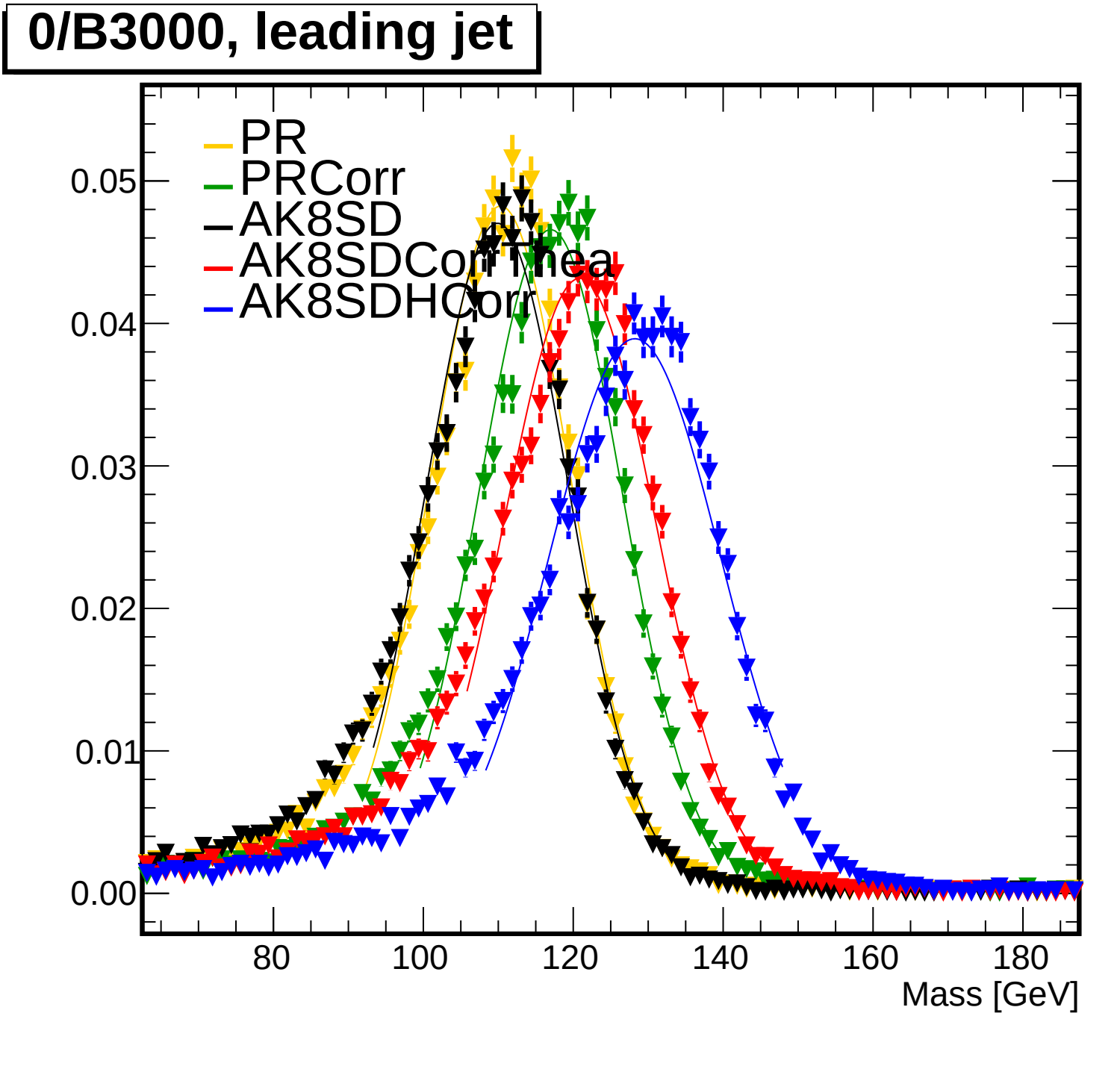
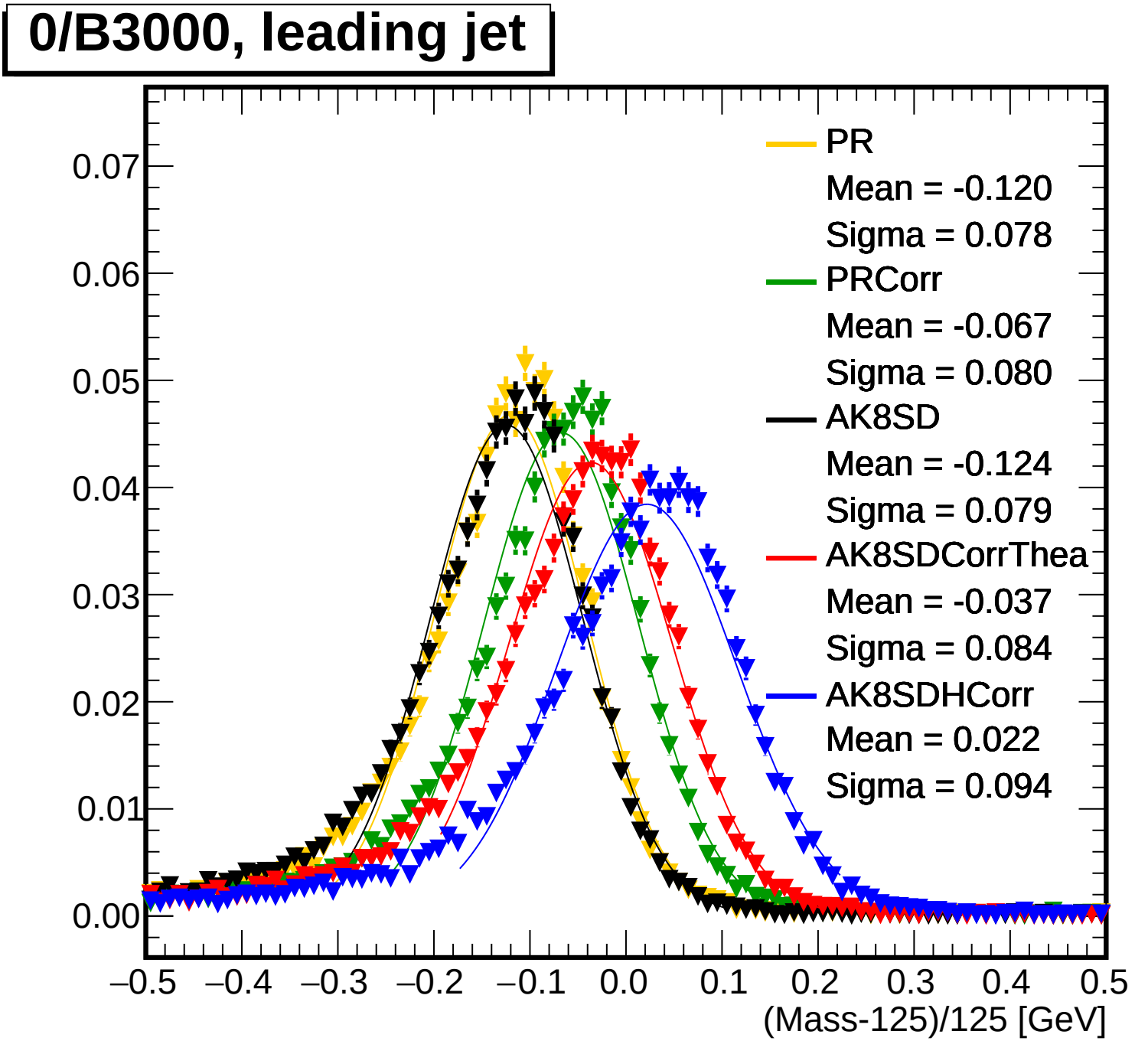
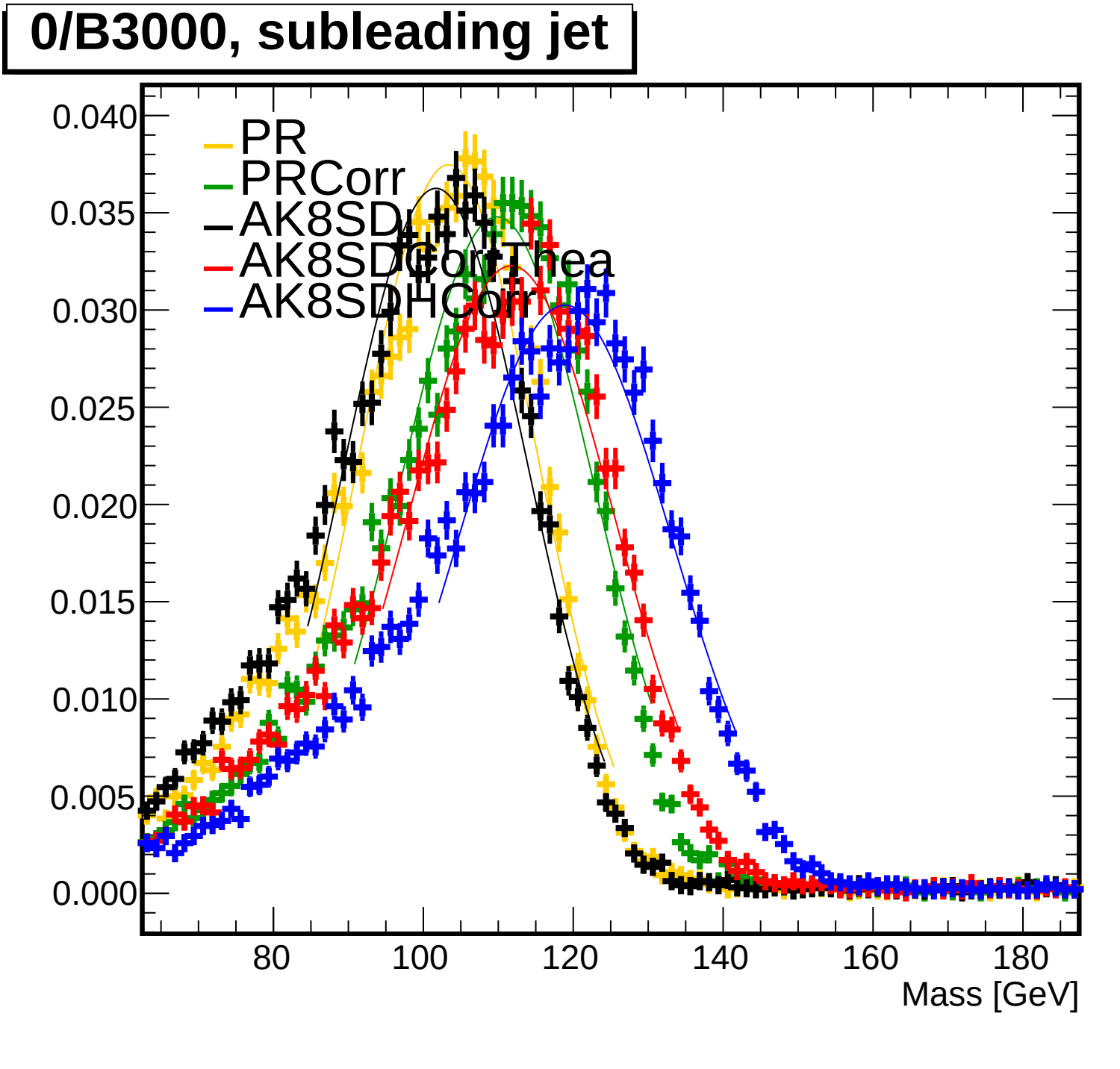
