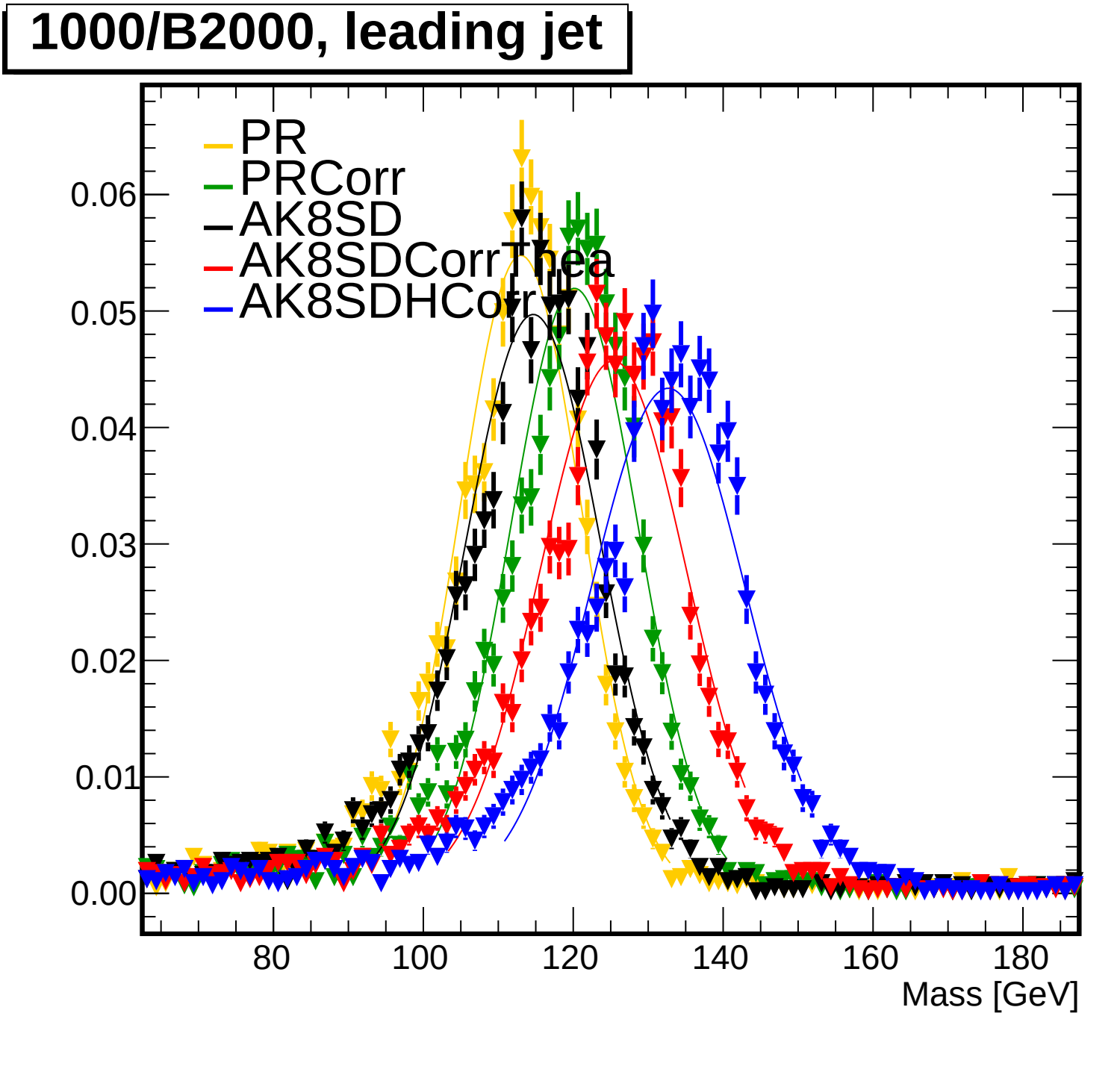
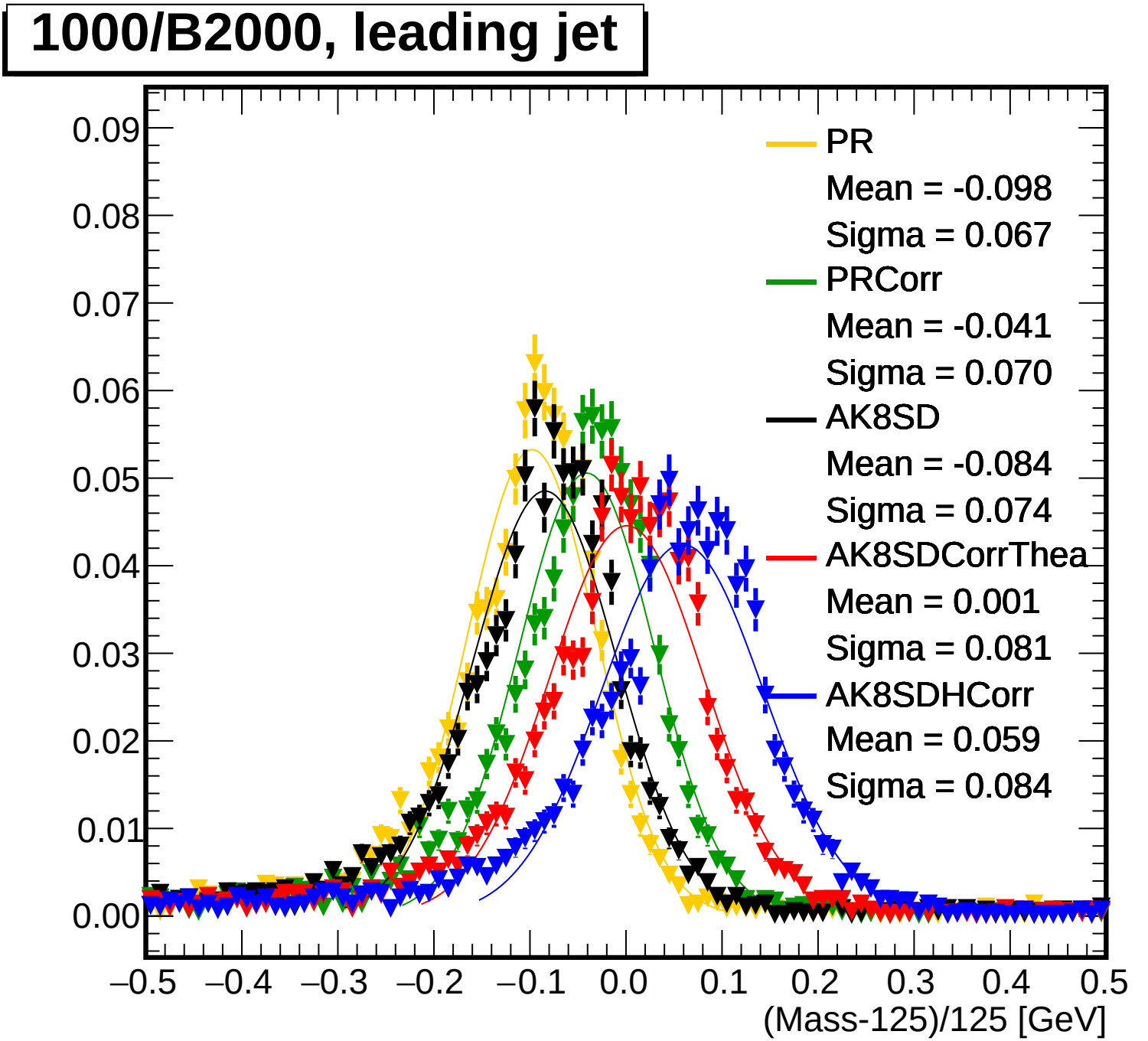
