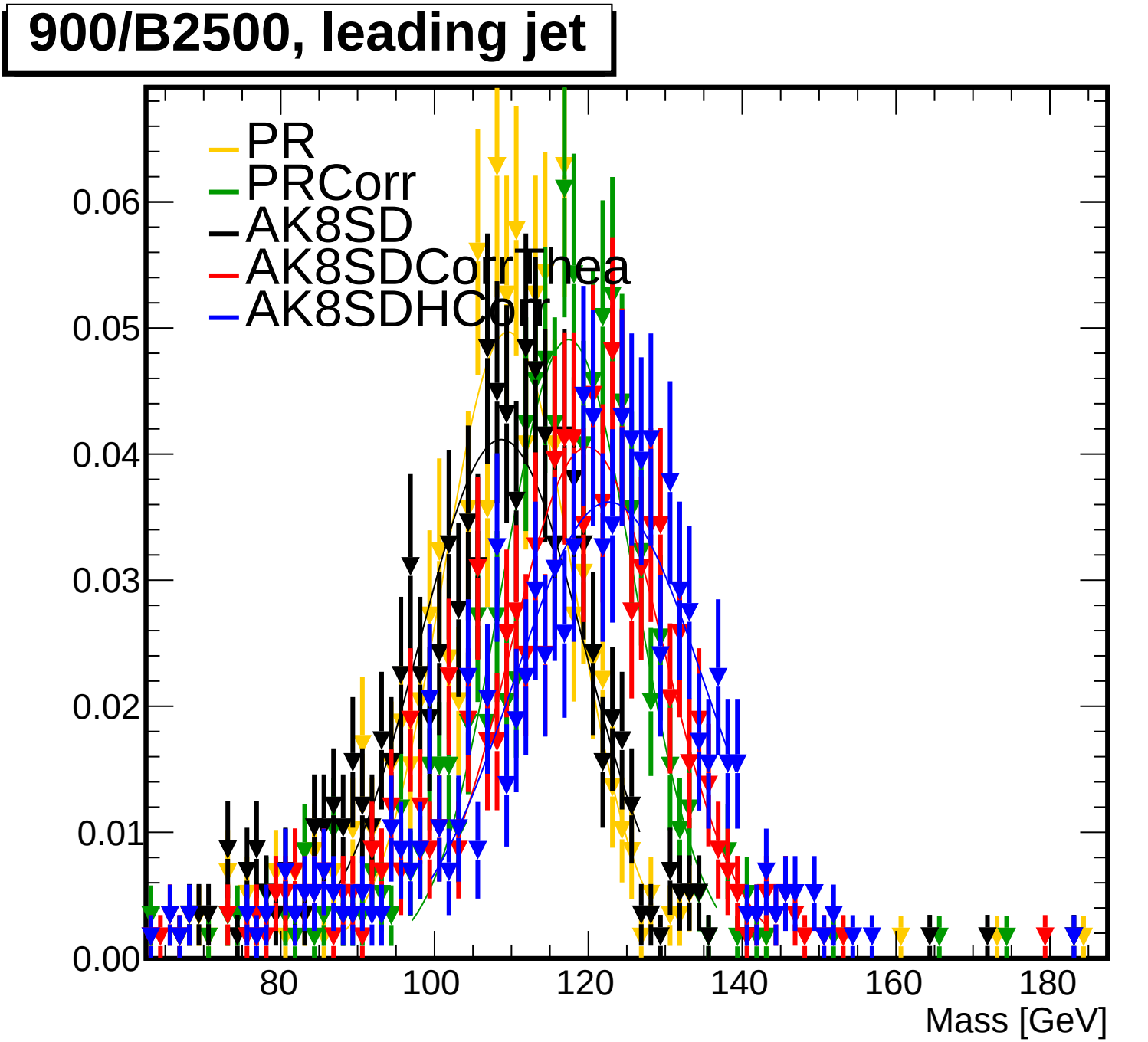
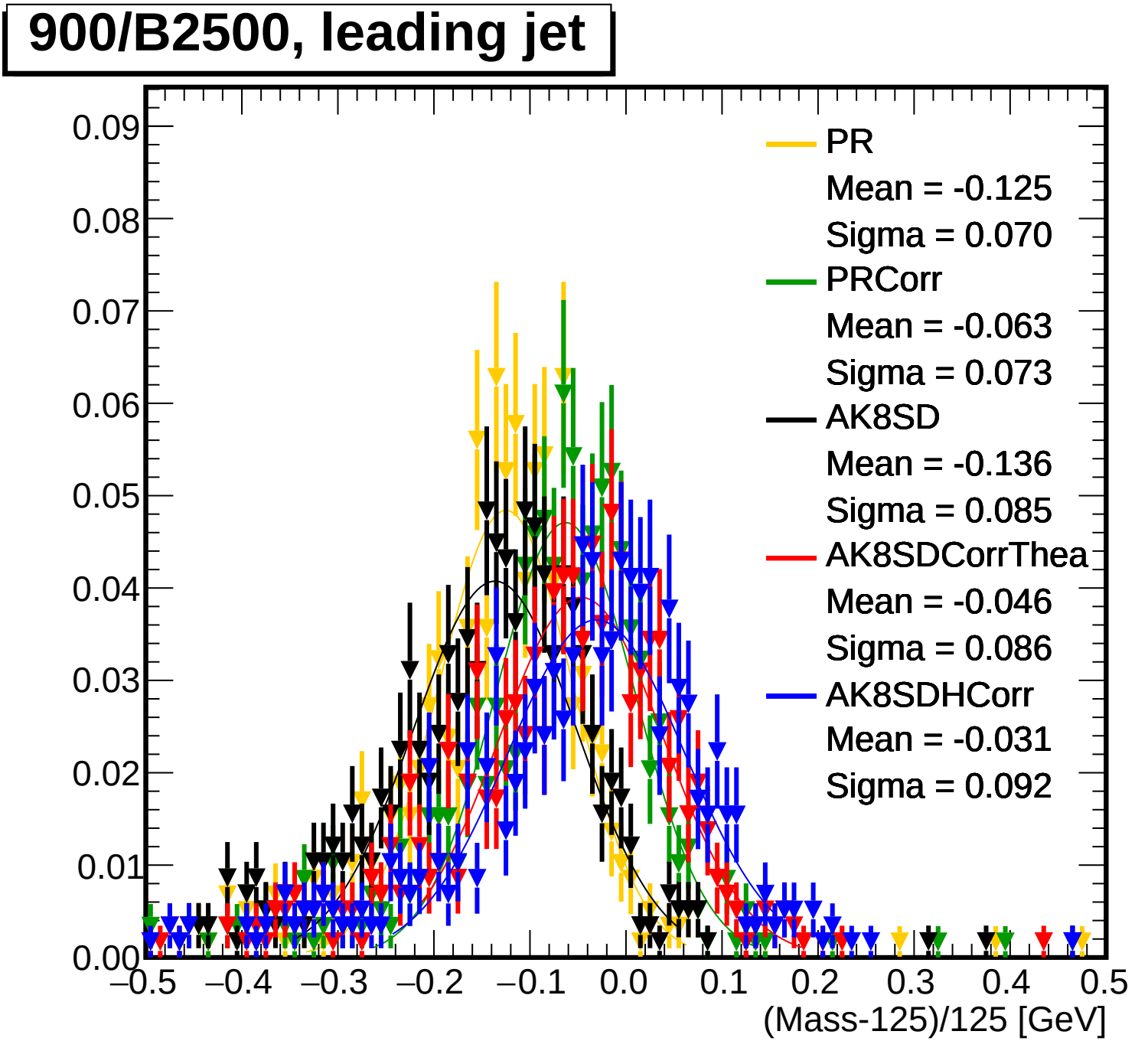