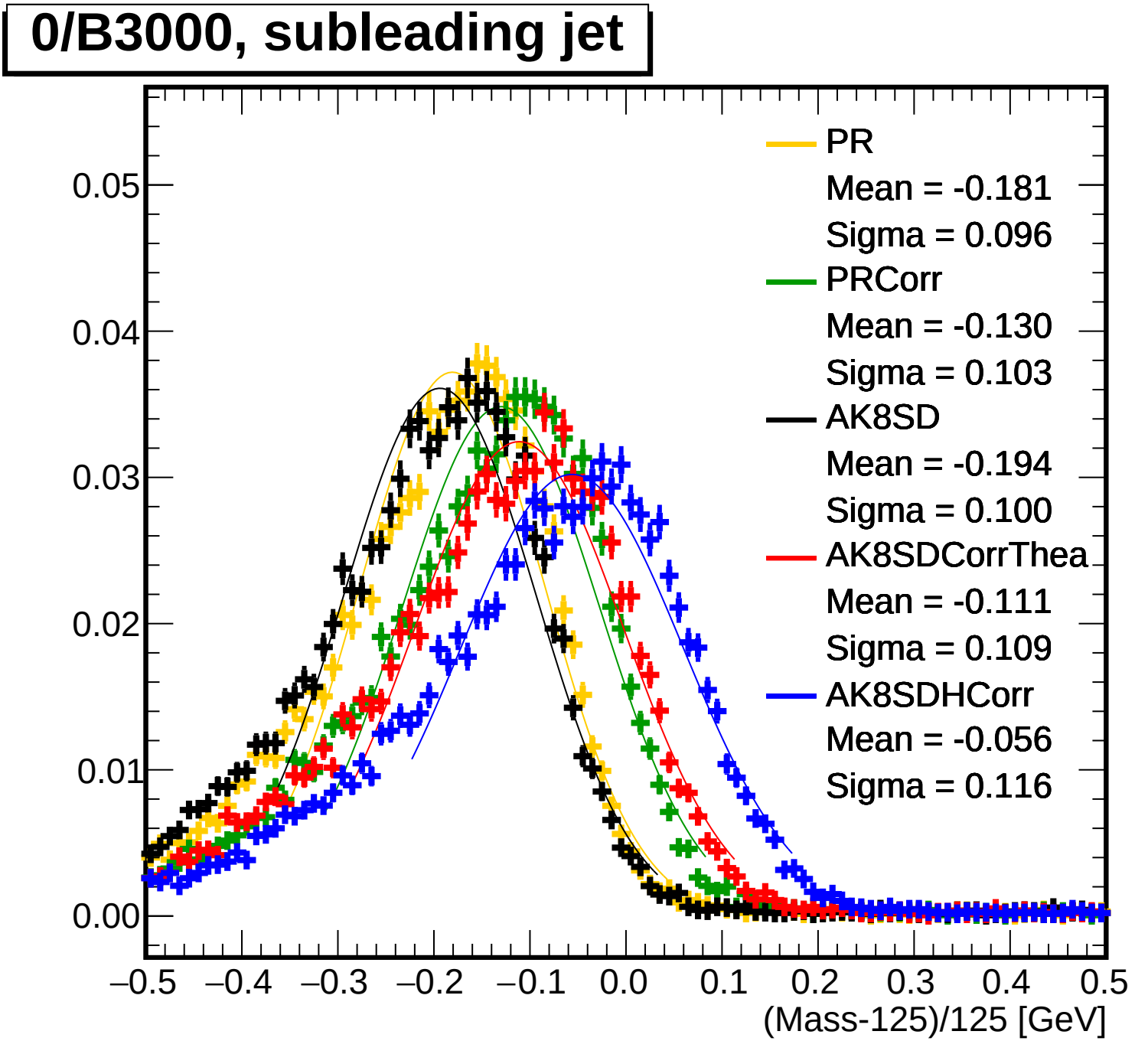
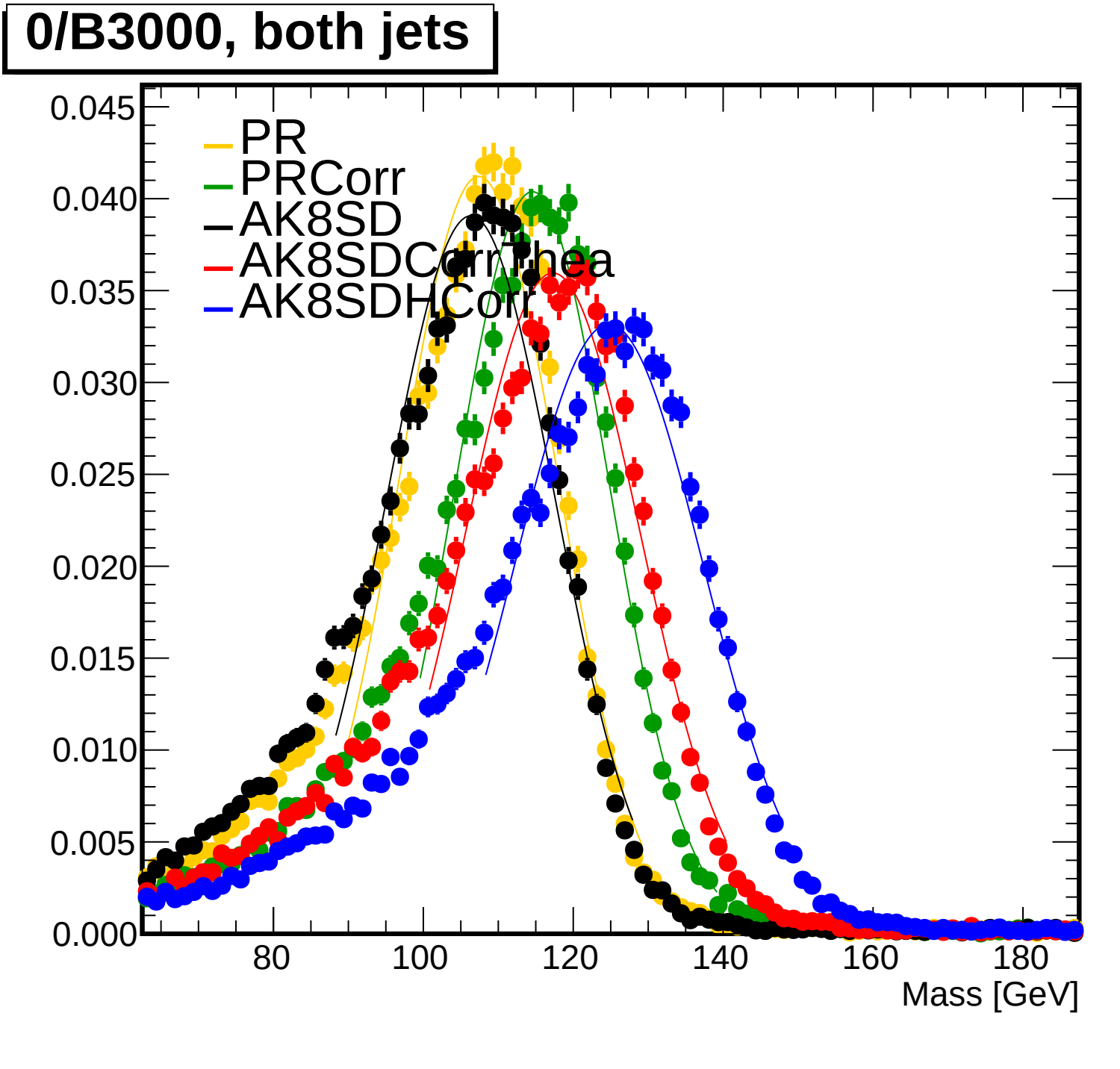
