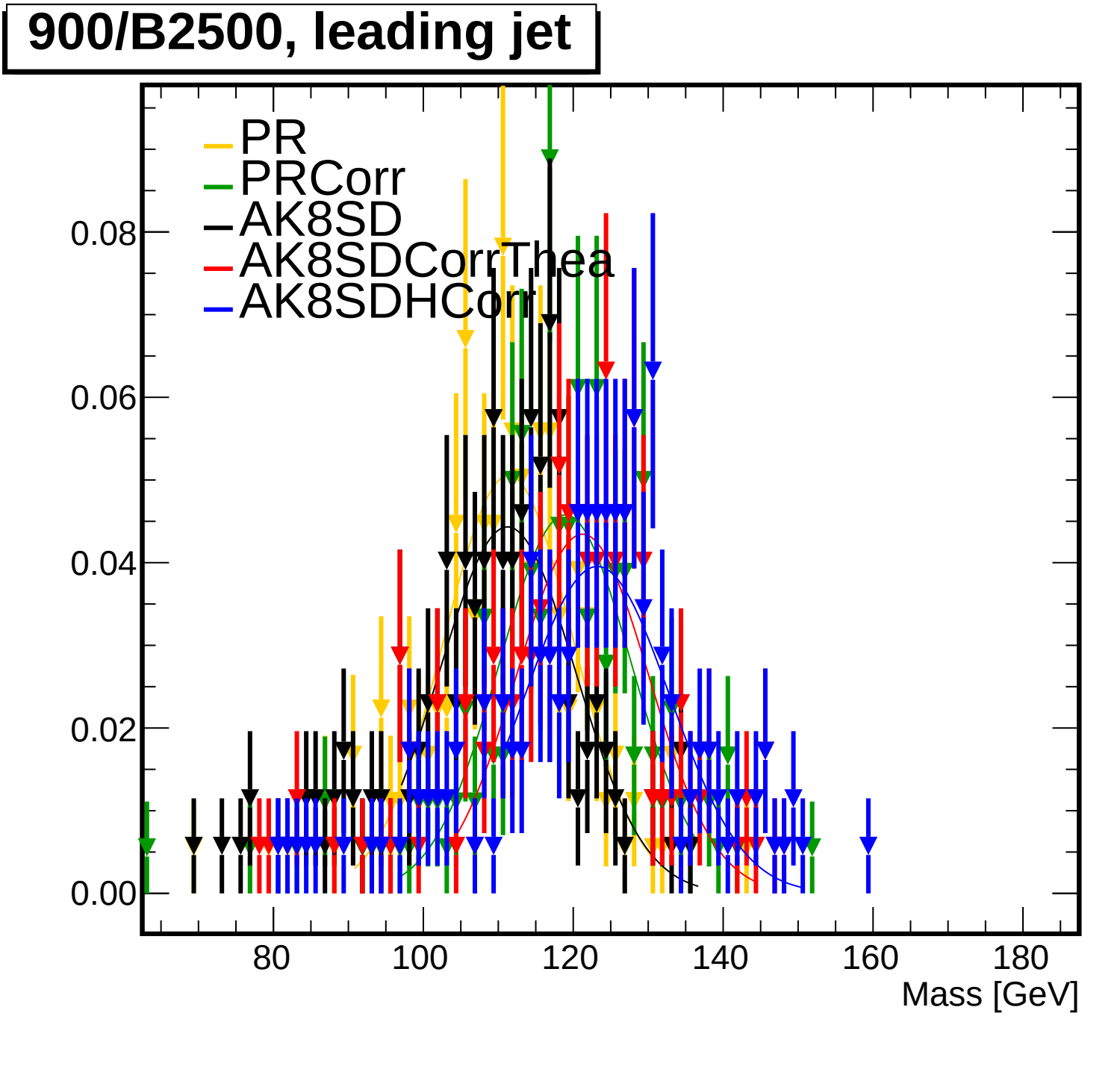
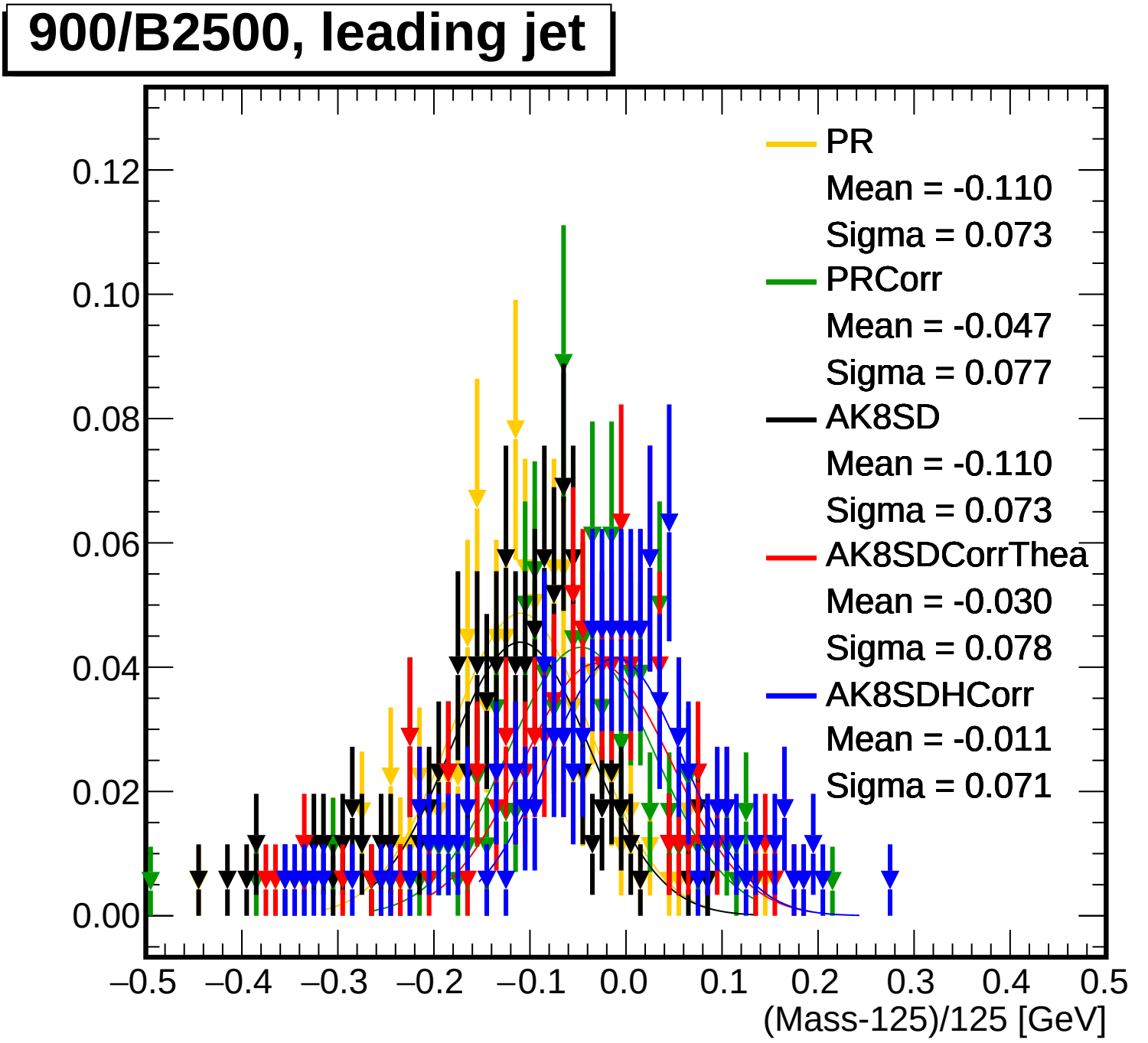