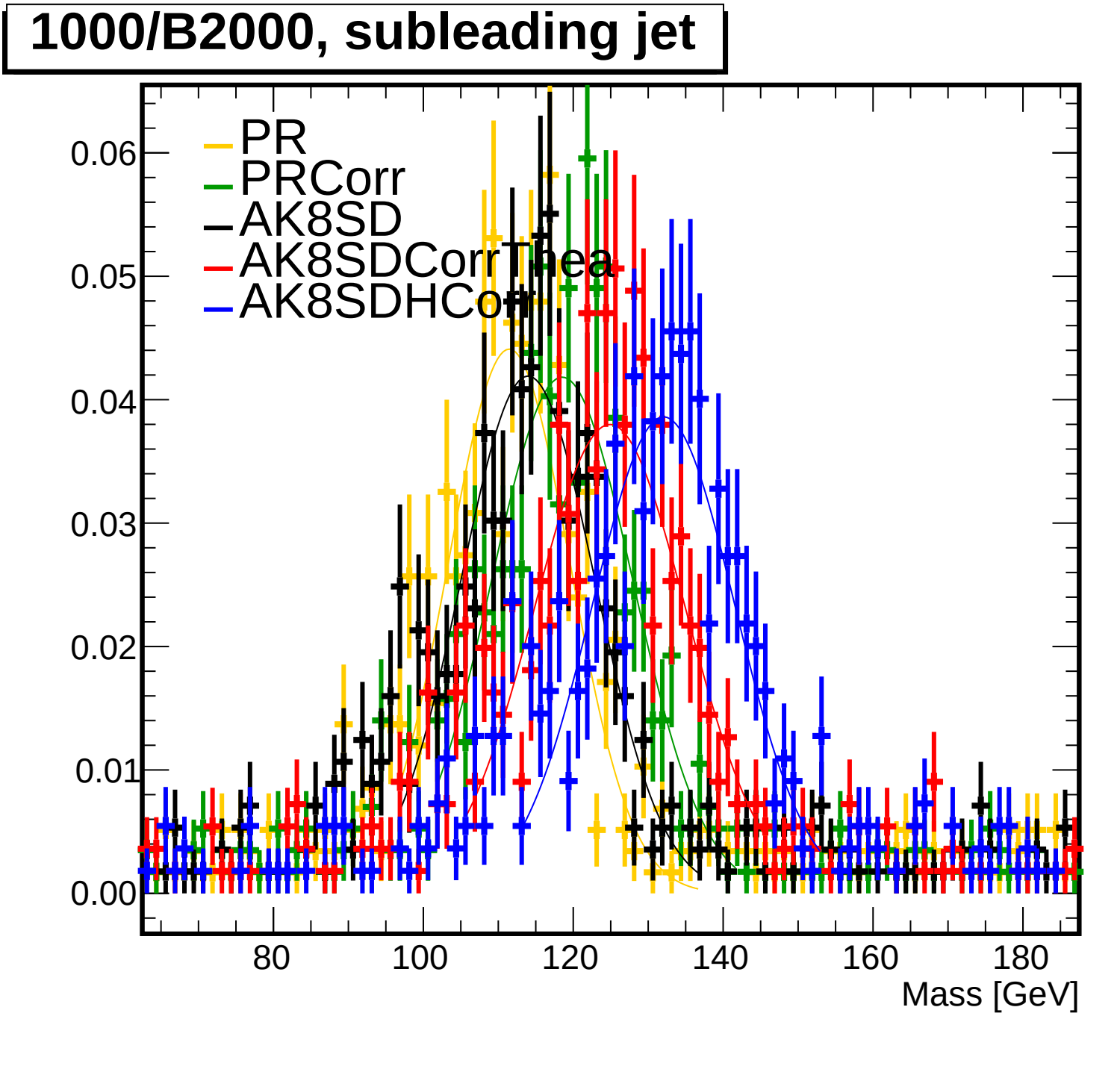
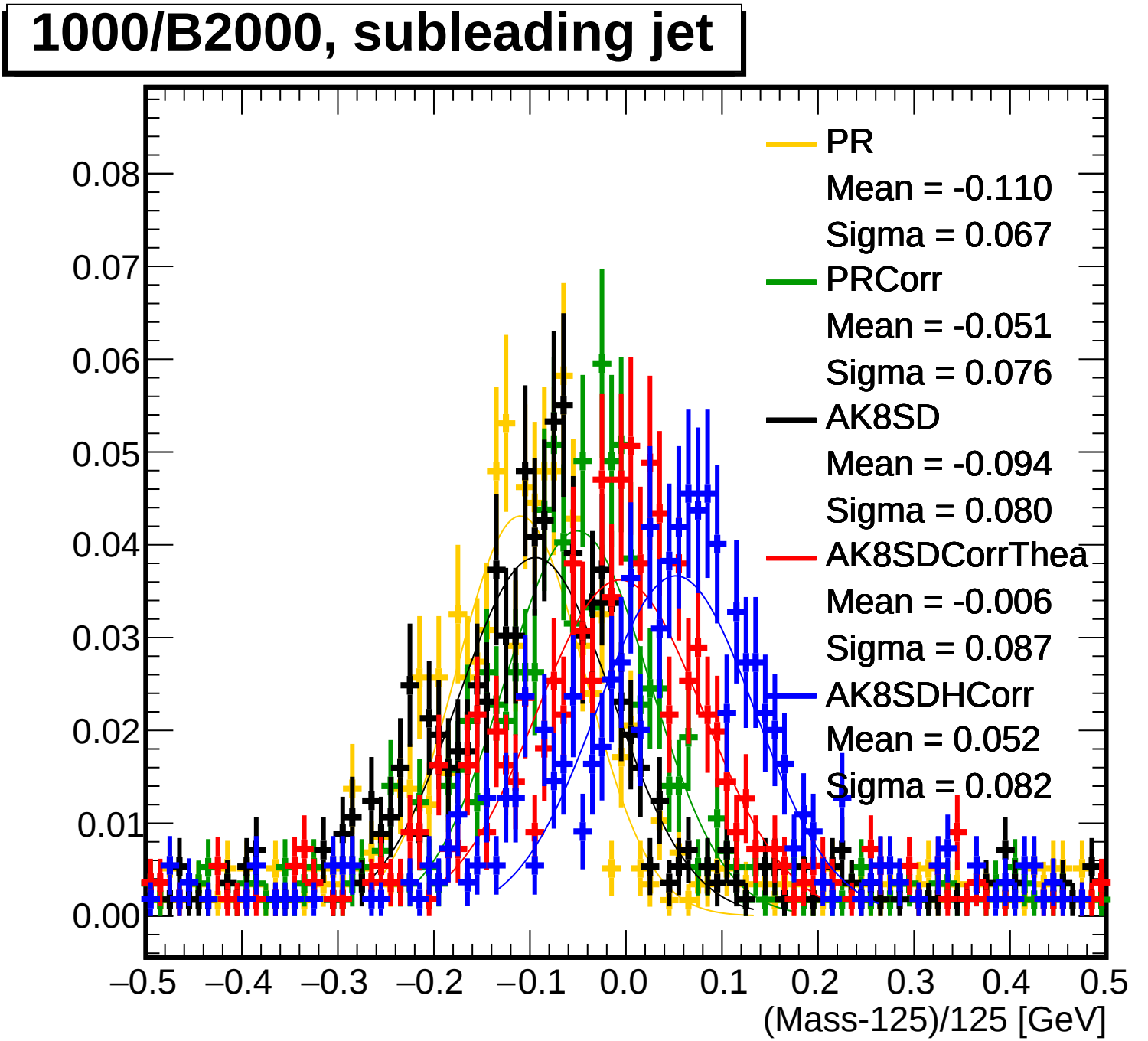