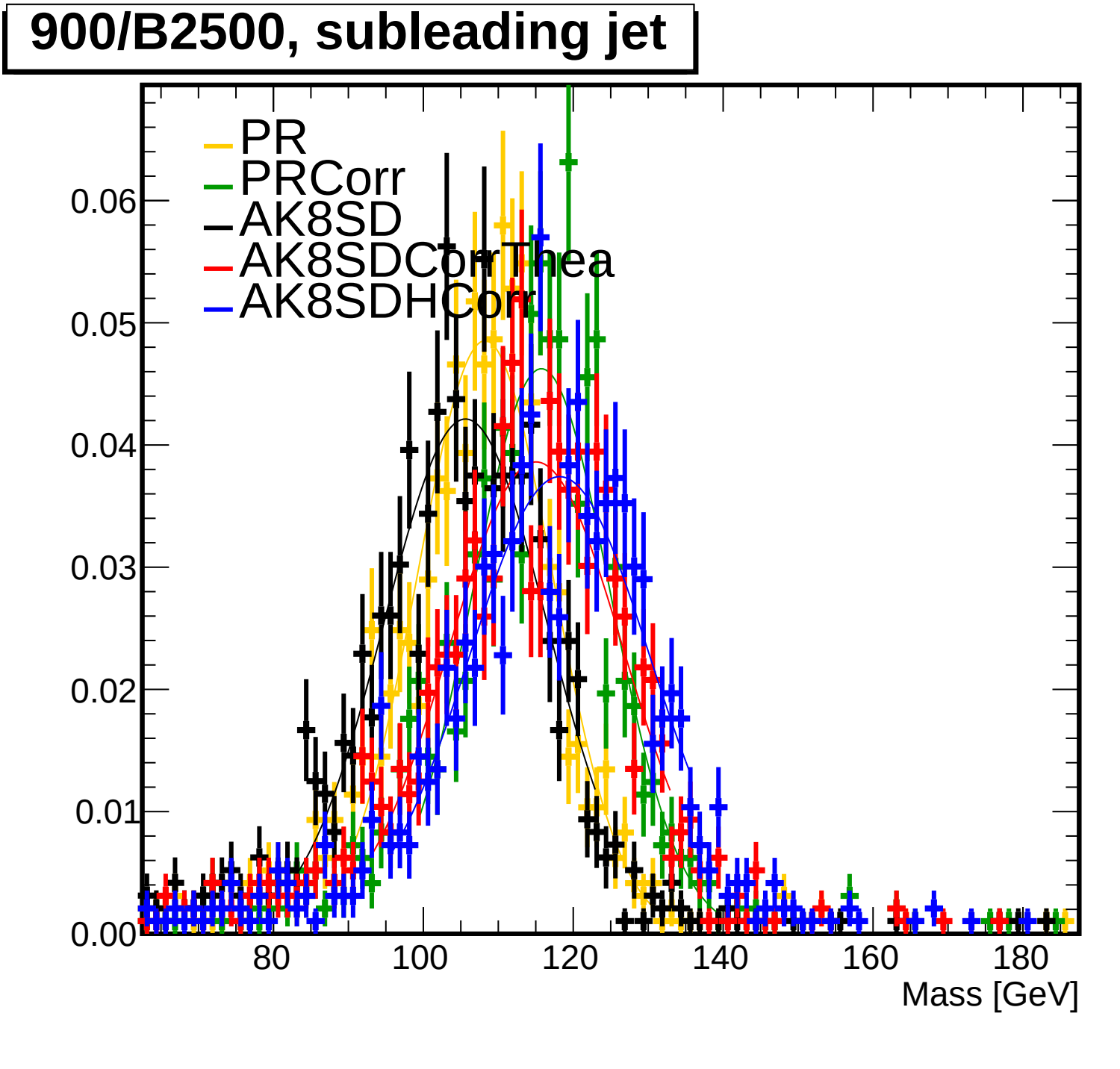
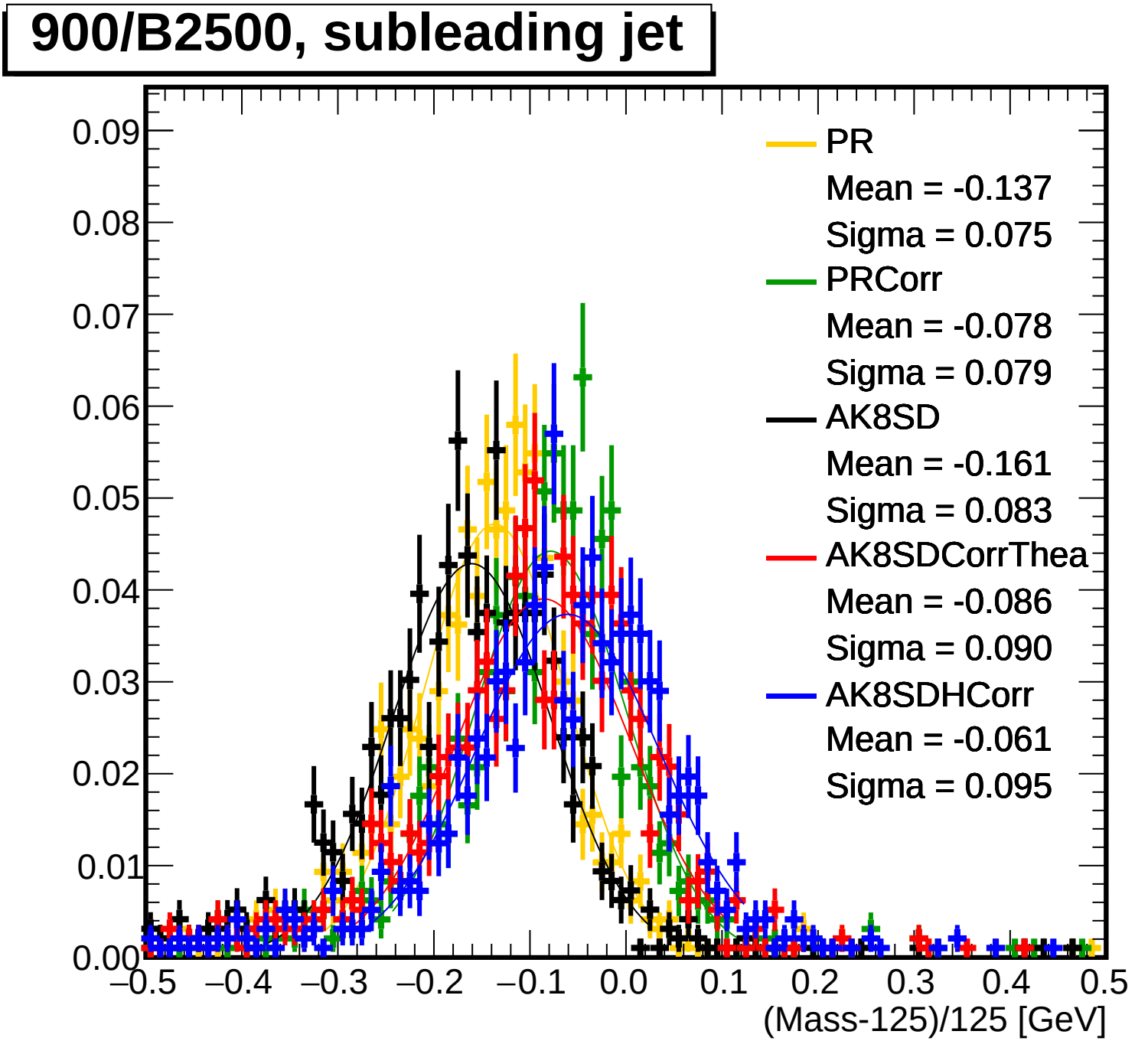