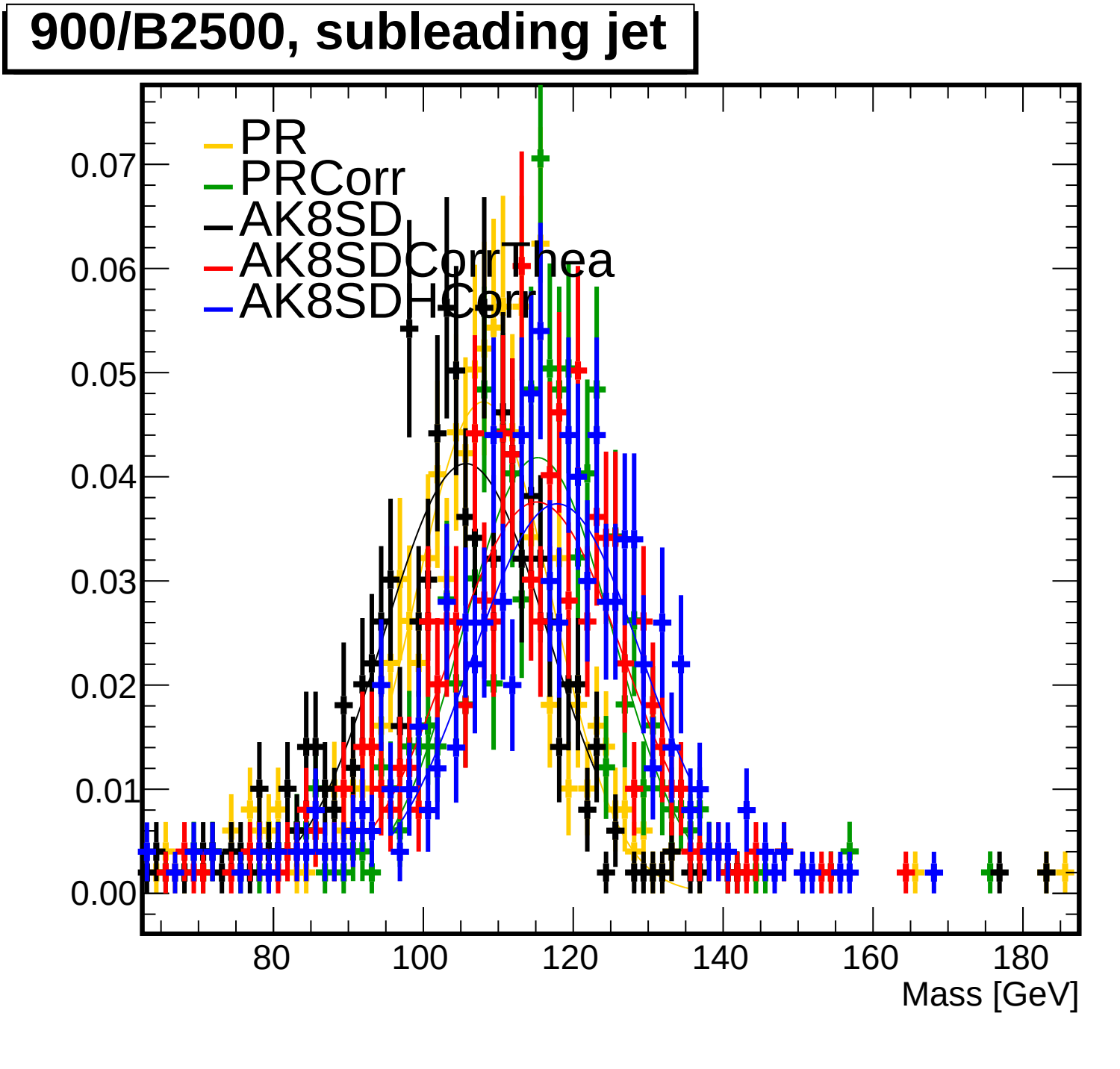
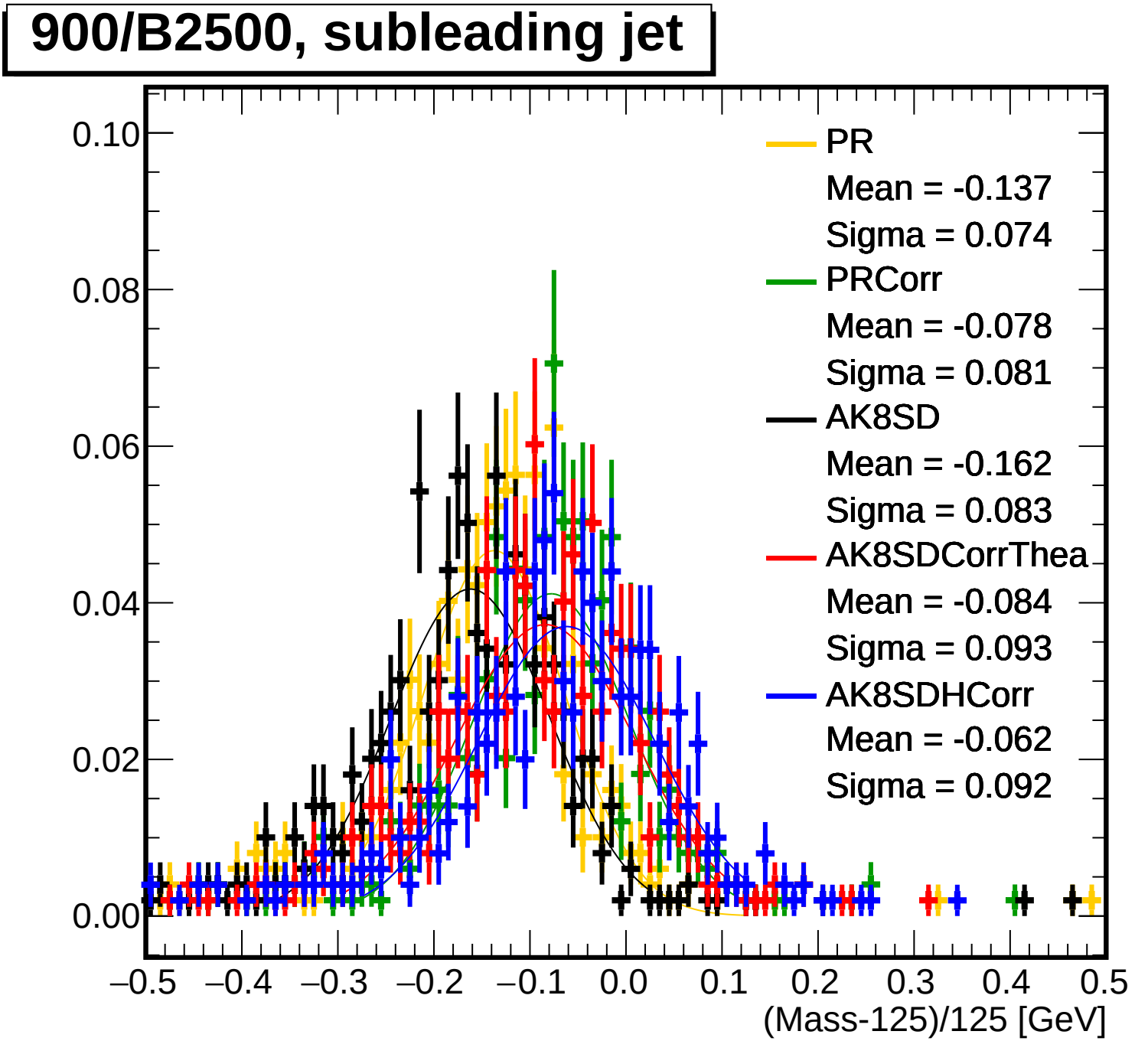