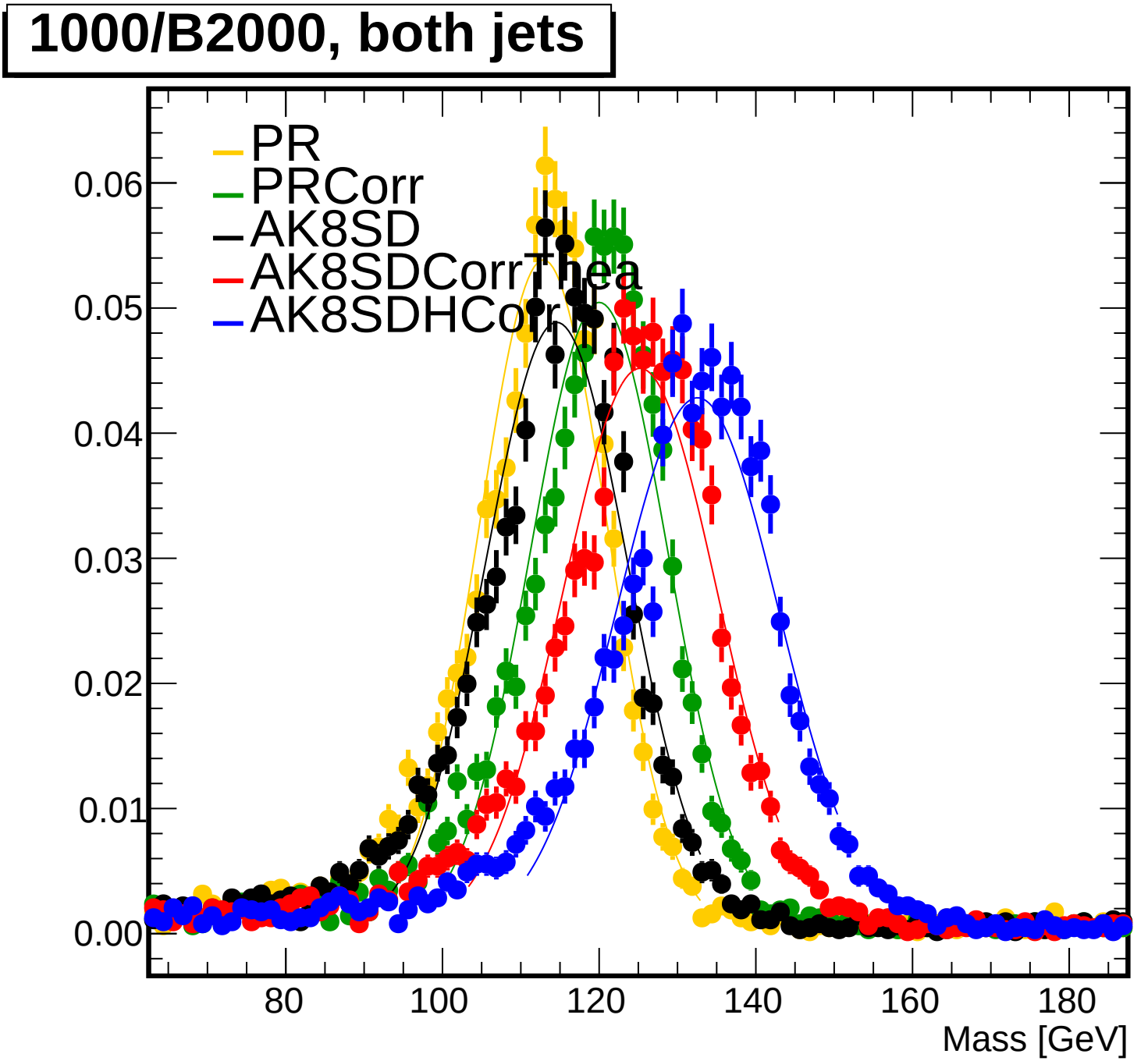
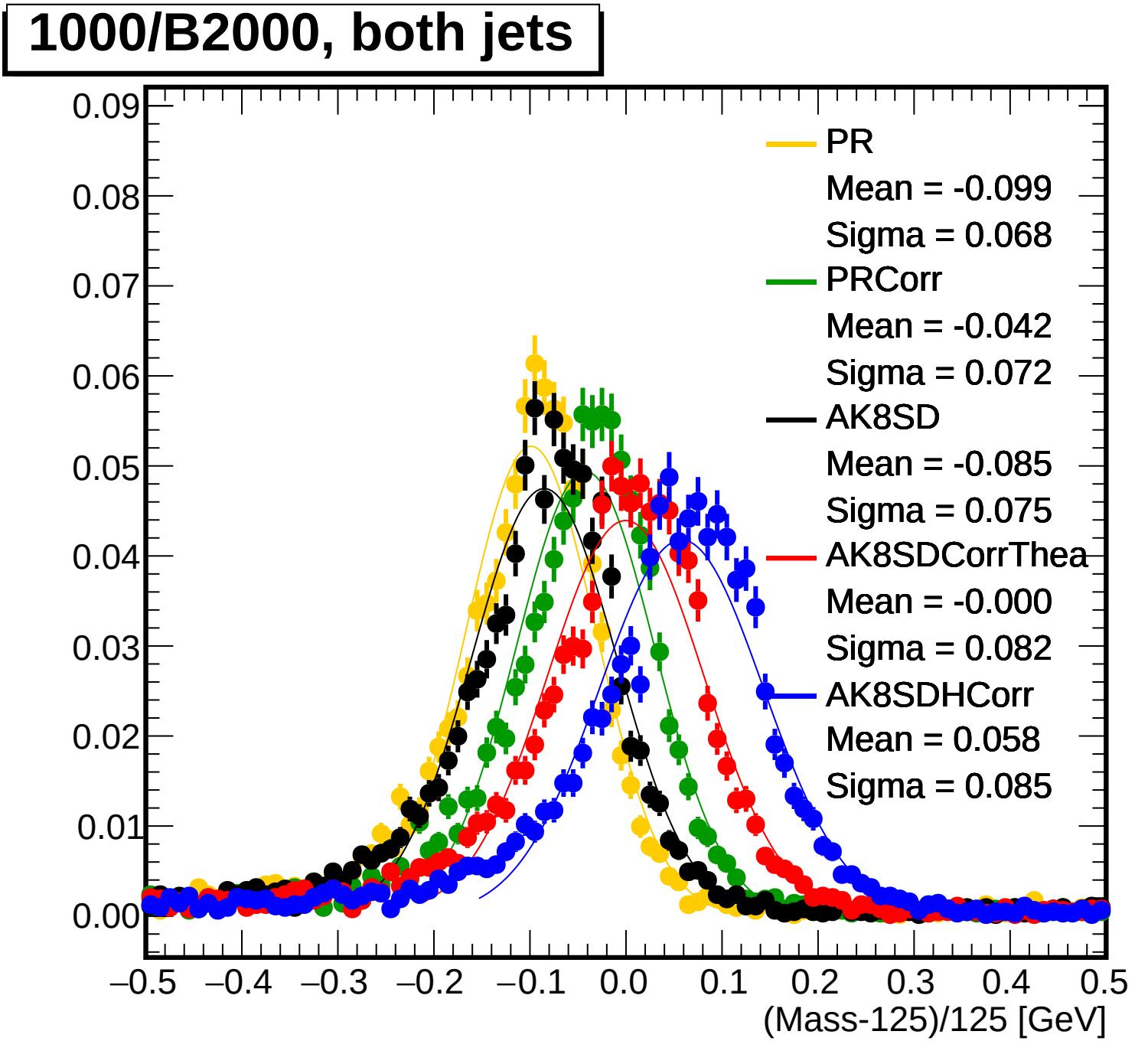