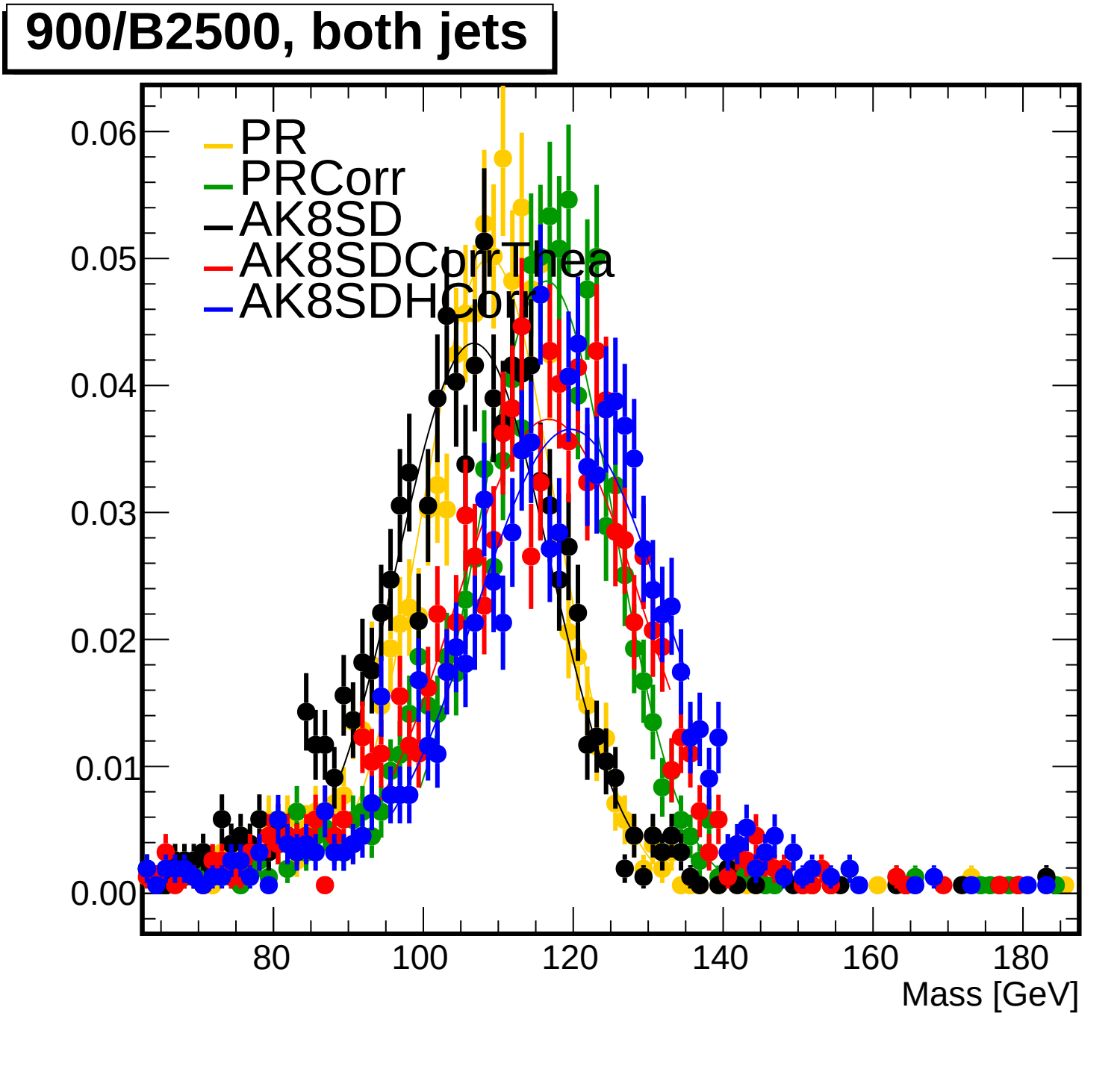
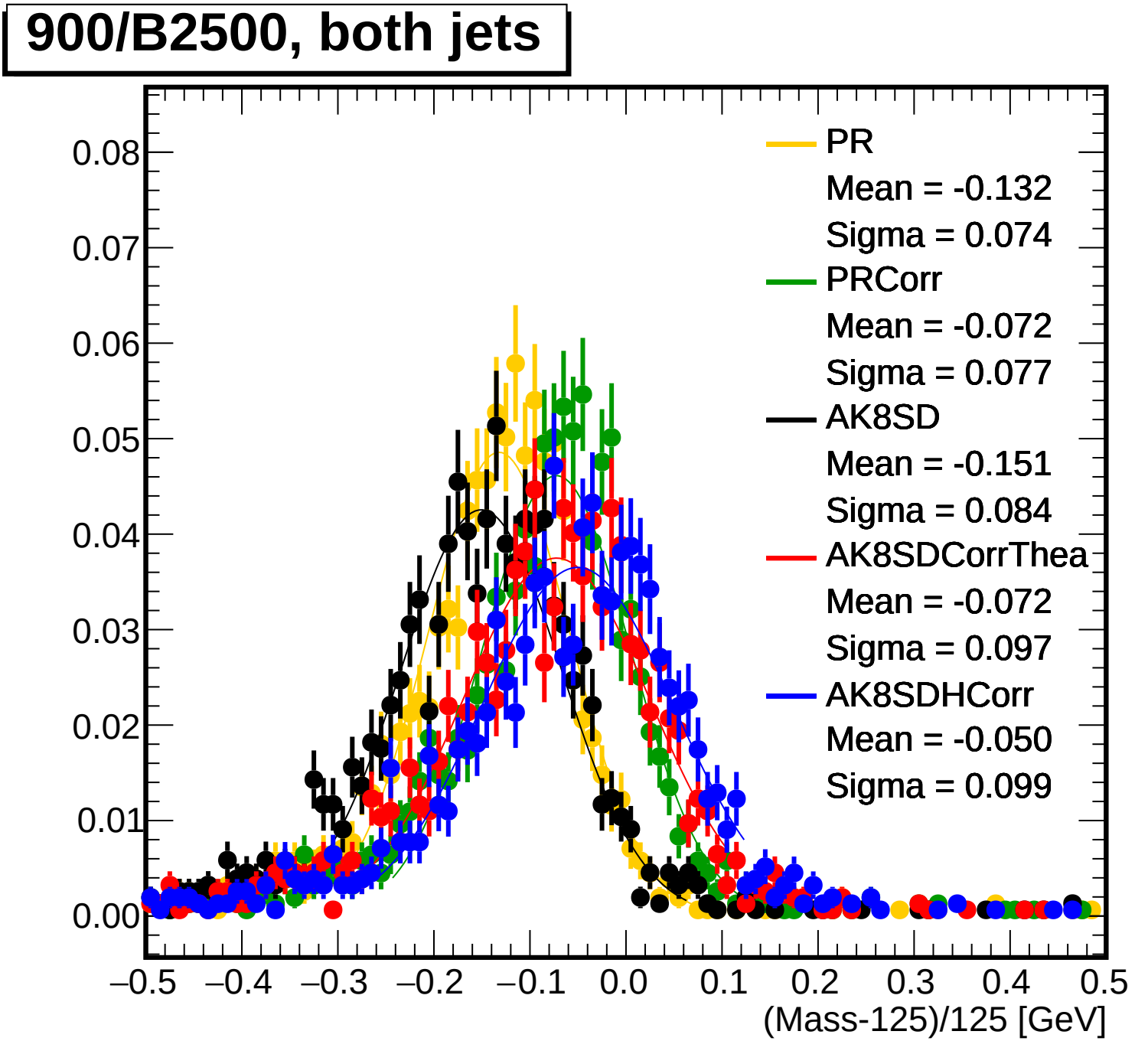