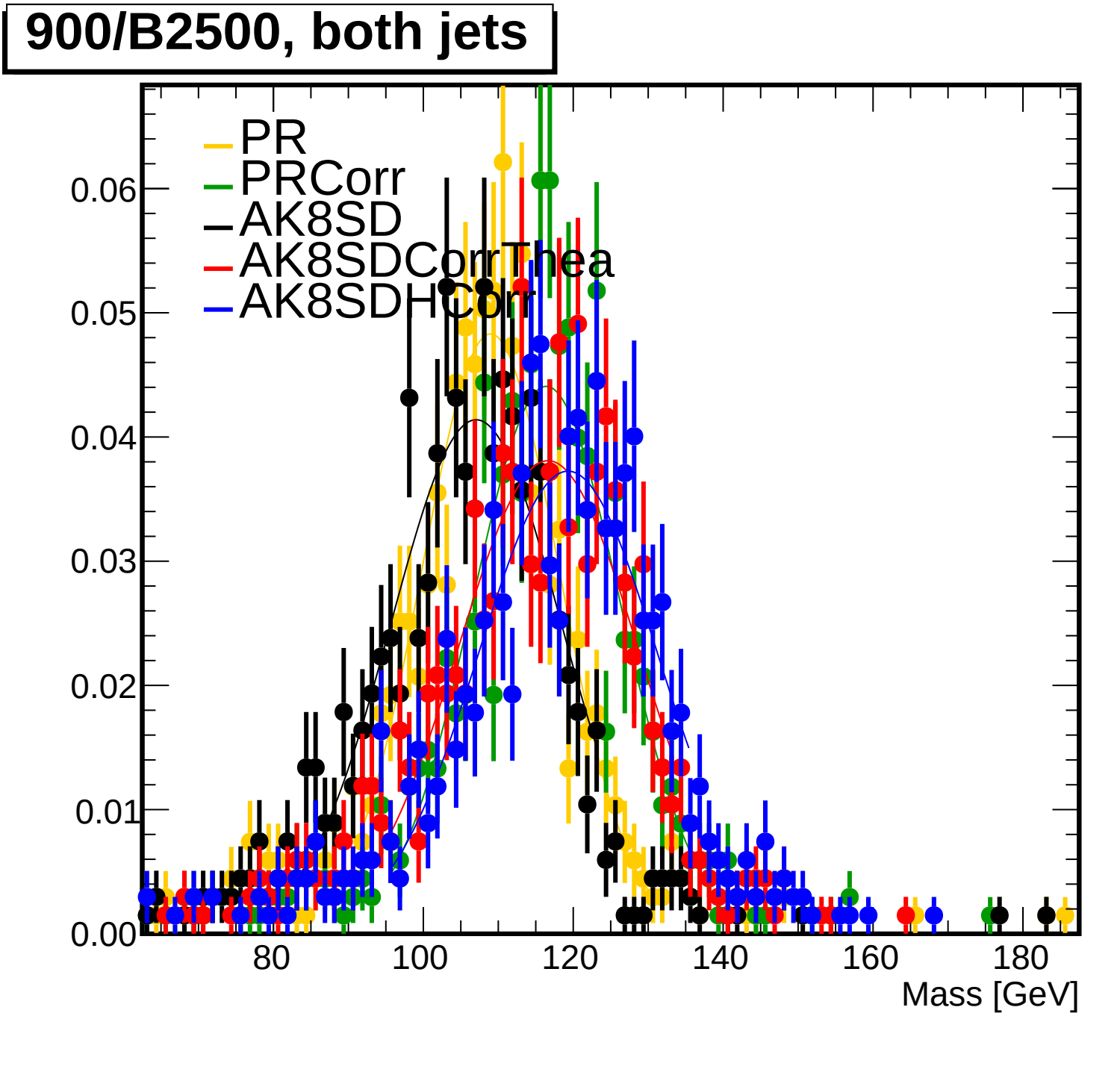
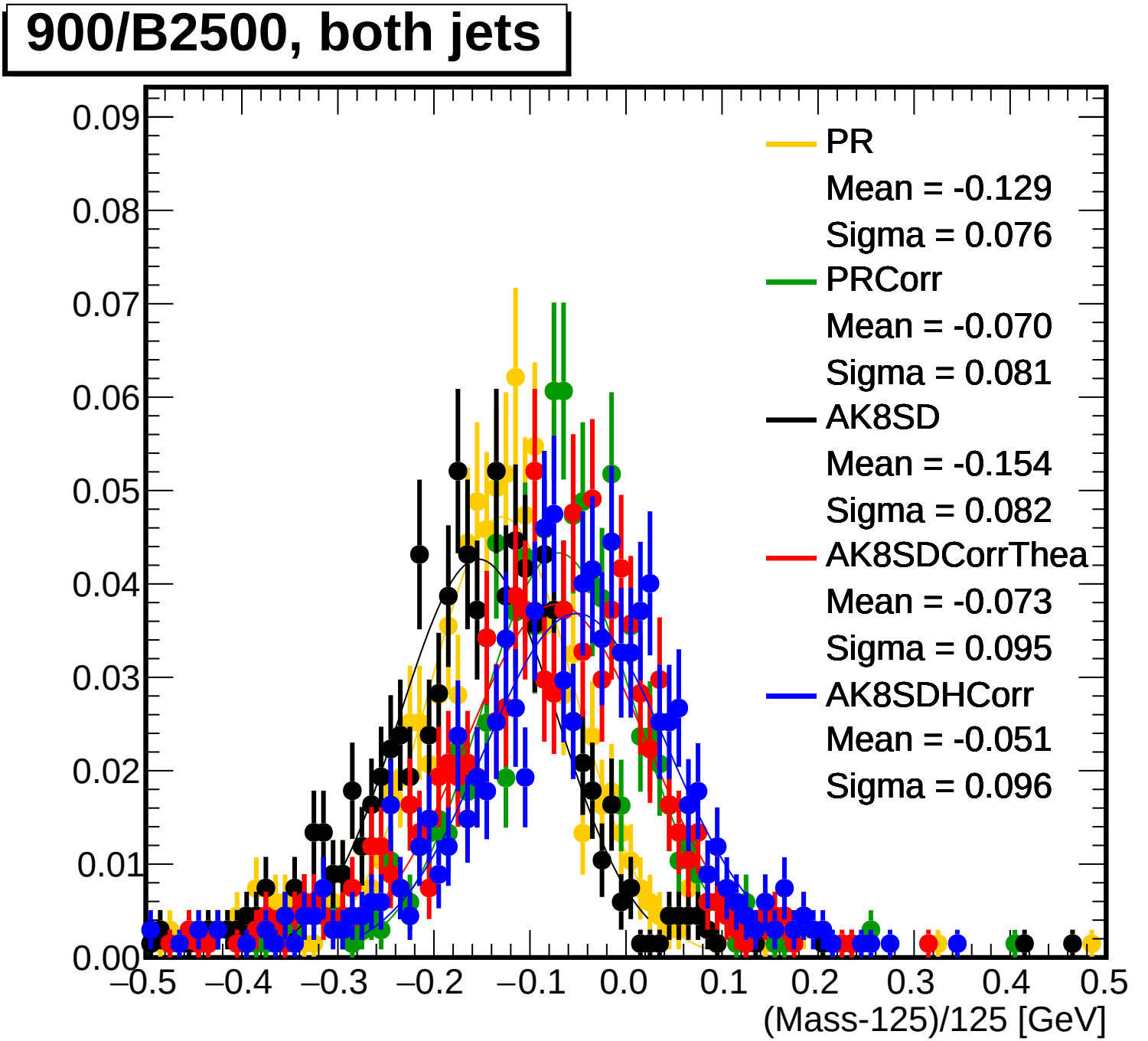