1000/B2000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

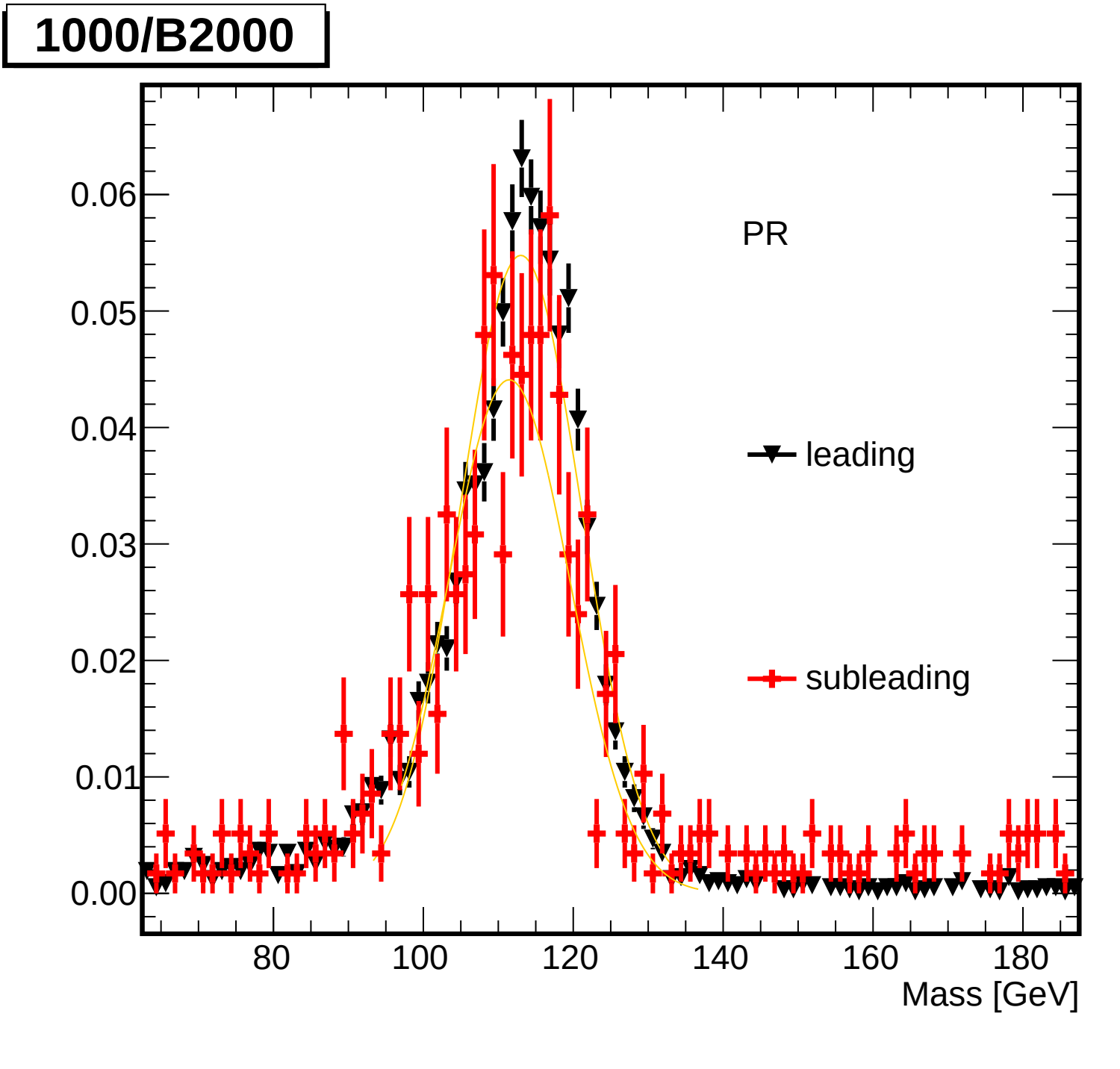

1000/B2000, leading jet
PR
Mean = -0.098
Sigma = 0.067
PRCorr
Mean = -0.041
Sigma = 0.070
AK8SD
Mean = -0.084
Sigma = 0.074
AK8SDCorrThea
Mean = 0.001
Sigma = 0.081
AK8SDHCorr
Mean = 0.059
Sigma = 0.084
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

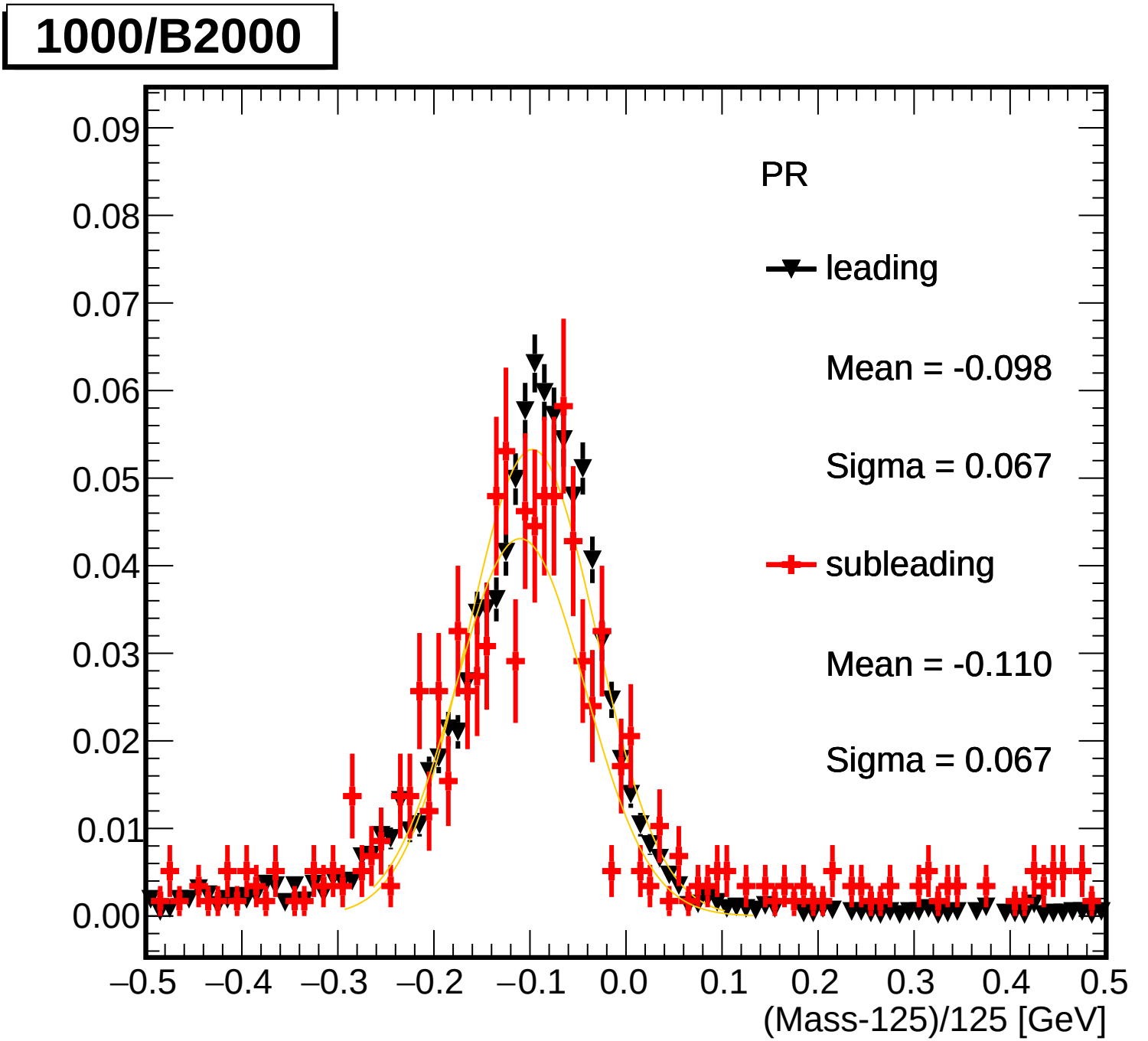

1000/B2000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCor
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