900/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

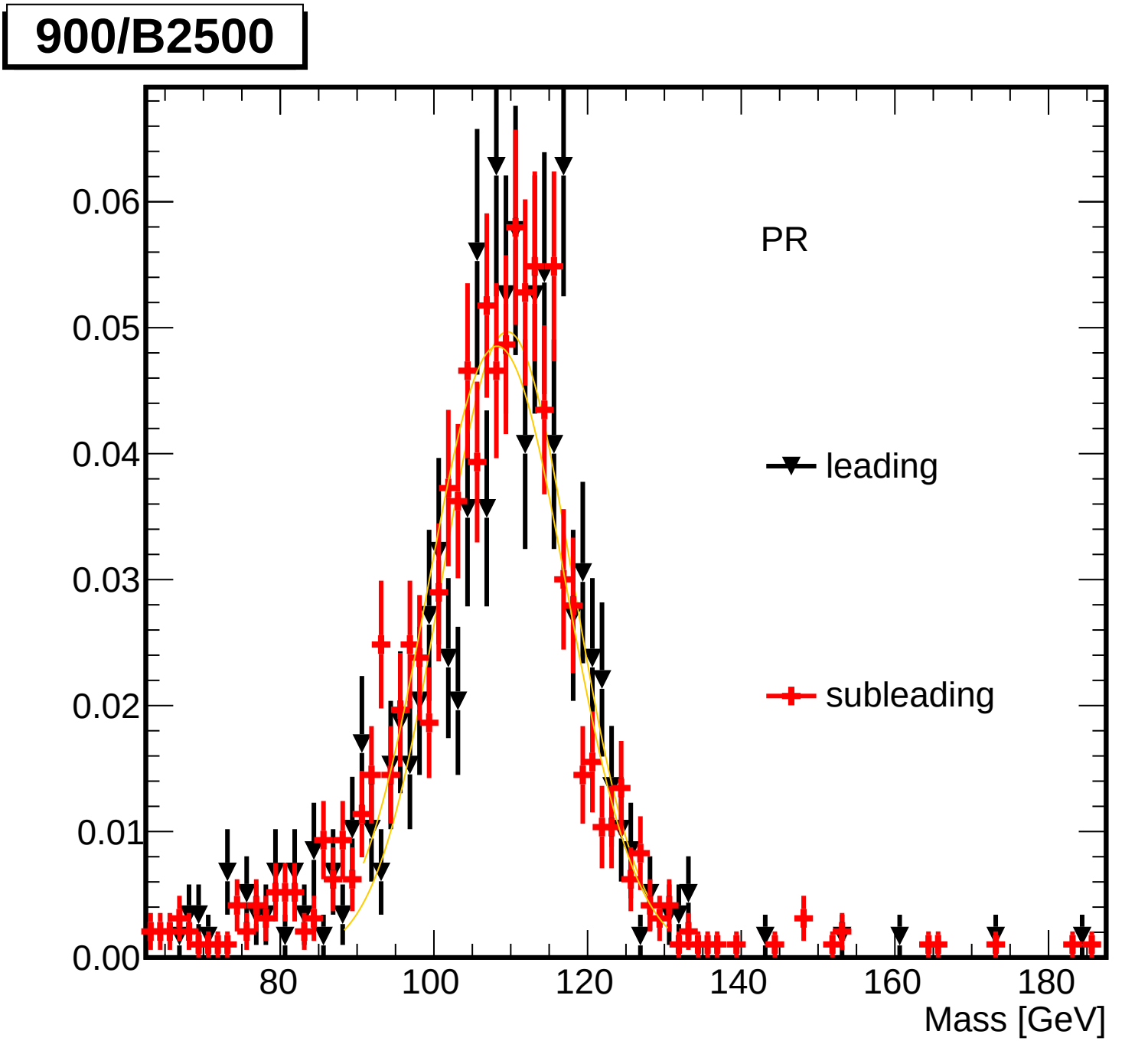

900/B2500, leading jet
PR
Mean = -0.125
Sigma = 0.070
PRCorr
Mean = -0.063
Sigma = 0.073
AK8SD
Mean = -0.136
Sigma = 0.085
AK8SDCorrThea
Mean = -0.046
Sigma = 0.086
AK8SDHCorr
Mean = -0.031
Sigma = 0.092
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