900/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

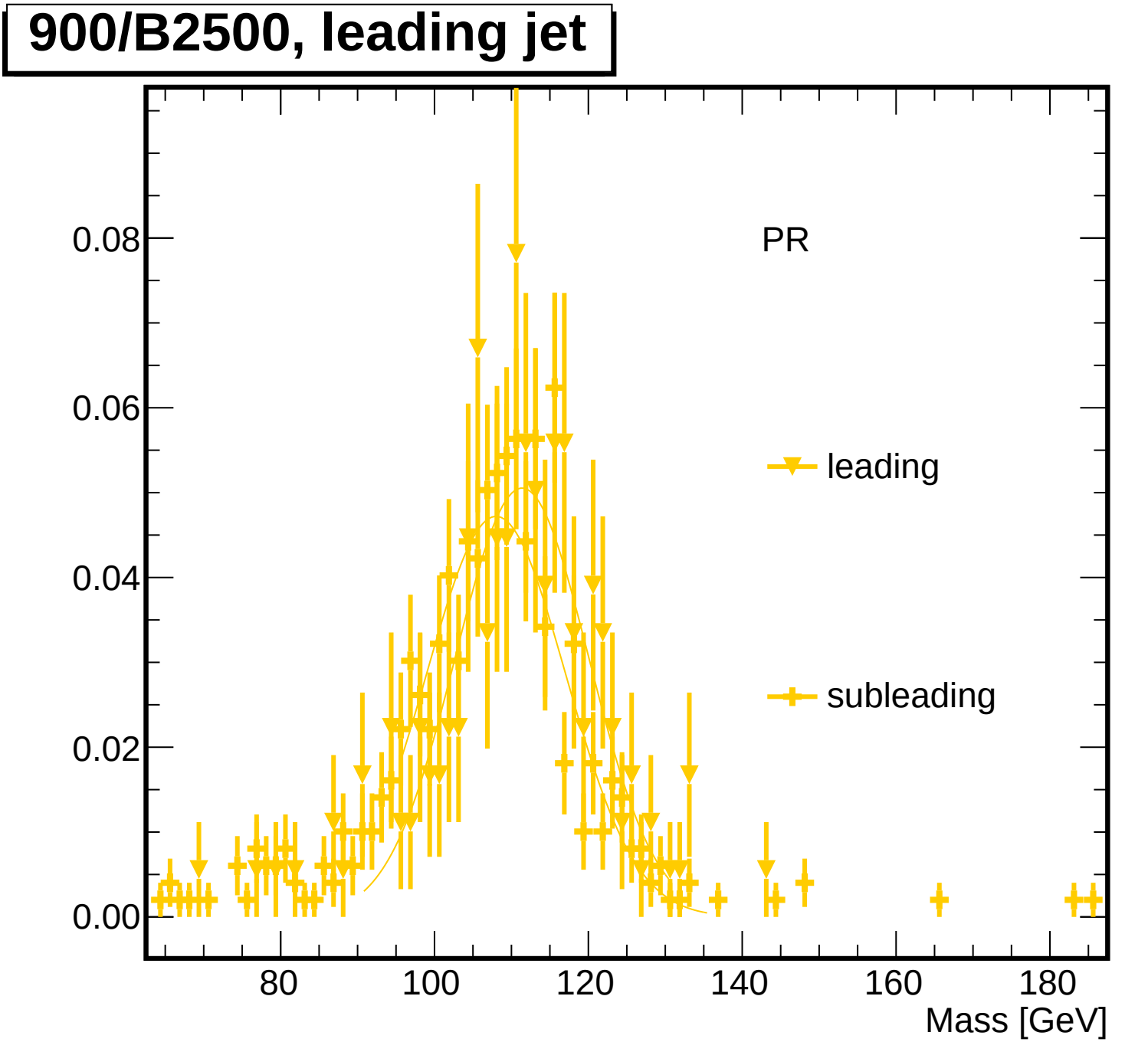

900/B2500, leading jet
PR
Mean = -0.110
Sigma = 0.073
PRCorr
Mean = -0.047
Sigma = 0.077
AK8SD
Mean = -0.110
Sigma = 0.073
AK8SDCorrThea
Mean = -0.030
Sigma = 0.078
AK8SDHCorr
Mean = -0.011
Sigma = 0.071
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