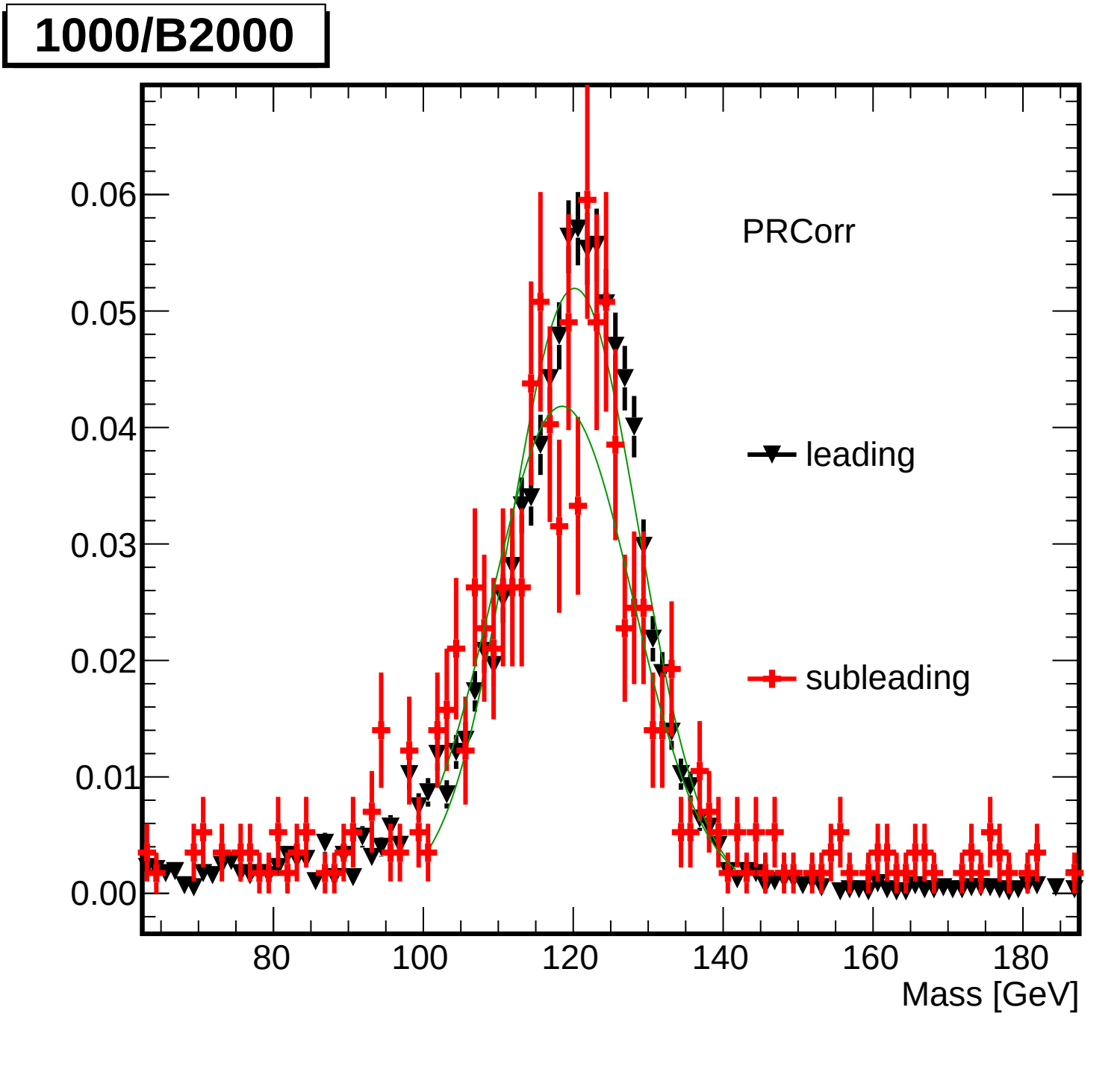

1000/B2000, subleading jet
PR
Mean = -0.110
Sigma = 0.067
PRCorr
Mean = -0.051
Sigma = 0.076
AK8SD
Mean = -0.094
Sigma = 0.080
AK8SDCorrThea
Mean = -0.006
Sigma = 0.087
AK8SDHCorr
Mean = 0.052
Sigma = 0.082
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

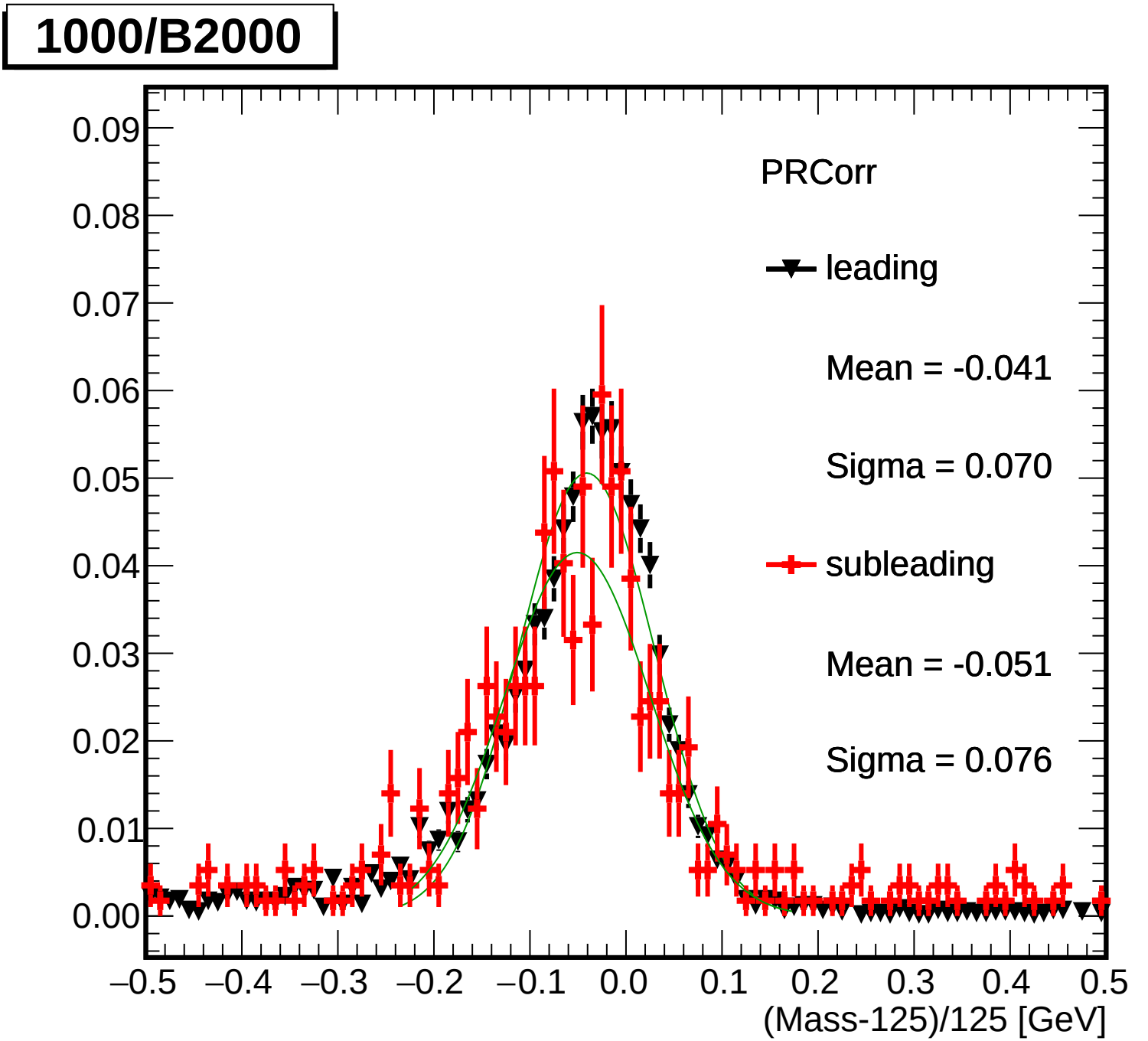

1000/B2000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B2000, both jets
PR
Mean = -0.099
Sigma = 0.068
PRCorr
Mean = -0.042
Sigma = 0.072
AK8SD
Mean = -0.085
Sigma = 0.075
AK8SDCorrThea
Mean = -0.000
Sigma = 0.082
AK8SDHCorr
Mean = 0.058
Sigma = 0.085
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]