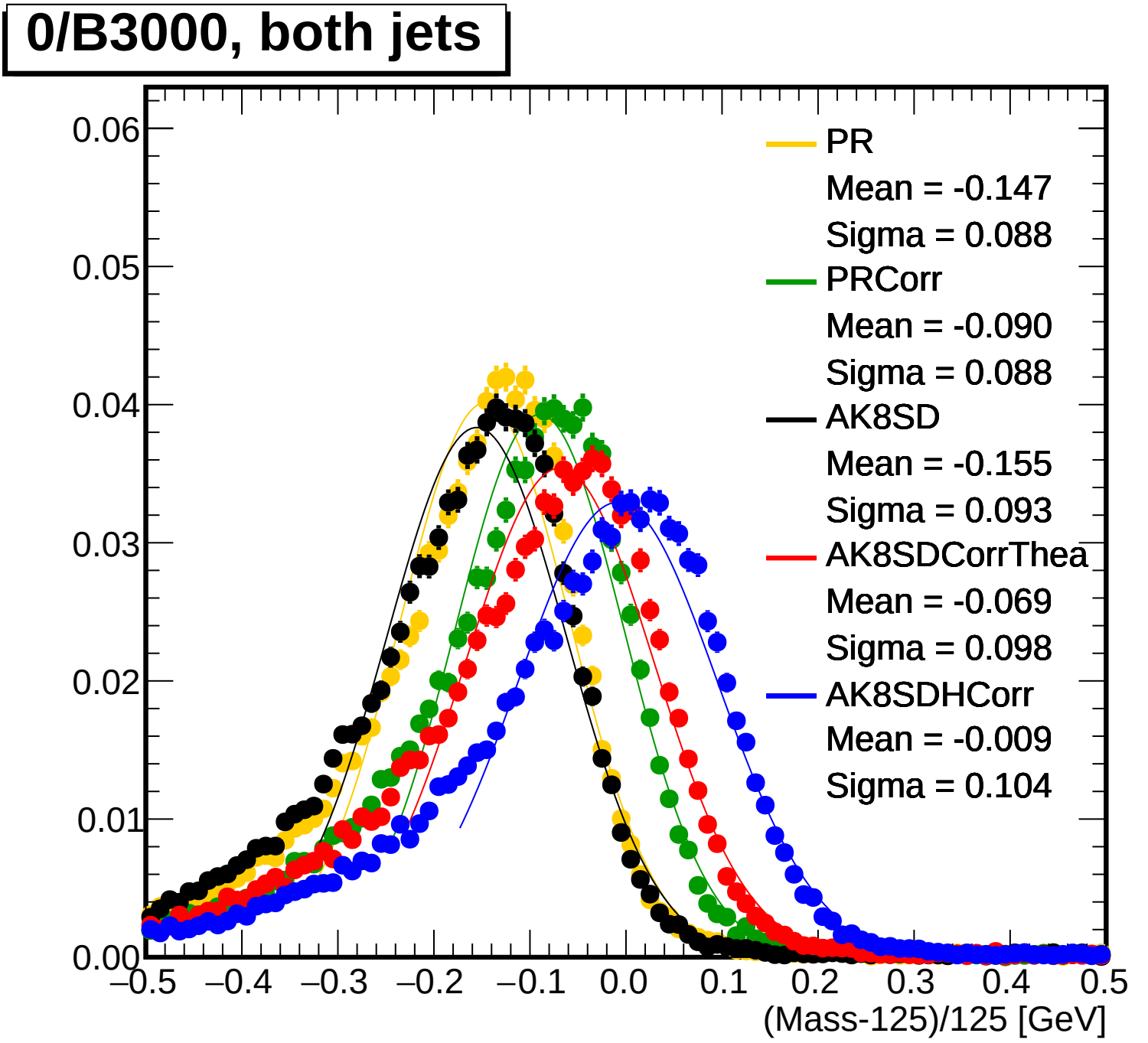

0/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrPuppi