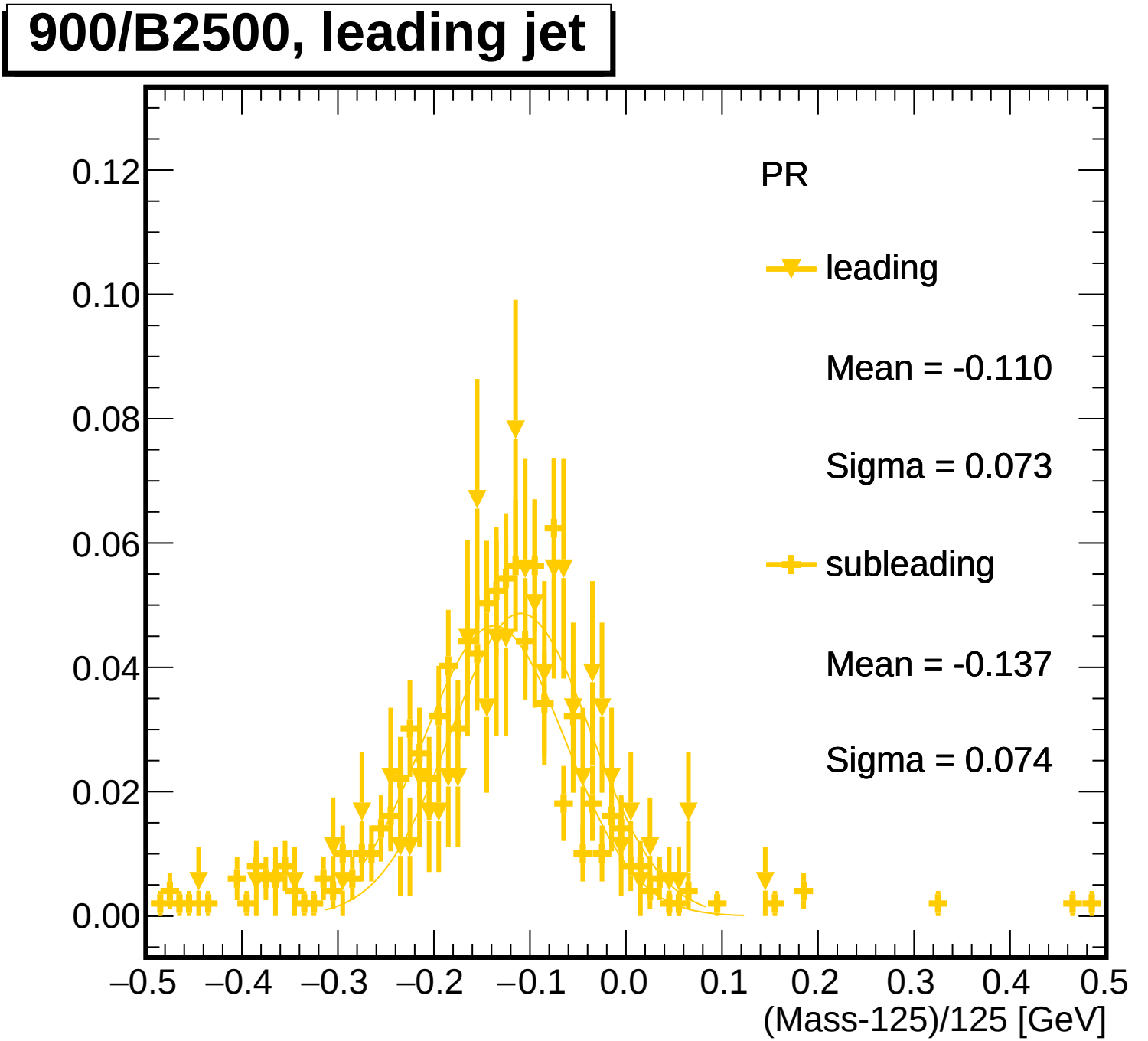

900/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

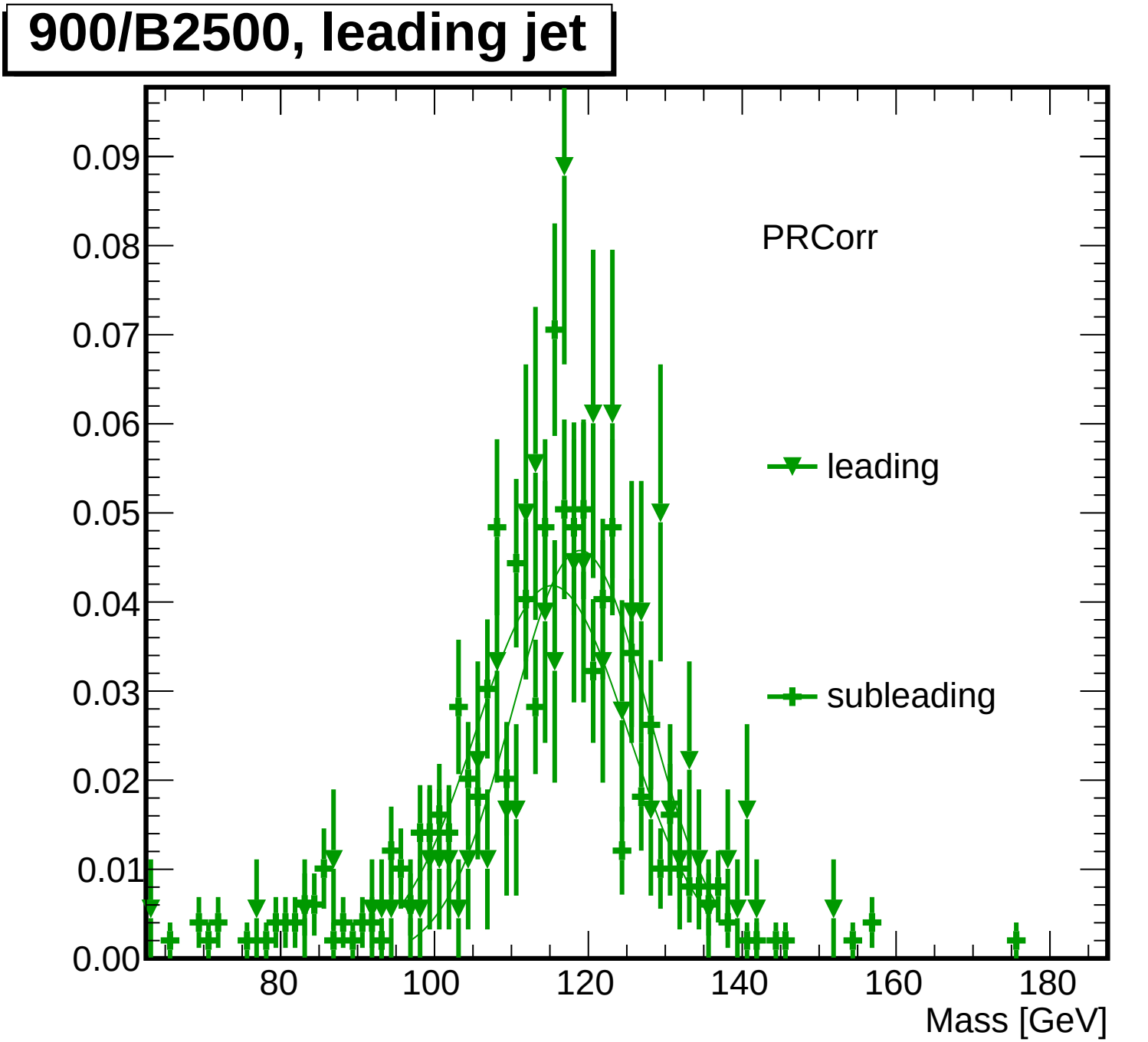

900/B2500, subleading jet
PR
Mean = -0.137
Sigma = 0.074
PRCorr
Mean = -0.078
Sigma = 0.081
AK8SD
Mean = -0.162
Sigma = 0.083
AK8SDCorrThea
Mean = -0.084
Sigma = 0.093
AK8SDHCorr
Mean = -0.062
Sigma = 0.092
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