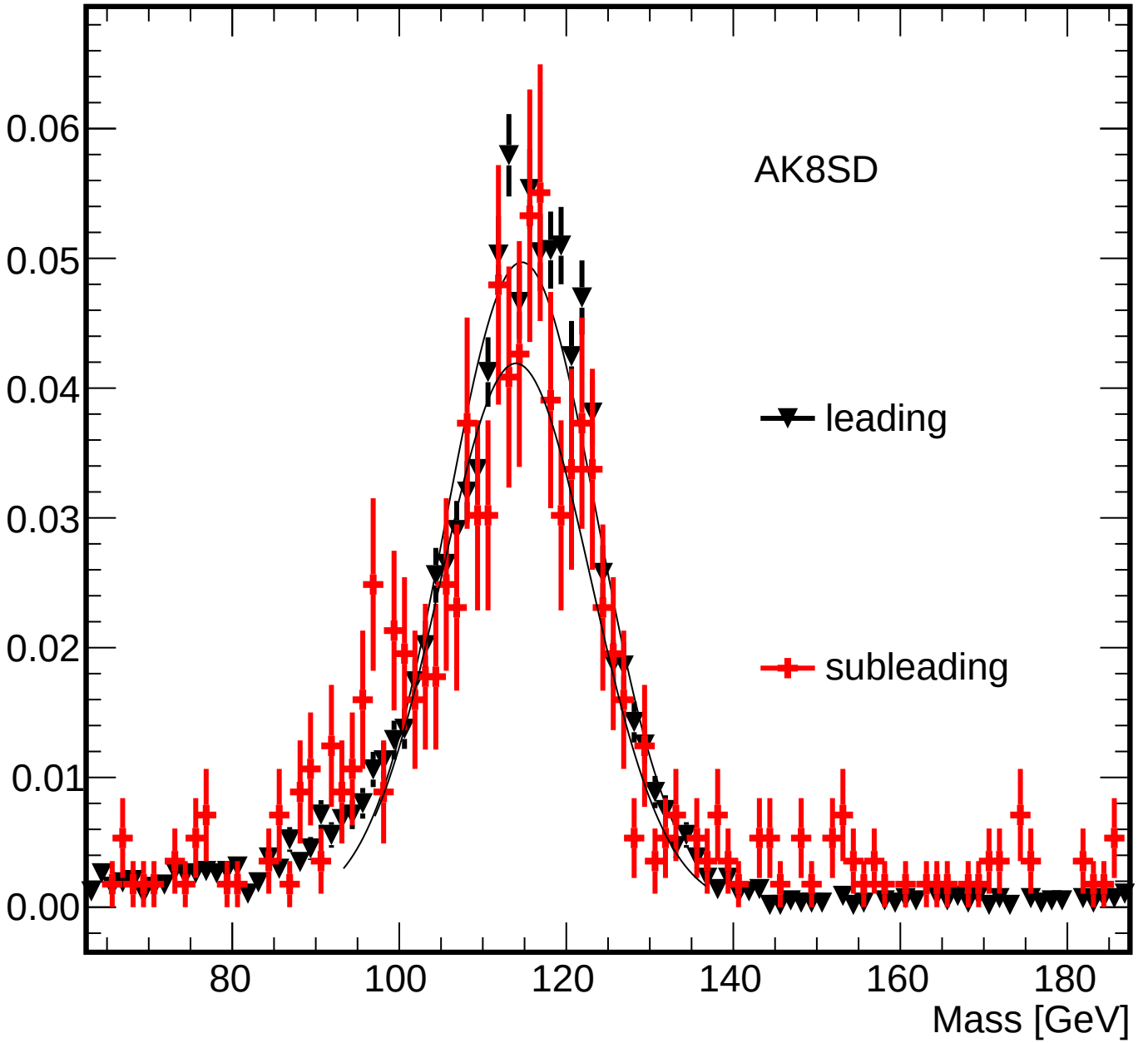

1000/B2000
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

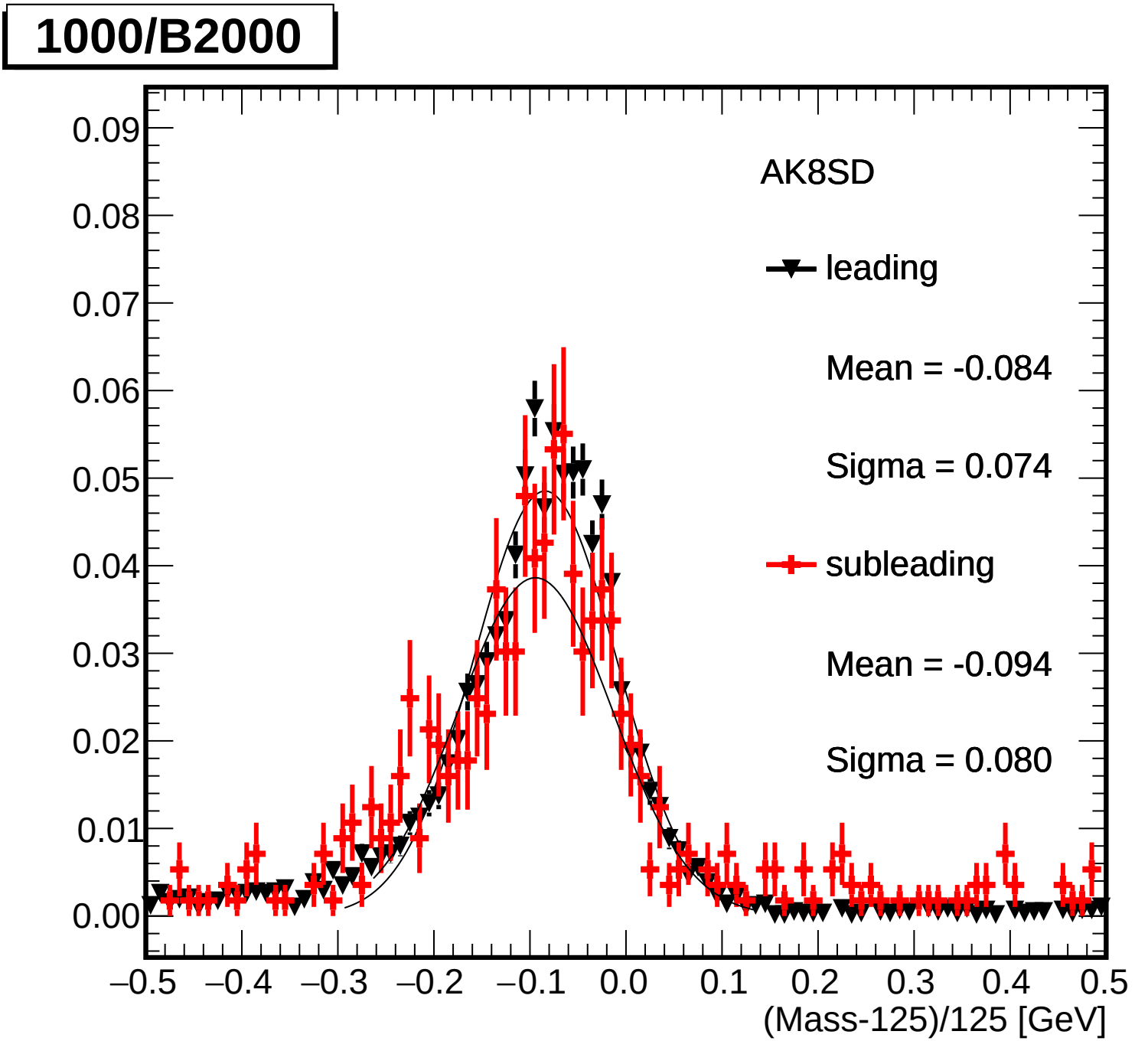

1000/B2000
PR
leading
Mean = -0.098
Sigma = 0.067
subleading
Mean = -0.110
Sigma = 0.067
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