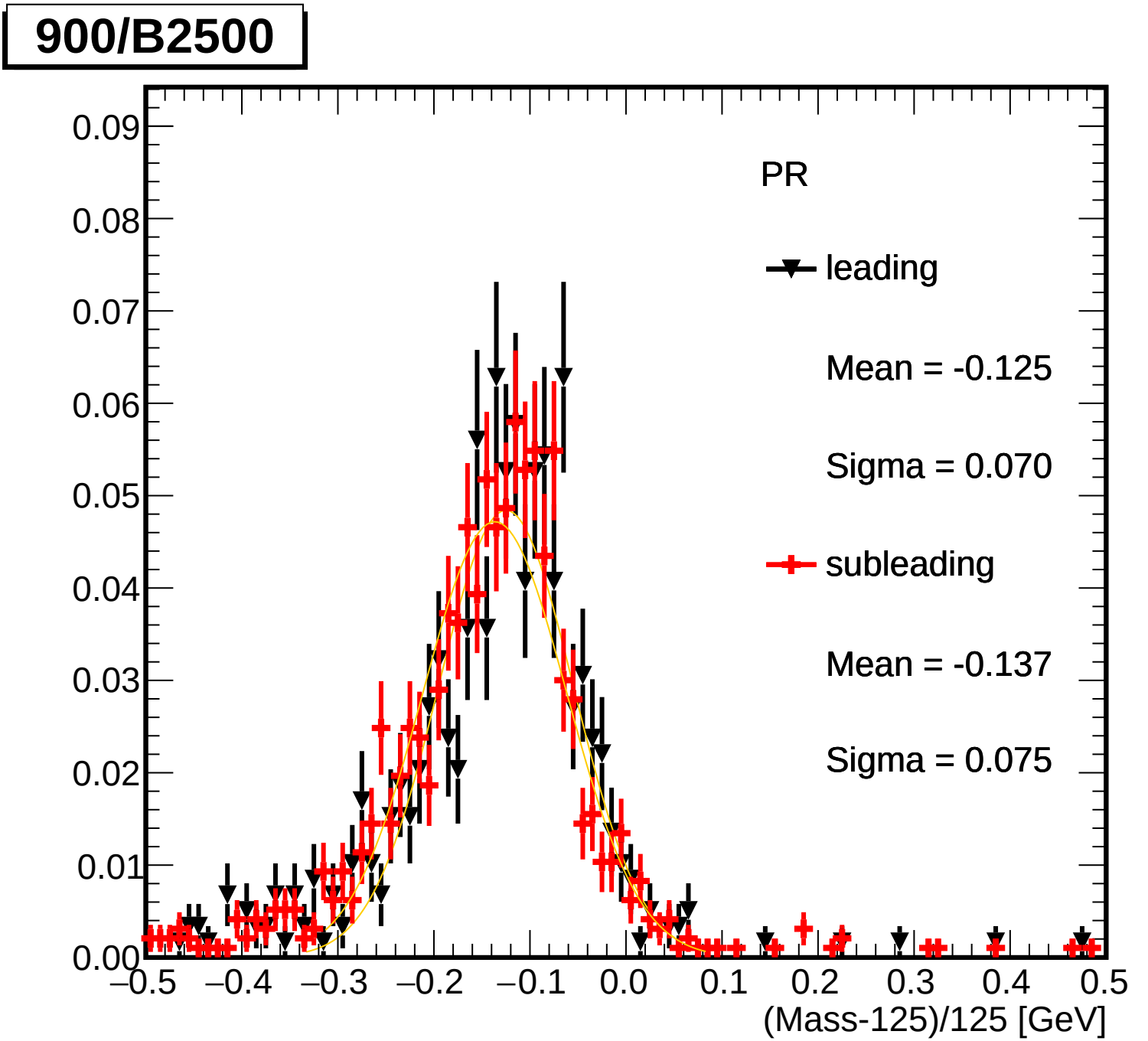

900/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

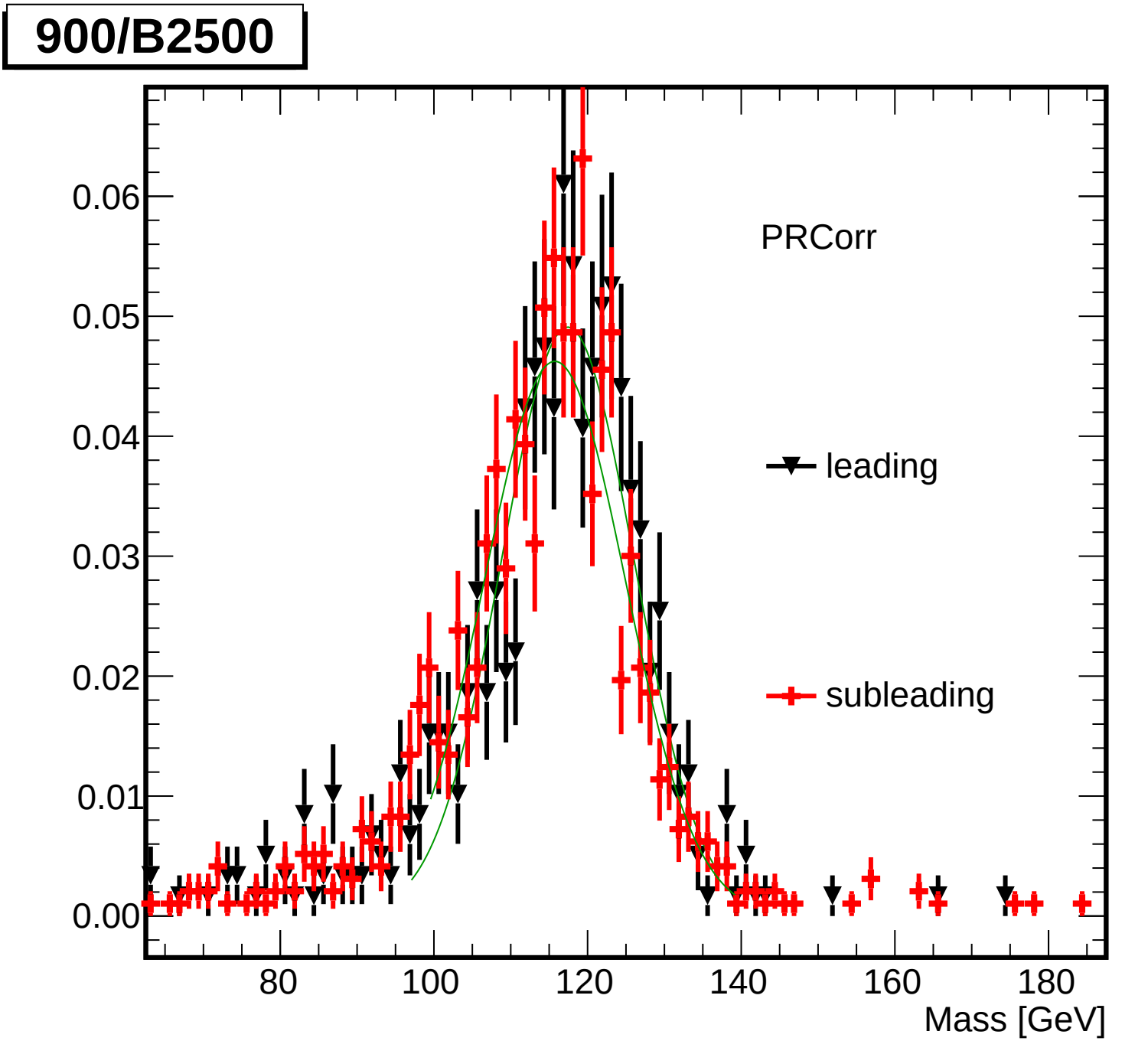

900/B2500, subleading jet
PR
Mean = -0.137
Sigma = 0.075
PRCorr
Mean = -0.078
Sigma = 0.079
AK8SD
Mean = -0.161
Sigma = 0.083
AK8SDCorrThea
Mean = -0.086
Sigma = 0.090
AK8SDHCorr
Mean = -0.061
Sigma = 0.095
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