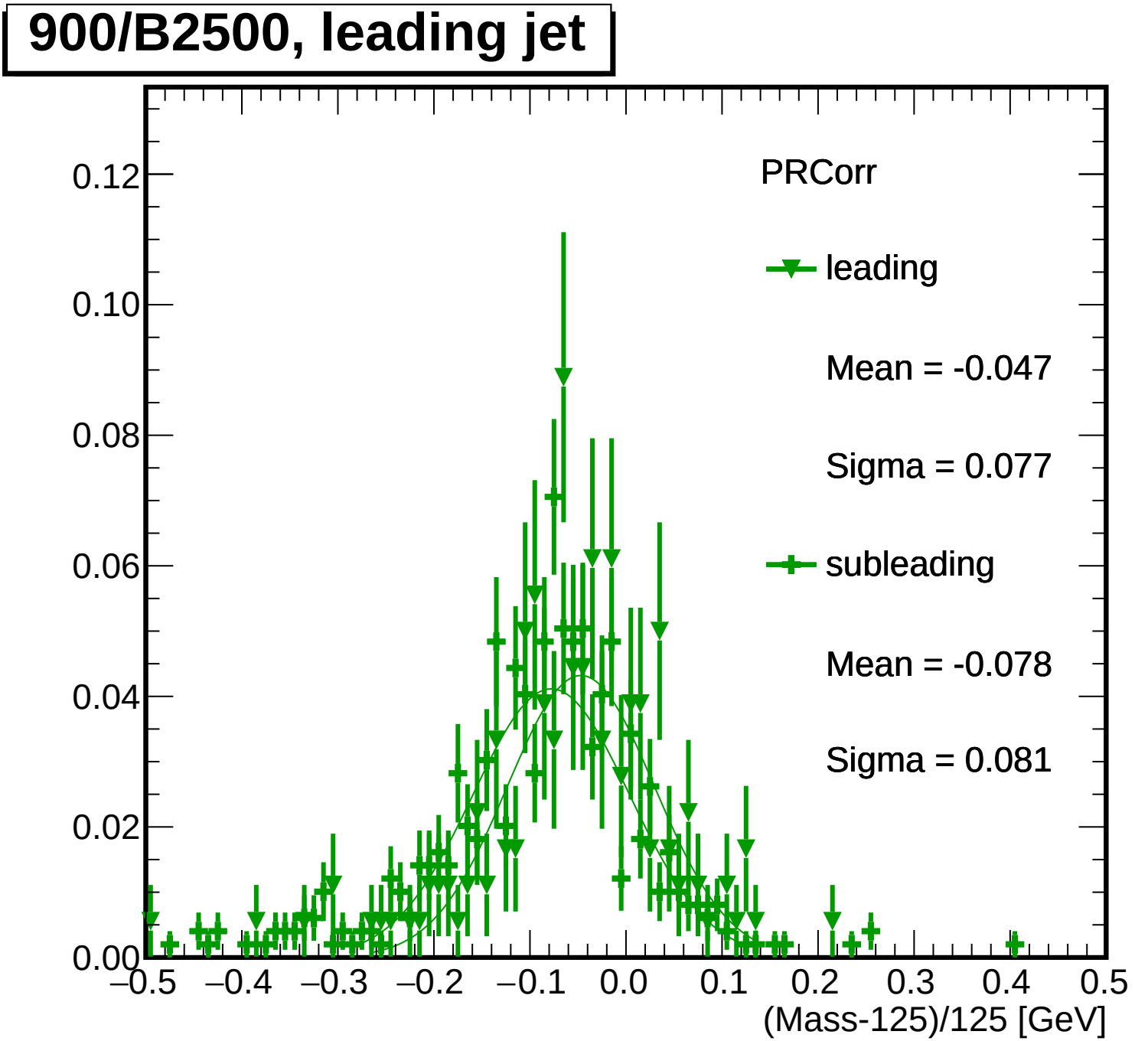

900/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

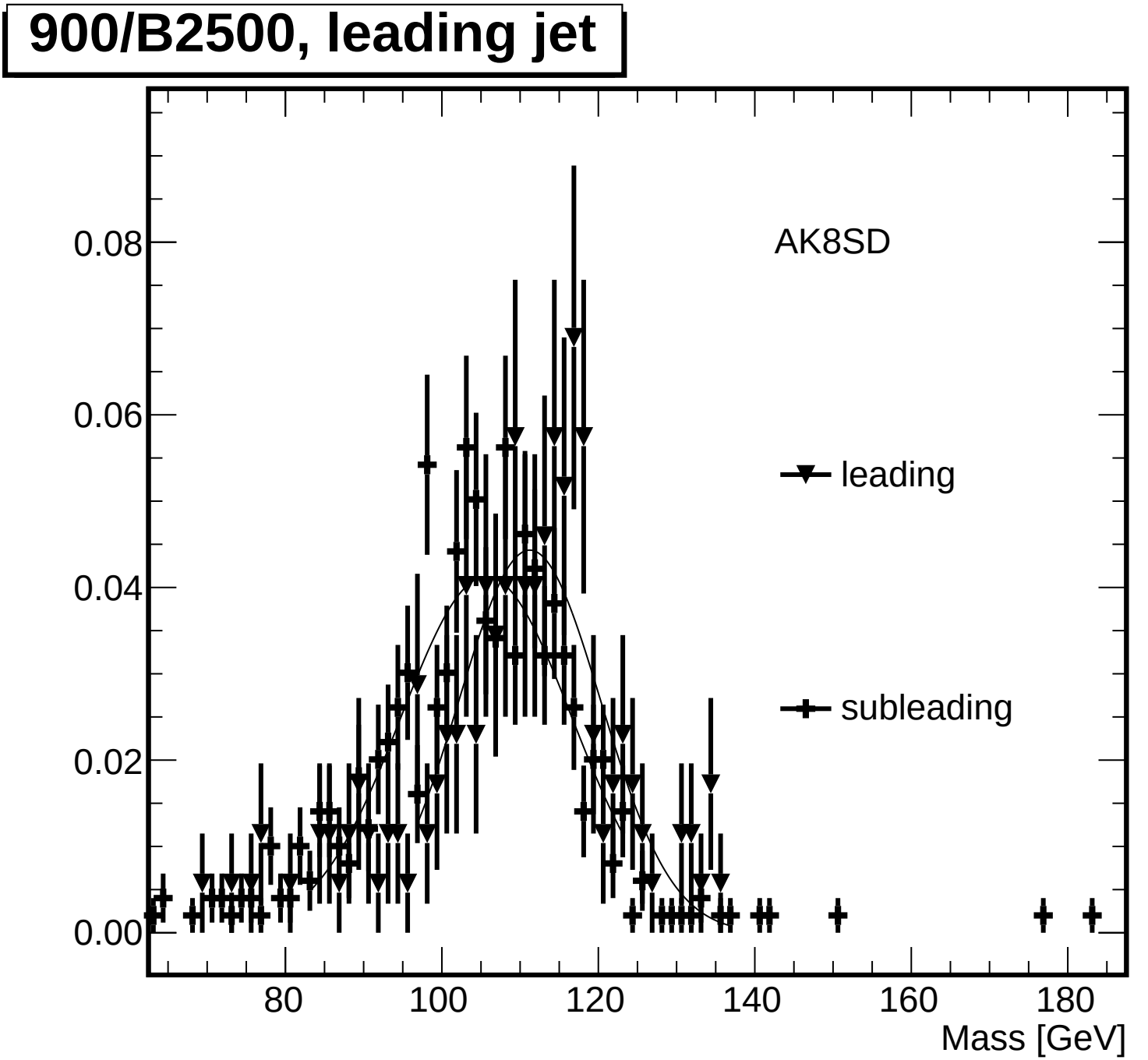

900/B2500, both jets
PR
Mean = -0.129
Sigma = 0.076
PRCorr
Mean = -0.070
Sigma = 0.081
AK8SD
Mean = -0.154
Sigma = 0.082
AK8SDCorrThea
Mean = -0.073
Sigma = 0.095
AK8SDHCorr
Mean = -0.051
Sigma = 0.096
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