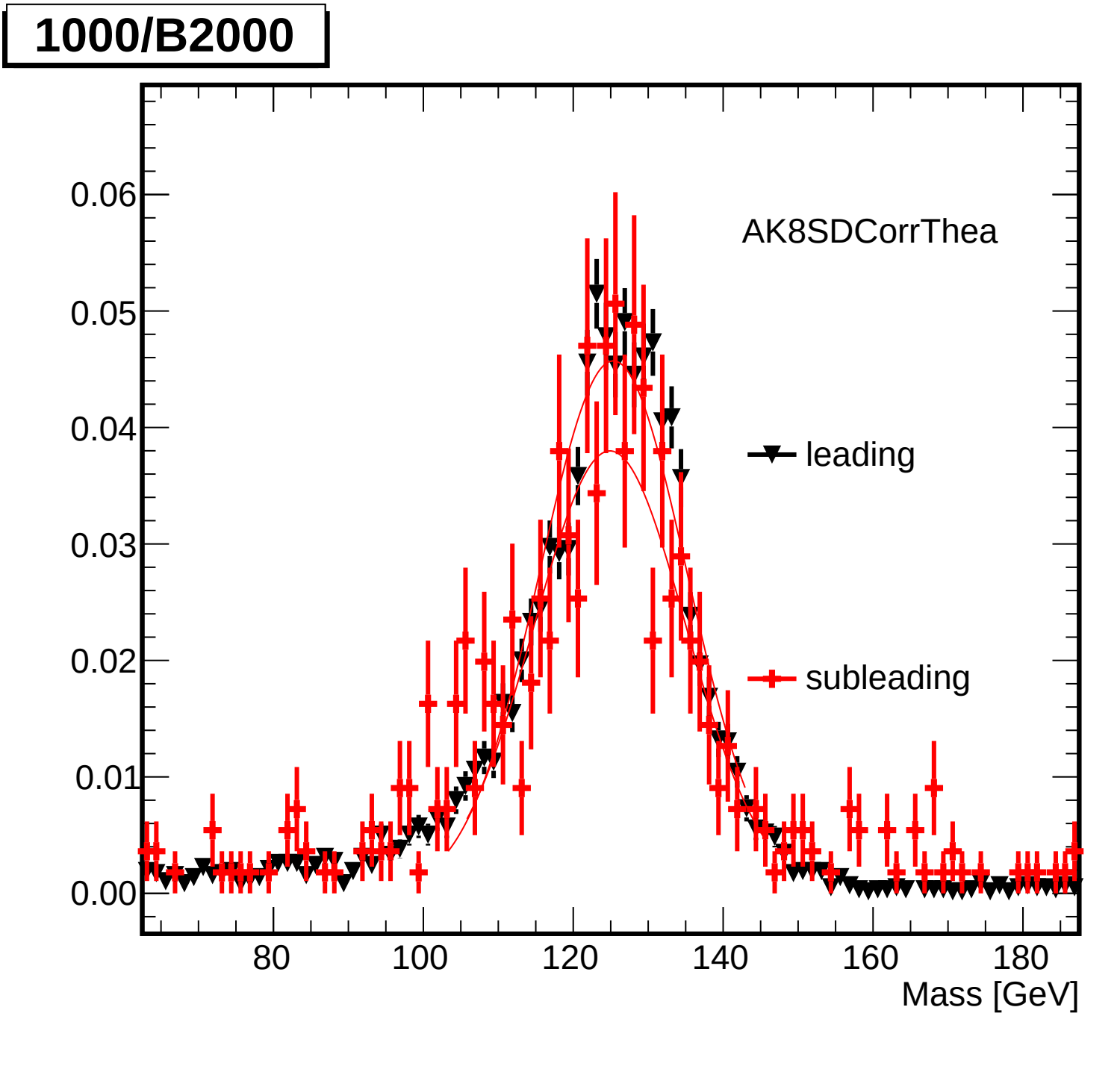

1000/B2000
PRCorr
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

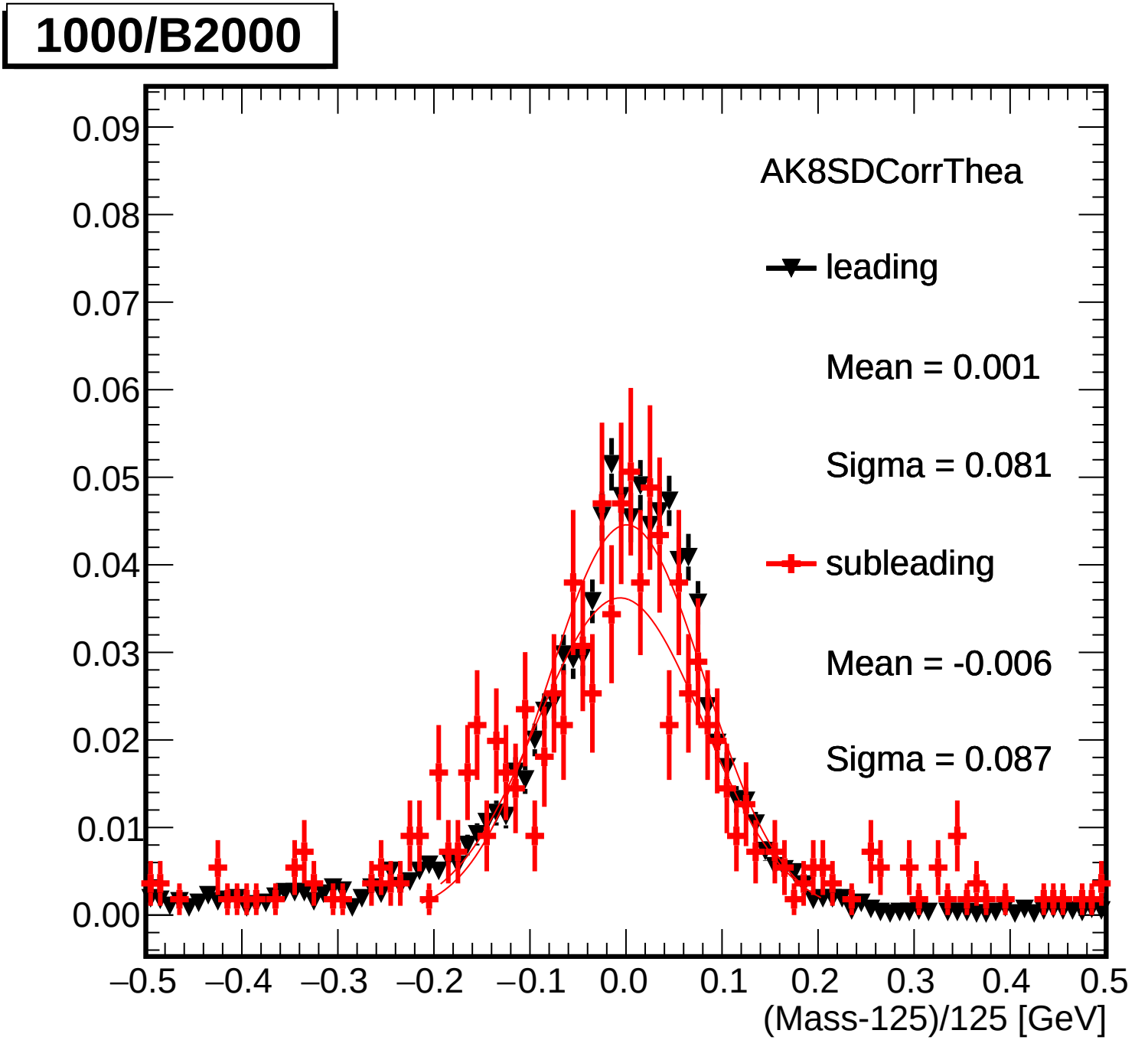

1000/B2000
PRCorr
leading
Mean = -0.041
Sigma = 0.070
subleading
Mean = -0.051
Sigma = 0.076
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