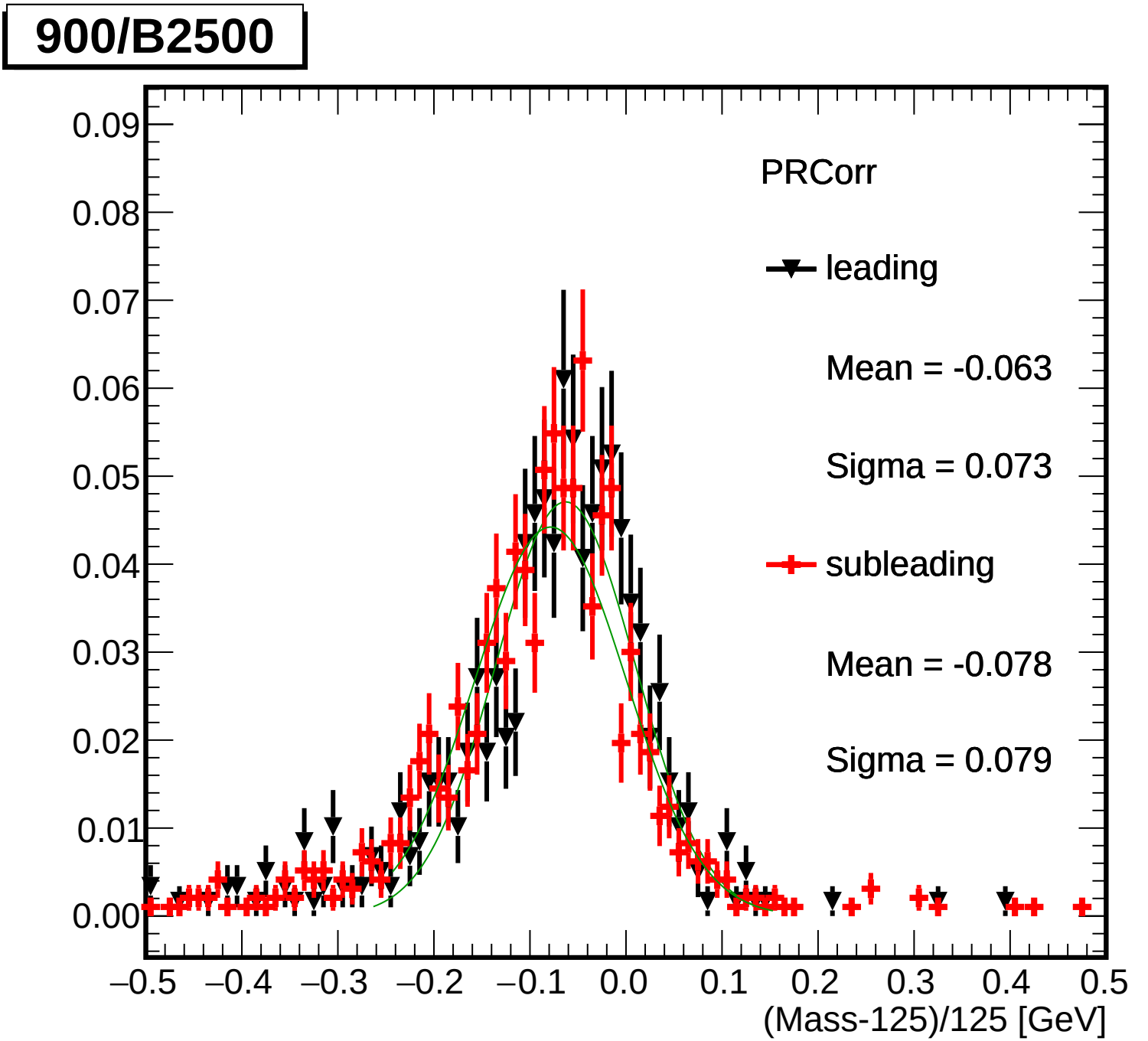

900/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

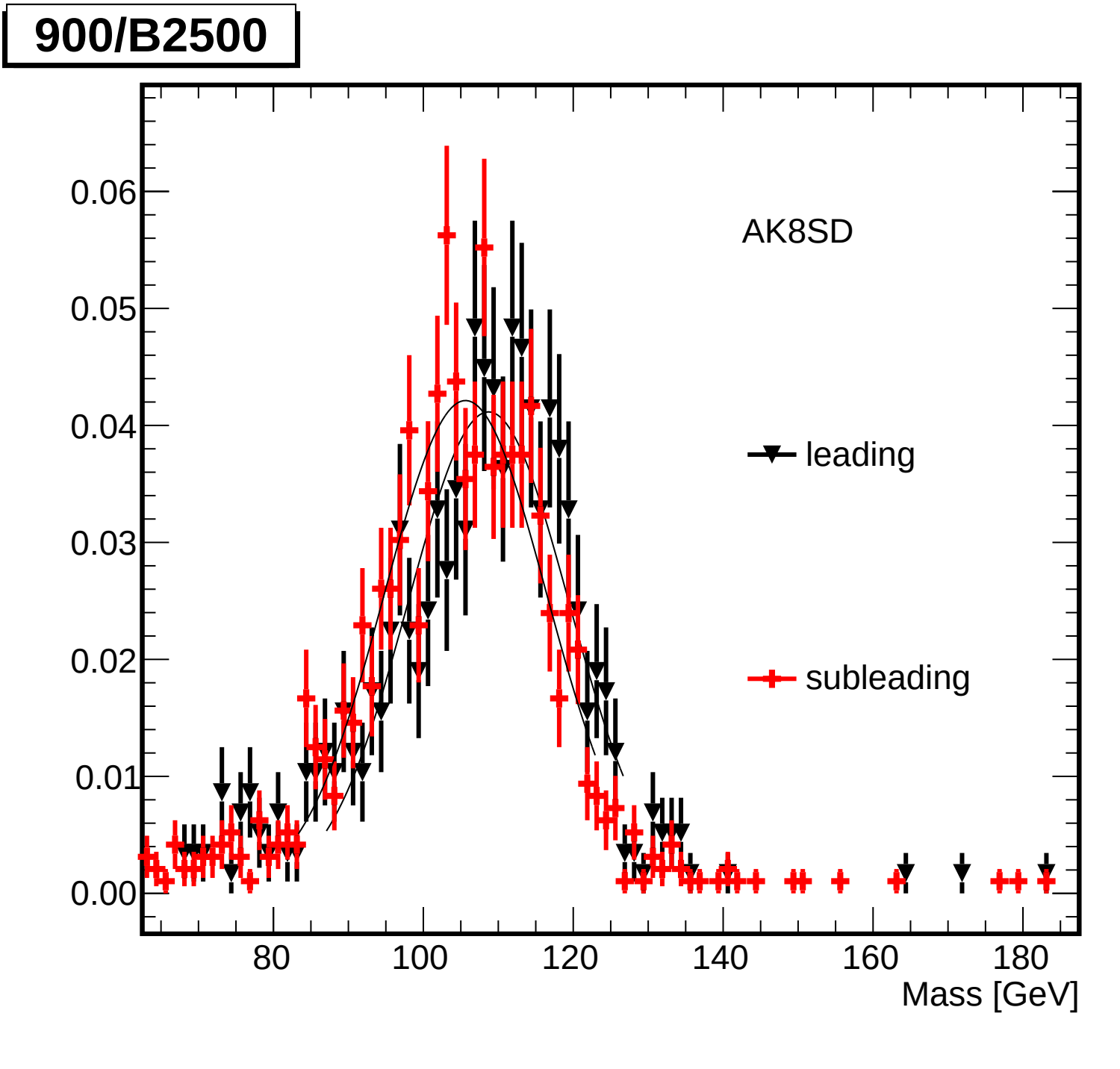

900/B2500, both jets
PR
Mean = -0.132
Sigma = 0.074
PRCorr
Mean = -0.072
Sigma = 0.077
AK8SD
Mean = -0.151
Sigma = 0.084
AK8SDCorrThea
Mean = -0.072
Sigma = 0.097
AK8SDHCorr
Mean = -0.050
Sigma = 0.099
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