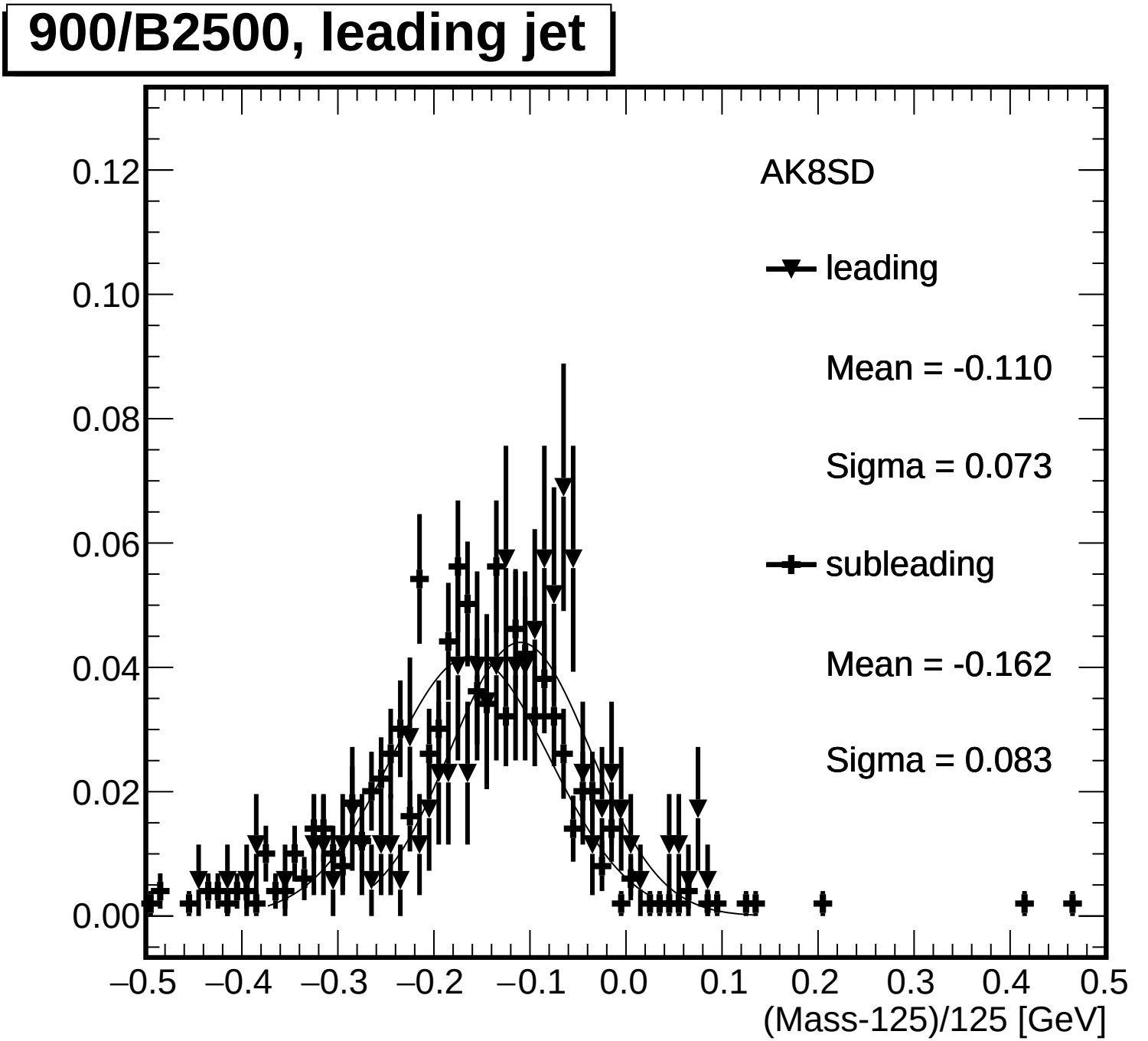

900/B2500, leading jet
PR
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

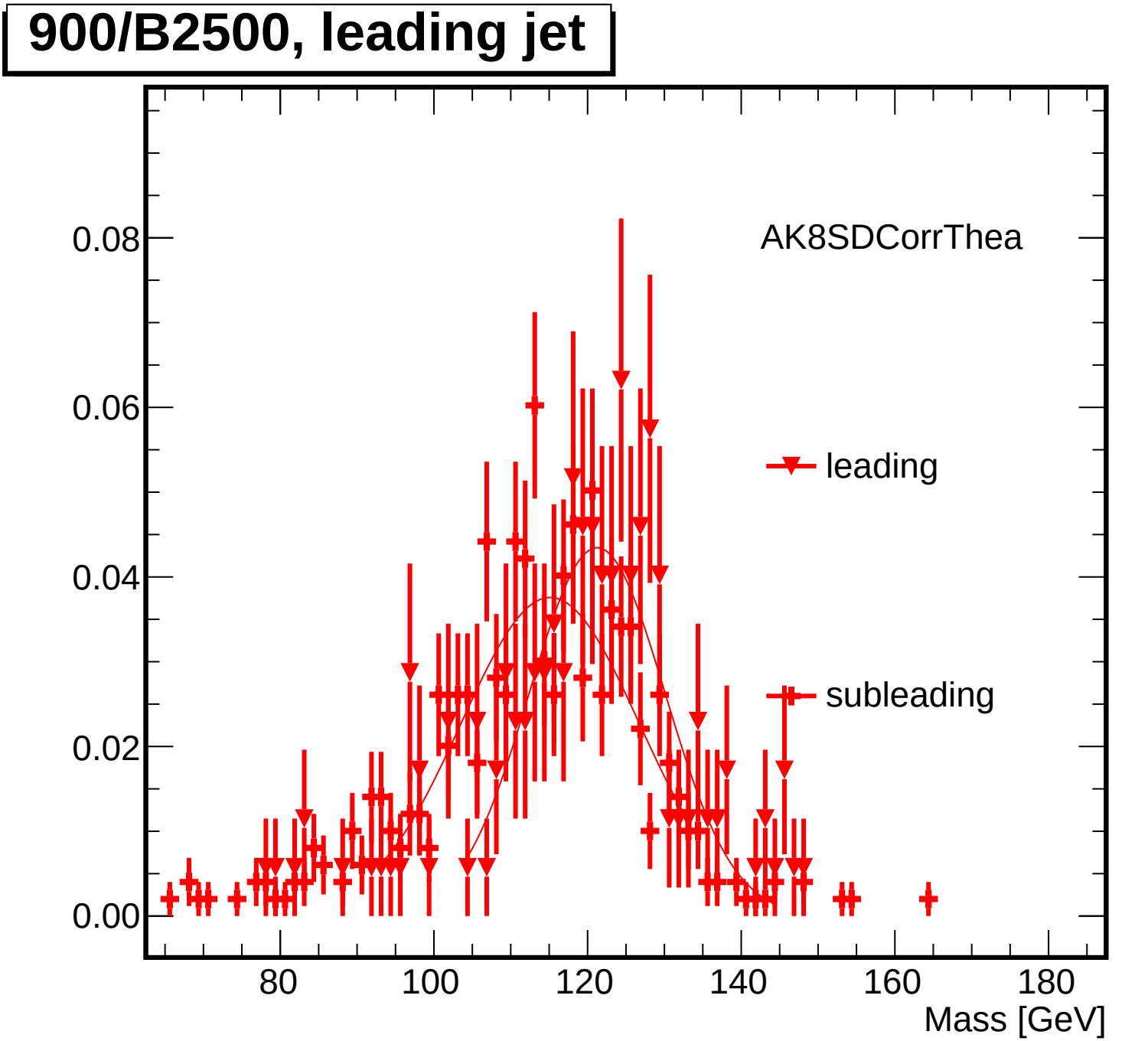

900/B2500, leading jet
PR
leading
Mean = -0.110
Sigma = 0.073
subleading
Mean = -0.137
Sigma = 0.074
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

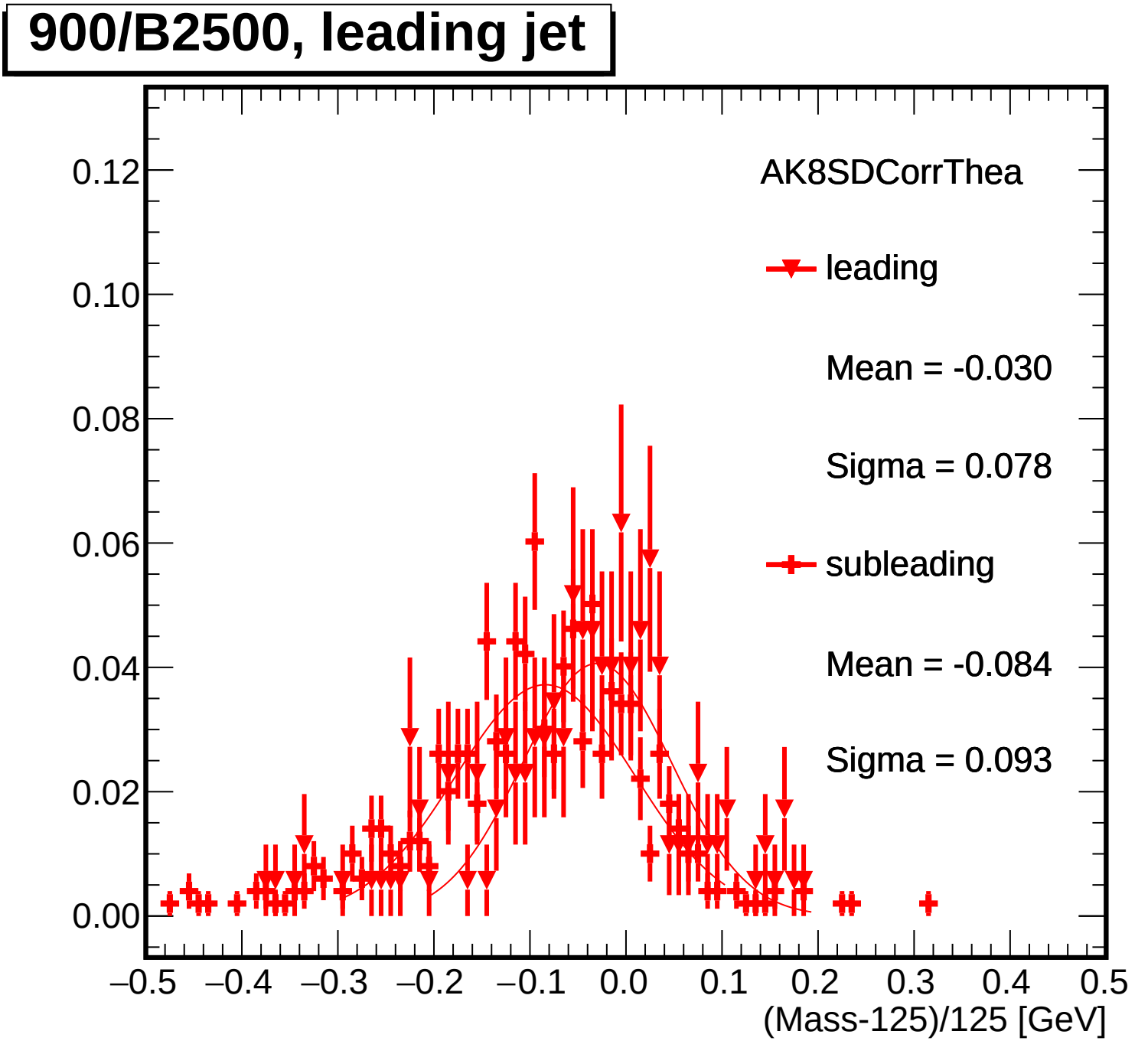

900/B2500, leading jet
PRCorr
leading
subleading
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