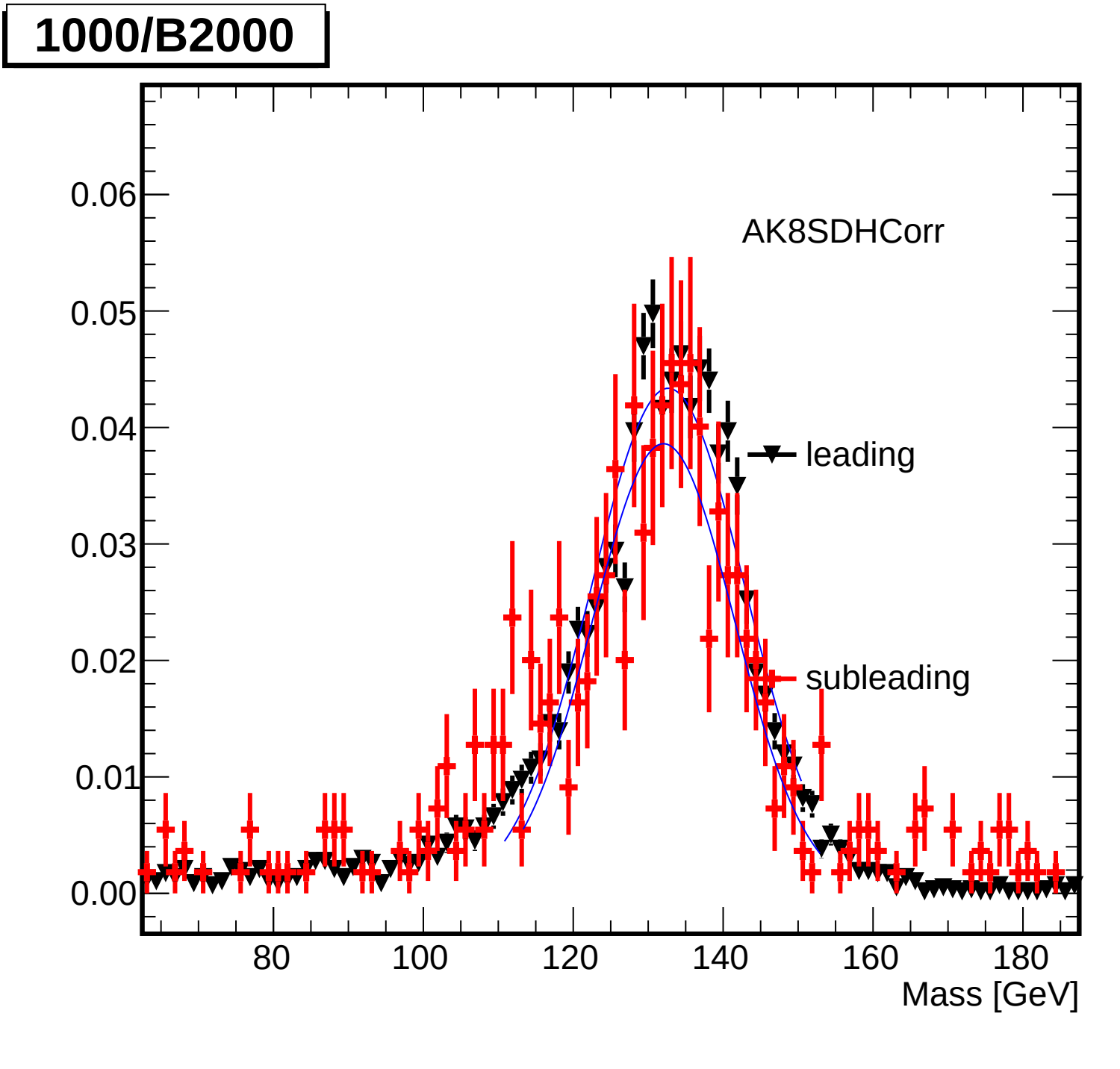
1000/B2000

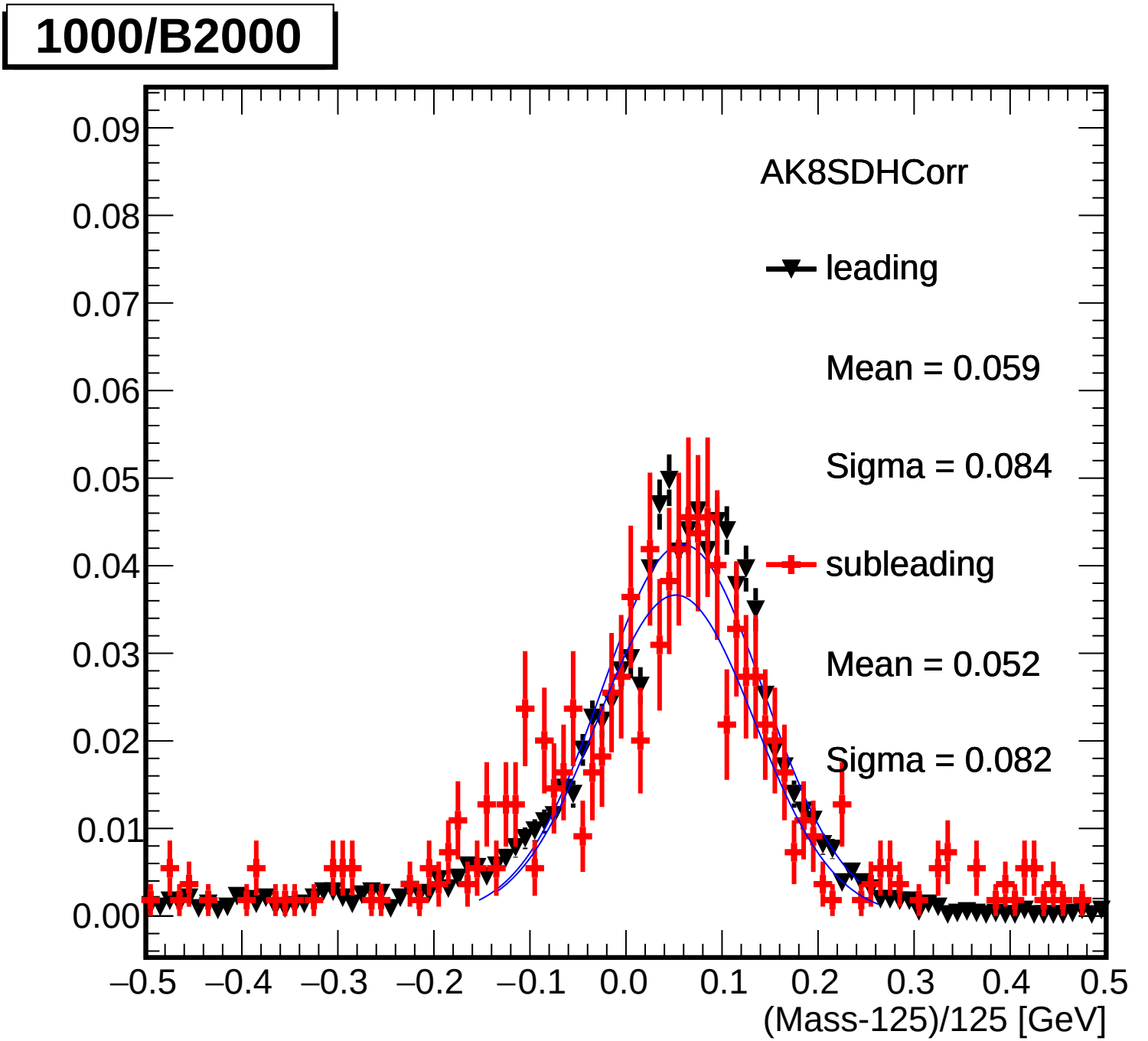

AK8SD
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B2000
AK8SD
leading
Mean = -0.084
Sigma = 0.074
subleading
Mean = -0.094
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]


1000/B2000
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]


1000/B2000
AK8SDCorrThea
leading
Mean = 0.001
Sigma = 0.081
subleading
Mean = -0.006
Sigma = 0.087
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]


1000/B2000
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]


1000/B2000
AK8SDHCorr
leading
Mean = 0.059
Sigma = 0.084
subleading
Mean = 0.052
Sigma = 0.082
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]