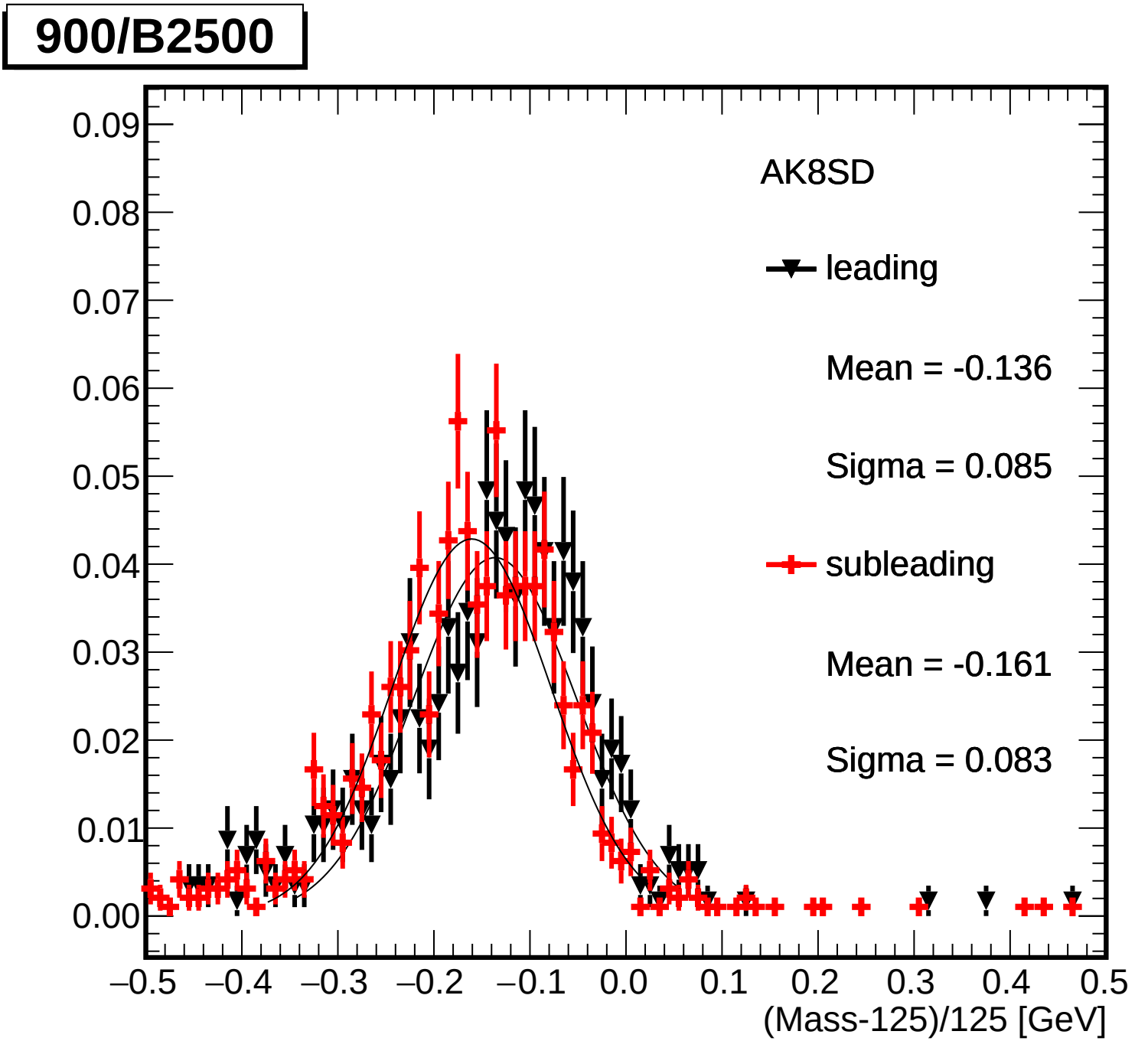

900/B2500
PR
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

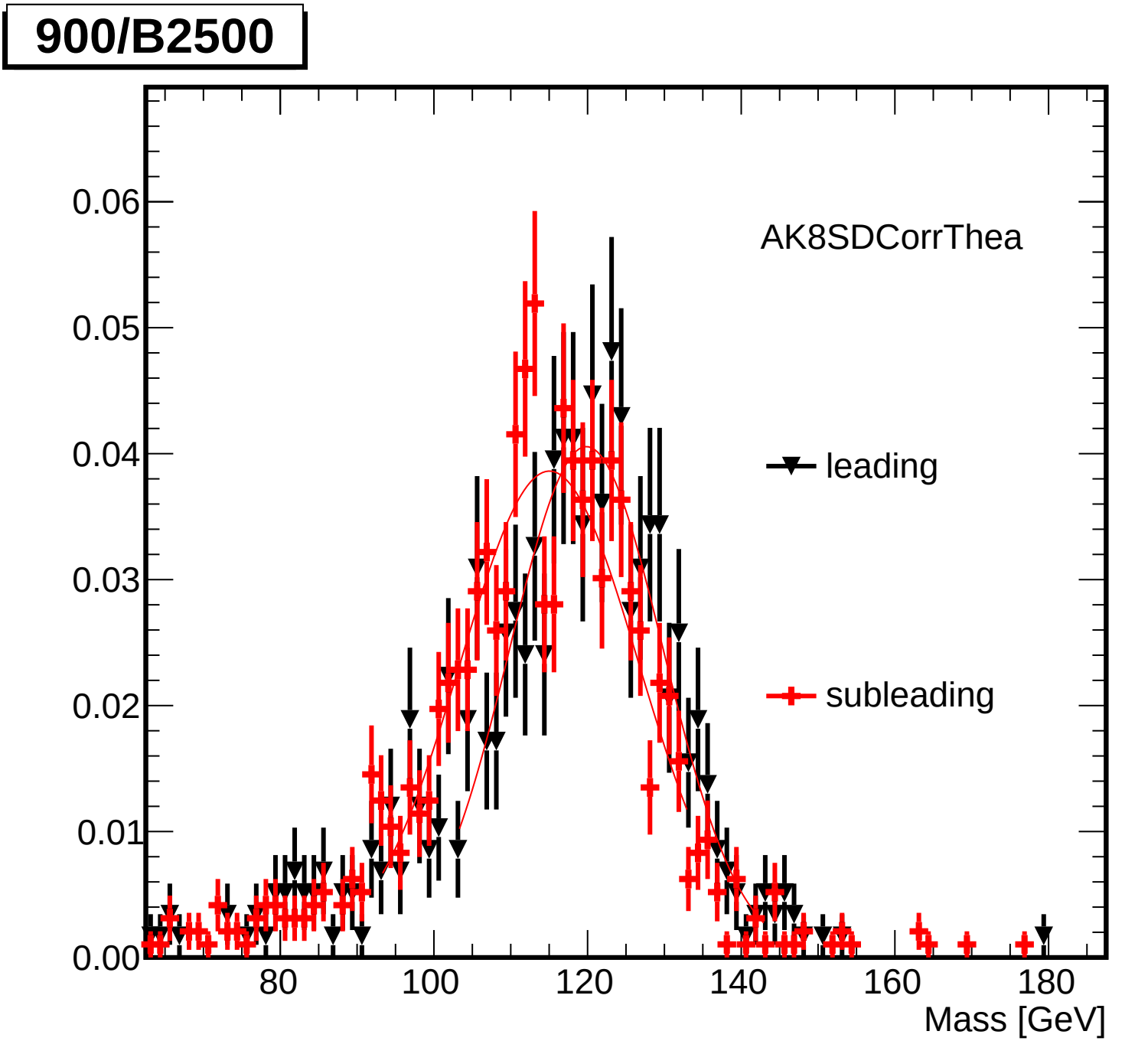

900/B2500
PR
leading
Mean = -0.125
Sigma = 0.070
subleading
Mean = -0.137
Sigma = 0.075
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