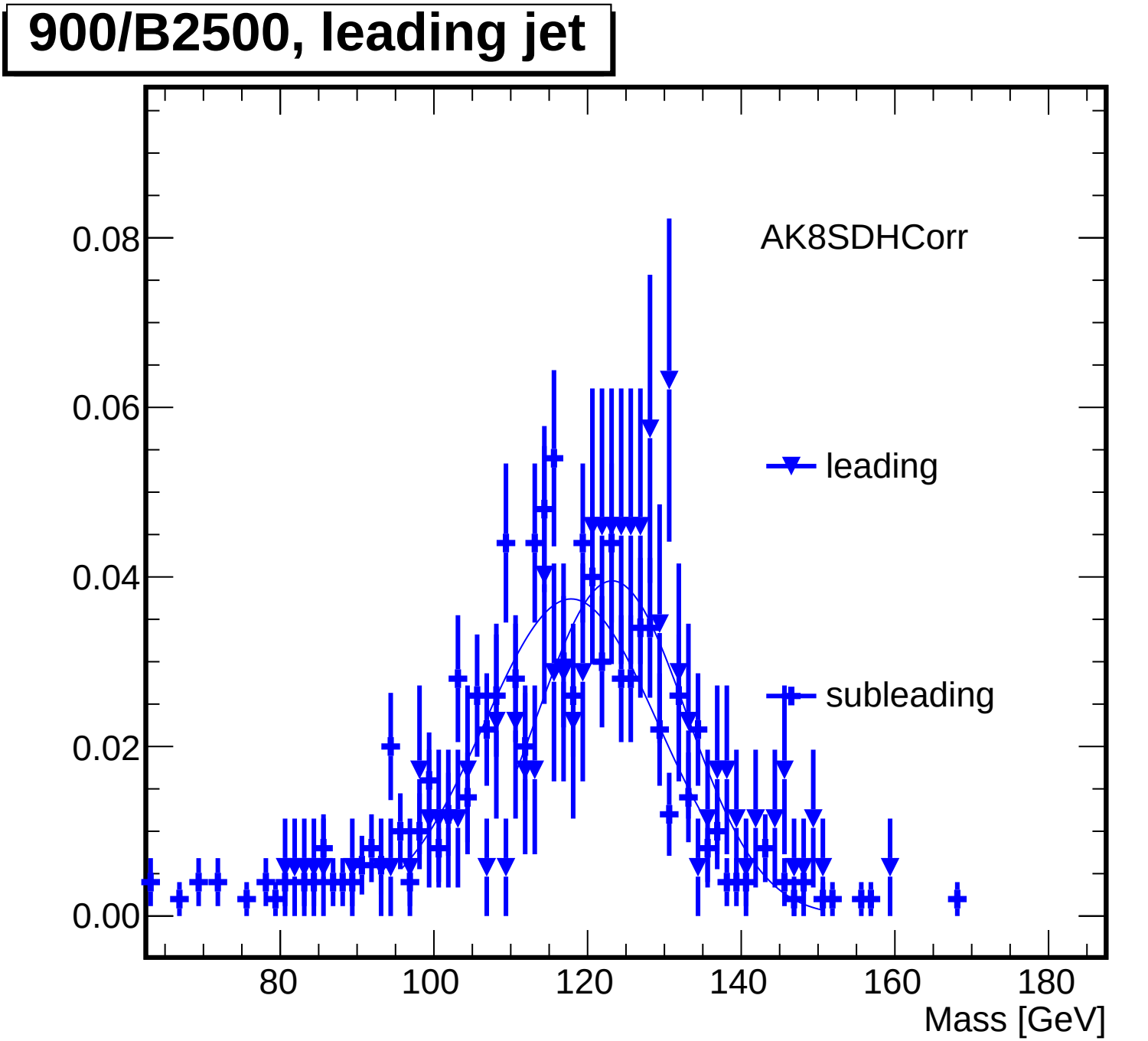

900/B2500, leading jet
PRCorr
leading
Mean = -0.047
Sigma = 0.077
subleading
Mean = -0.078
Sigma = 0.081
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

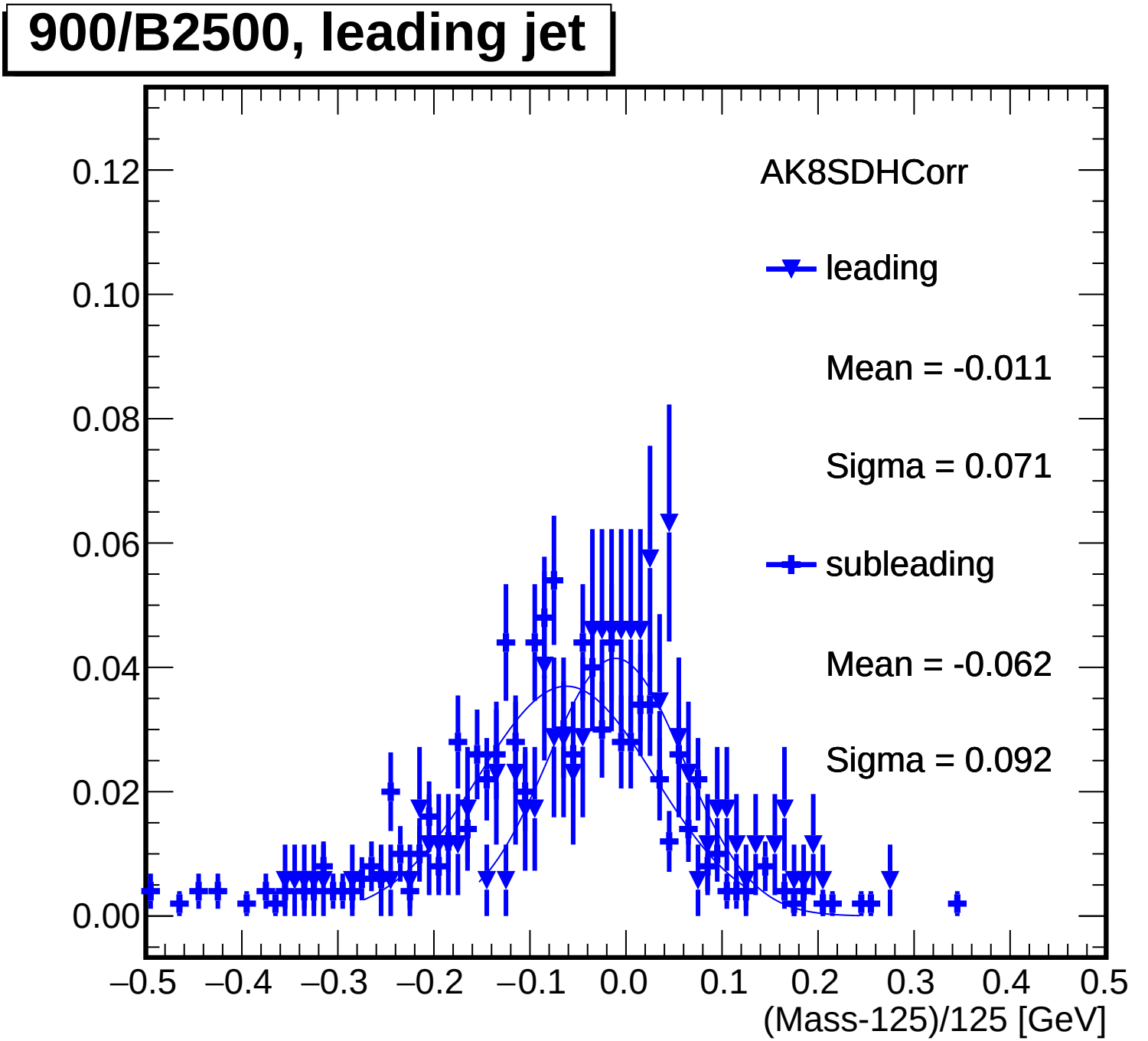

900/B2500, leading jet
AK8SD
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


900/B2500, leading jet
AK8SD
leading
Mean = -0.110
Sigma = 0.073
subleading
Mean = -0.162
Sigma = 0.083
0.12
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]


900/B2500, leading jet
AK8SDCorrThea
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


900/B2500, leading jet
AK8SDCorrThea
leading
Mean = -0.030
Sigma = 0.078
subleading
Mean = -0.084
Sigma = 0.093
0.12
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]


900/B2500, leading jet
AK8SDHCorr
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


900/B2500, leading jet
AK8SDHCorr
leading
Mean = -0.011
Sigma = 0.071
subleading
Mean = -0.062
Sigma = 0.092
0.12
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]