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

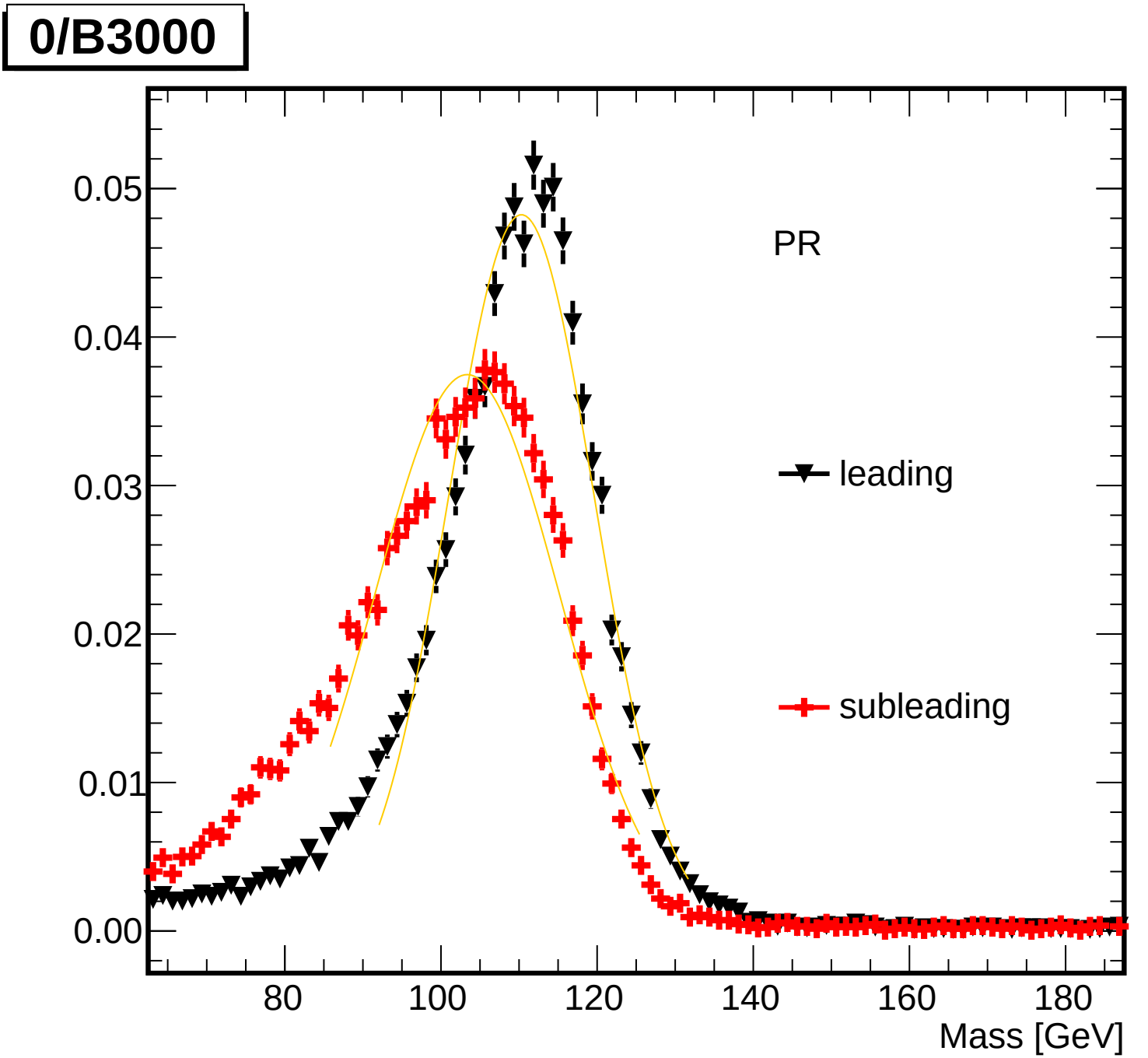

