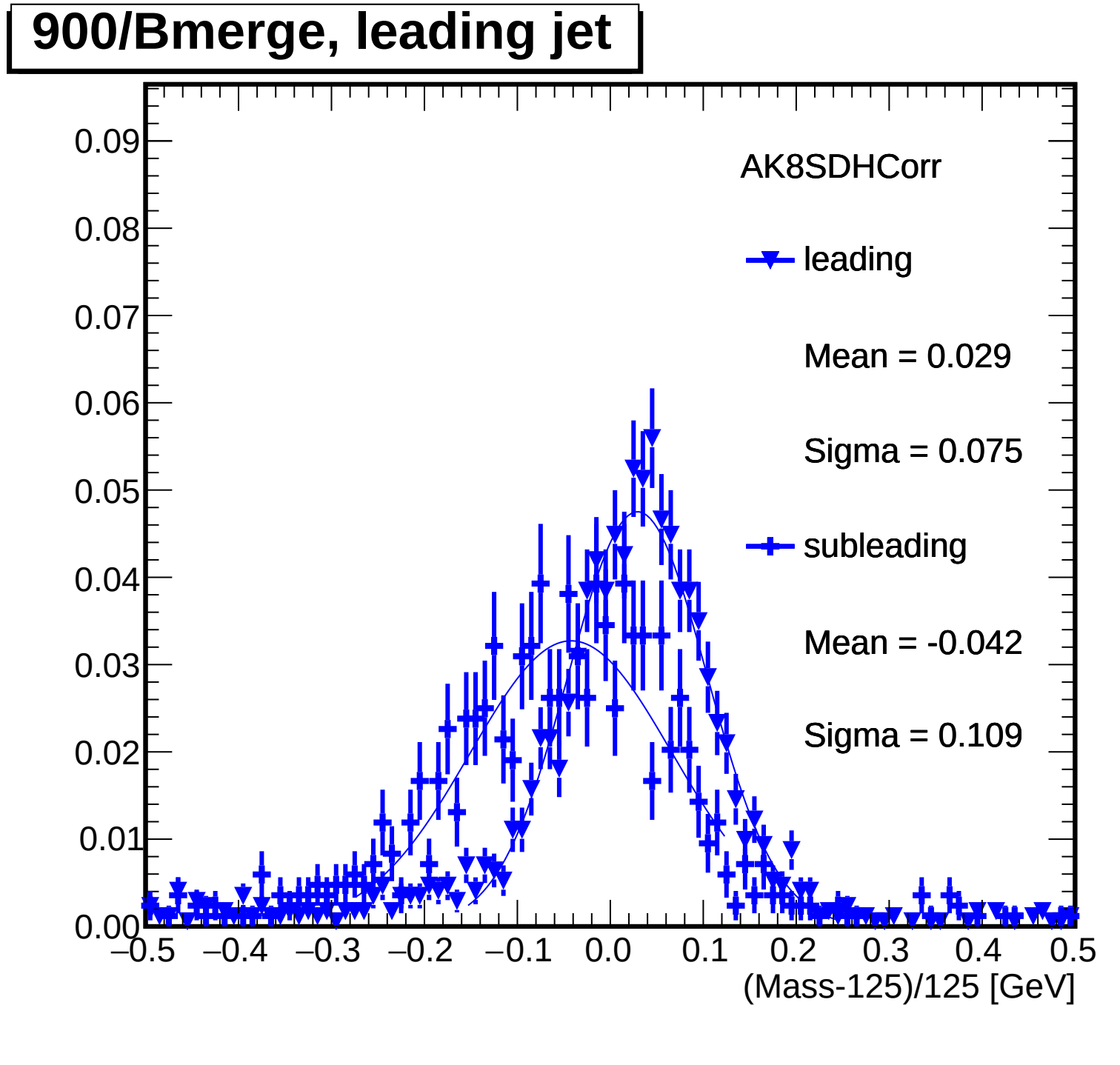

900/Bmerge, leading jet
PRCorr
leading
Mean = -0.031
Sigma = 0.065
subleading
Mean = -0.067
Sigma = 0.081
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]


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


900/Bmerge, leading jet
AK8SD
leading
Mean = -0.074
Sigma = 0.067
subleading
Mean = -0.146
Sigma = 0.091
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]


900/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]


900/Bmerge, leading jet
AK8SDCorrThea
leading
Mean = 0.007
Sigma = 0.071
subleading
Mean = -0.076
Sigma = 0.098
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]


900/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]

900/Bmerge, leading jet