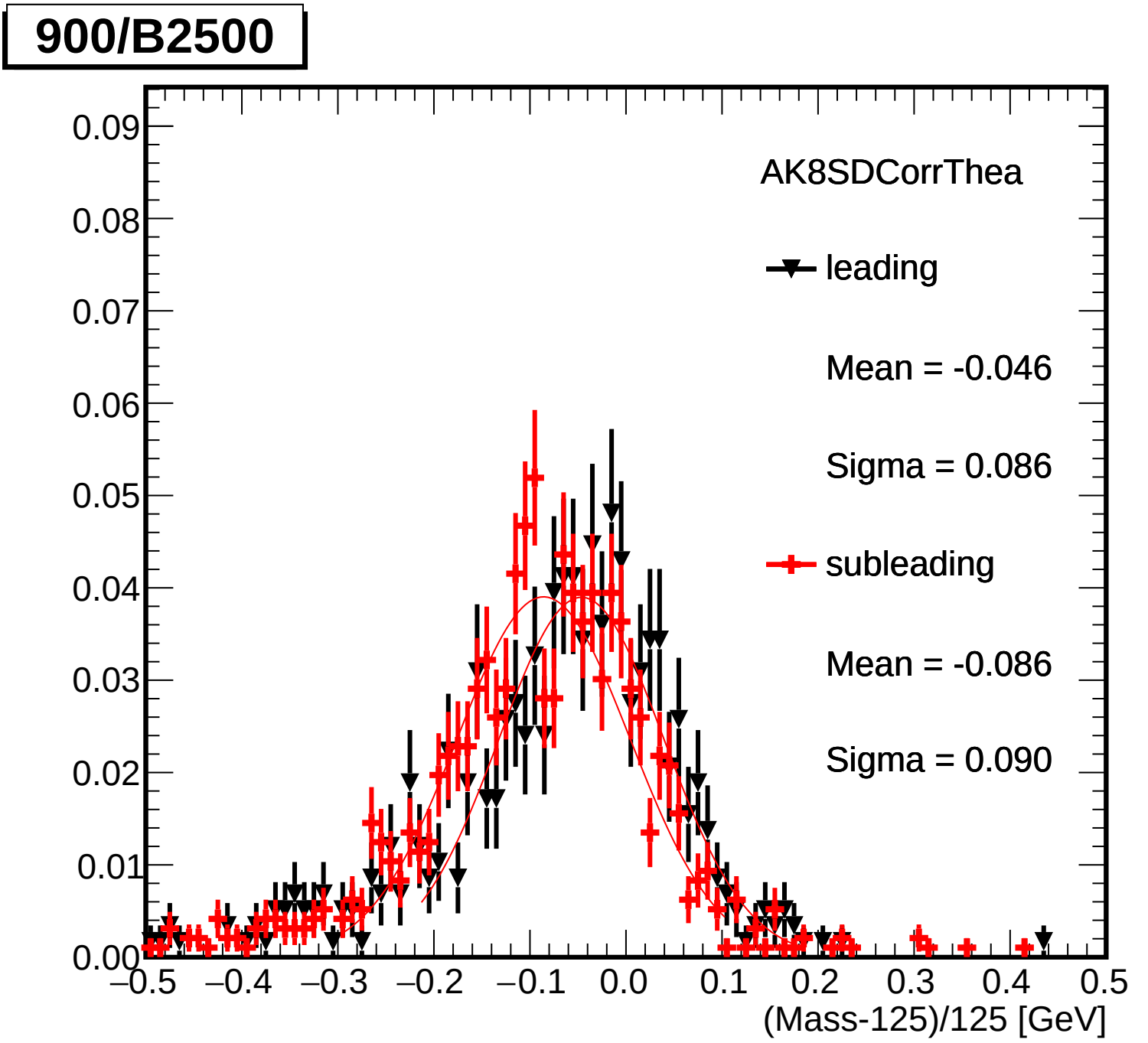

900/B2500
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

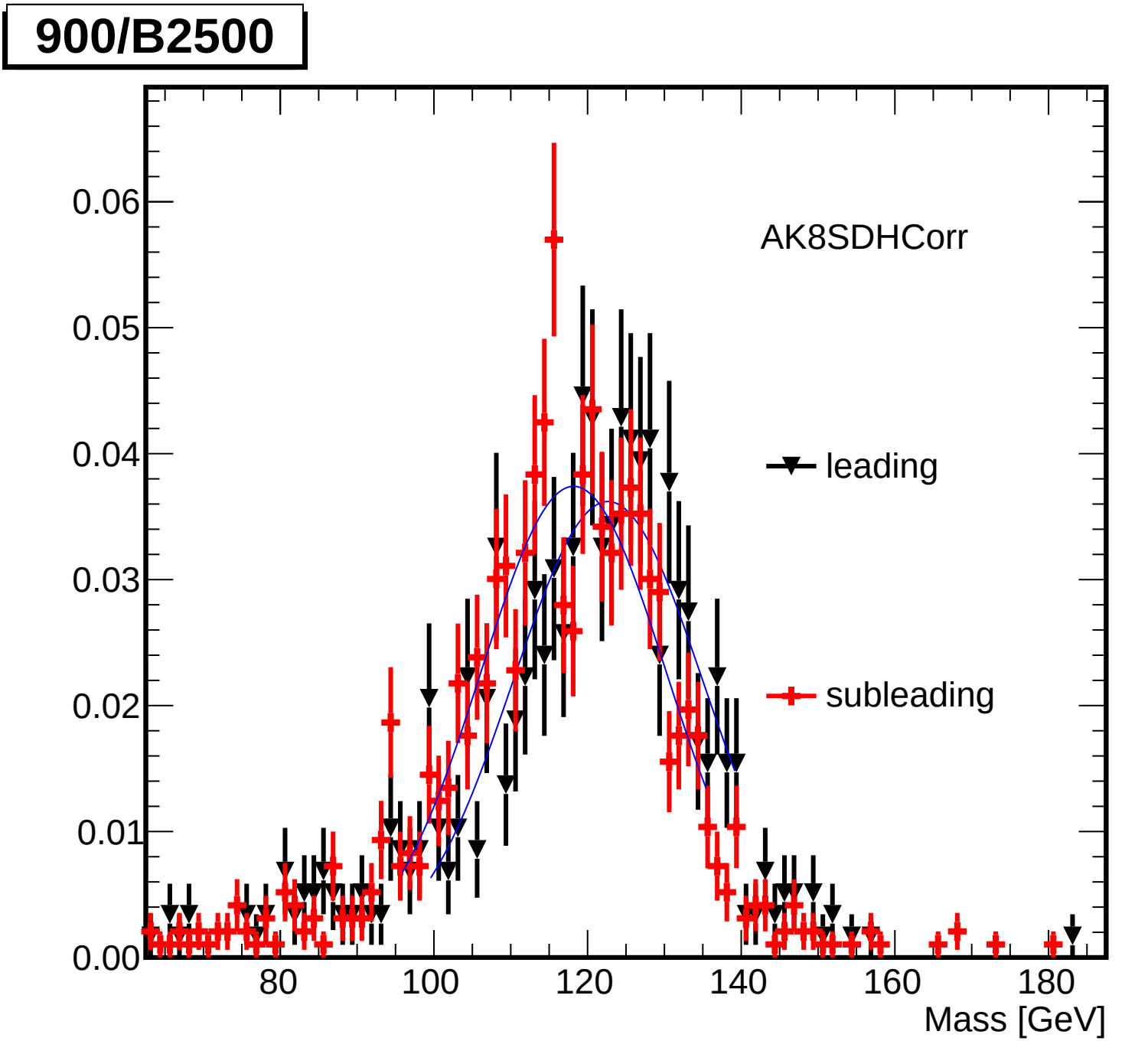

900/B2500
PRCorr
leading
Mean = -0.063
Sigma = 0.073
subleading
Mean = -0.078
Sigma = 0.079
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

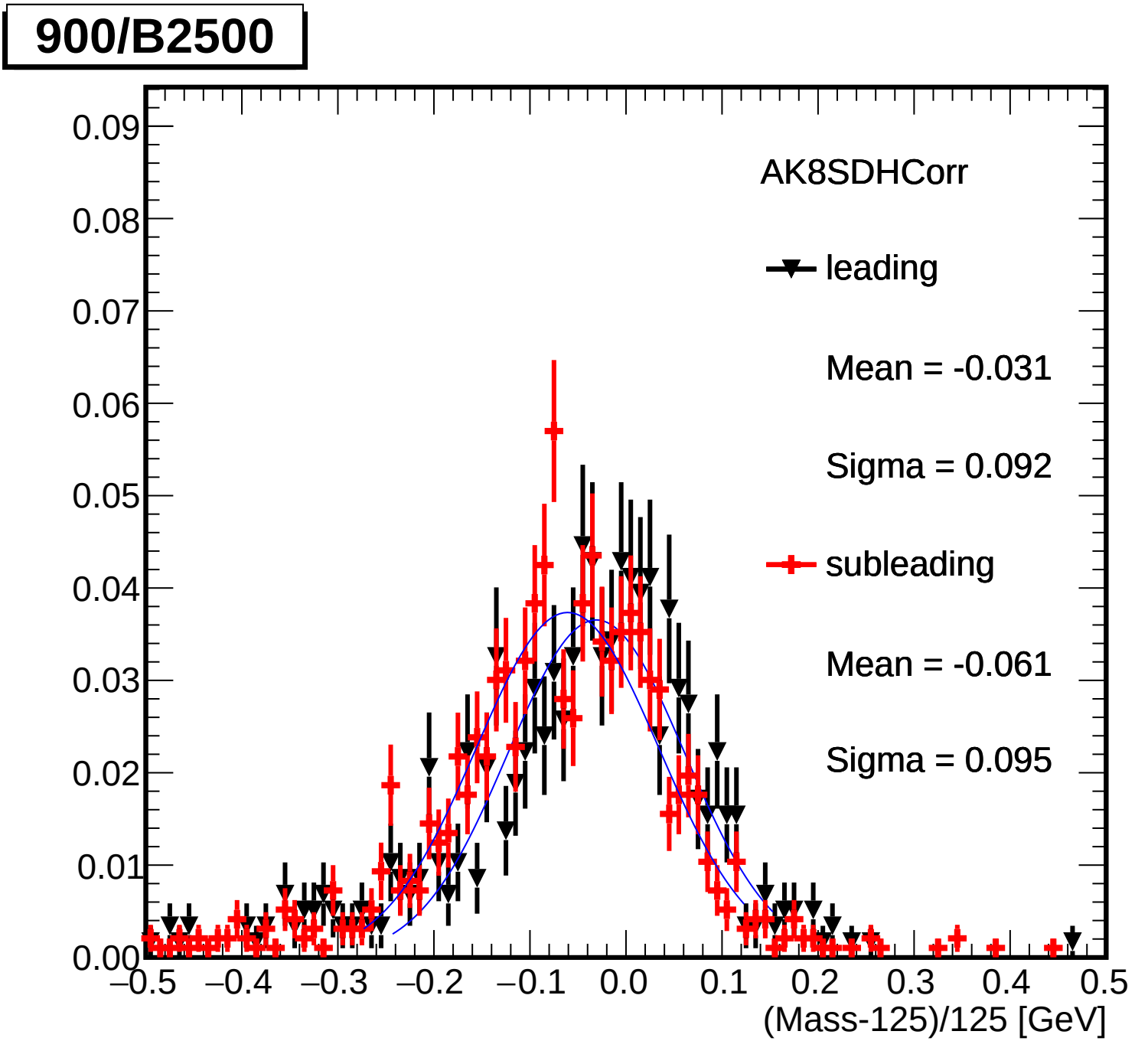

900/B2500
AK8SD
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


900/B2500
AK8SD
leading
Mean = -0.136
Sigma = 0.085
subleading
Mean = -0.161
Sigma = 0.083
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
AK8SDCorrThea
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


900/B2500
AK8SDCorrThea
leading
Mean = -0.046
Sigma = 0.086
subleading
Mean = -0.086
Sigma = 0.090
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
AK8SDHCorr
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


900/B2500
AK8SDHCorr
leading
Mean = -0.031
Sigma = 0.092
subleading
Mean = -0.061
Sigma = 0.095
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]