0/B3000, leading jet
PR
Mean = -0.120
Sigma = 0.078
PRCorr
Mean = -0.067
Sigma = 0.080
AK8SD
Mean = -0.124
Sigma = 0.079
AK8SDCorrThea
Mean = -0.037
Sigma = 0.084
AK8SDHCorr
Mean = 0.022
Sigma = 0.094
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

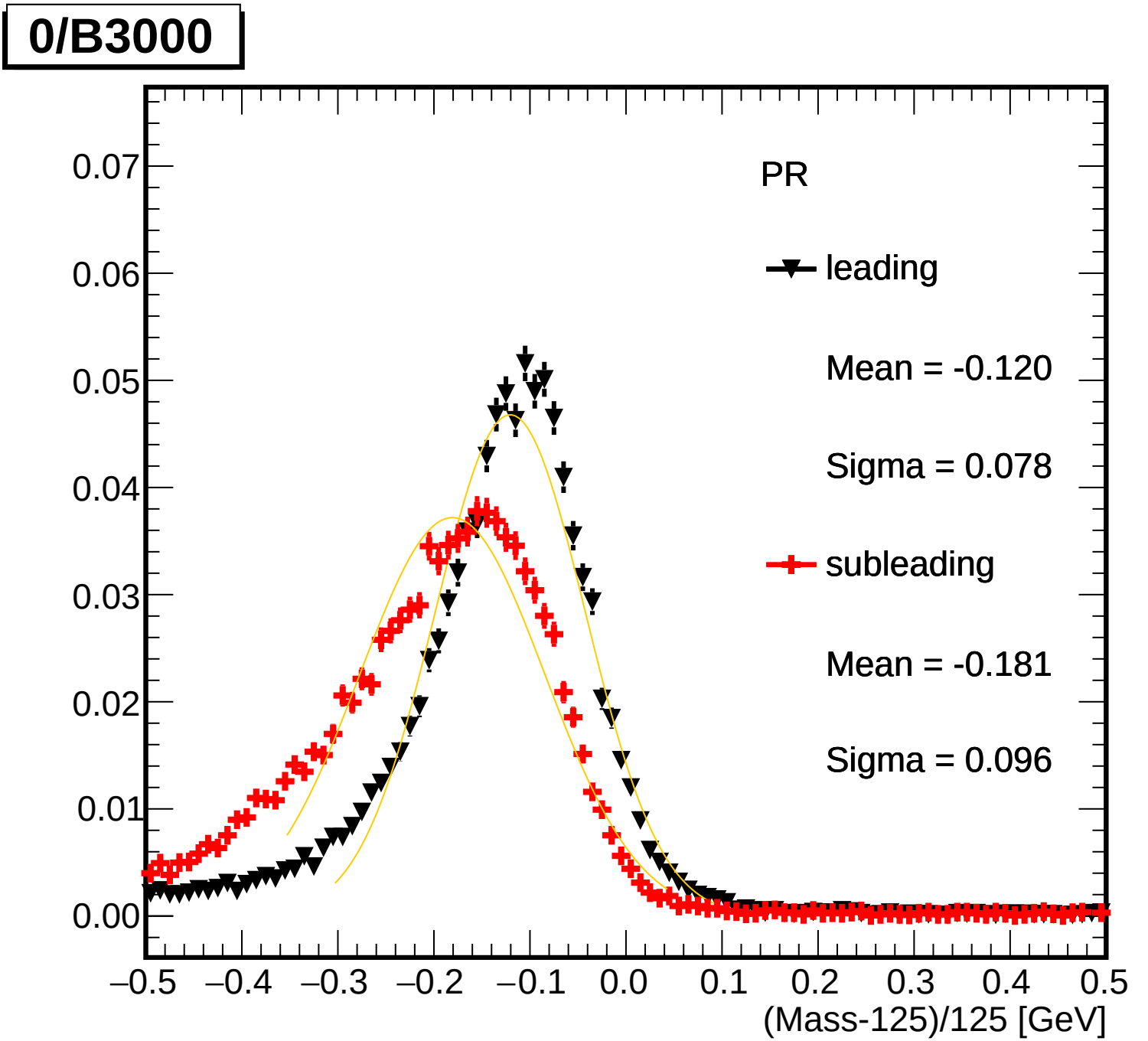

0/B3000, subleading jet
PR
PRCorr
AK8SDPUPPI
AK8SDPUCorrThea
AK8SDPUCorr
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

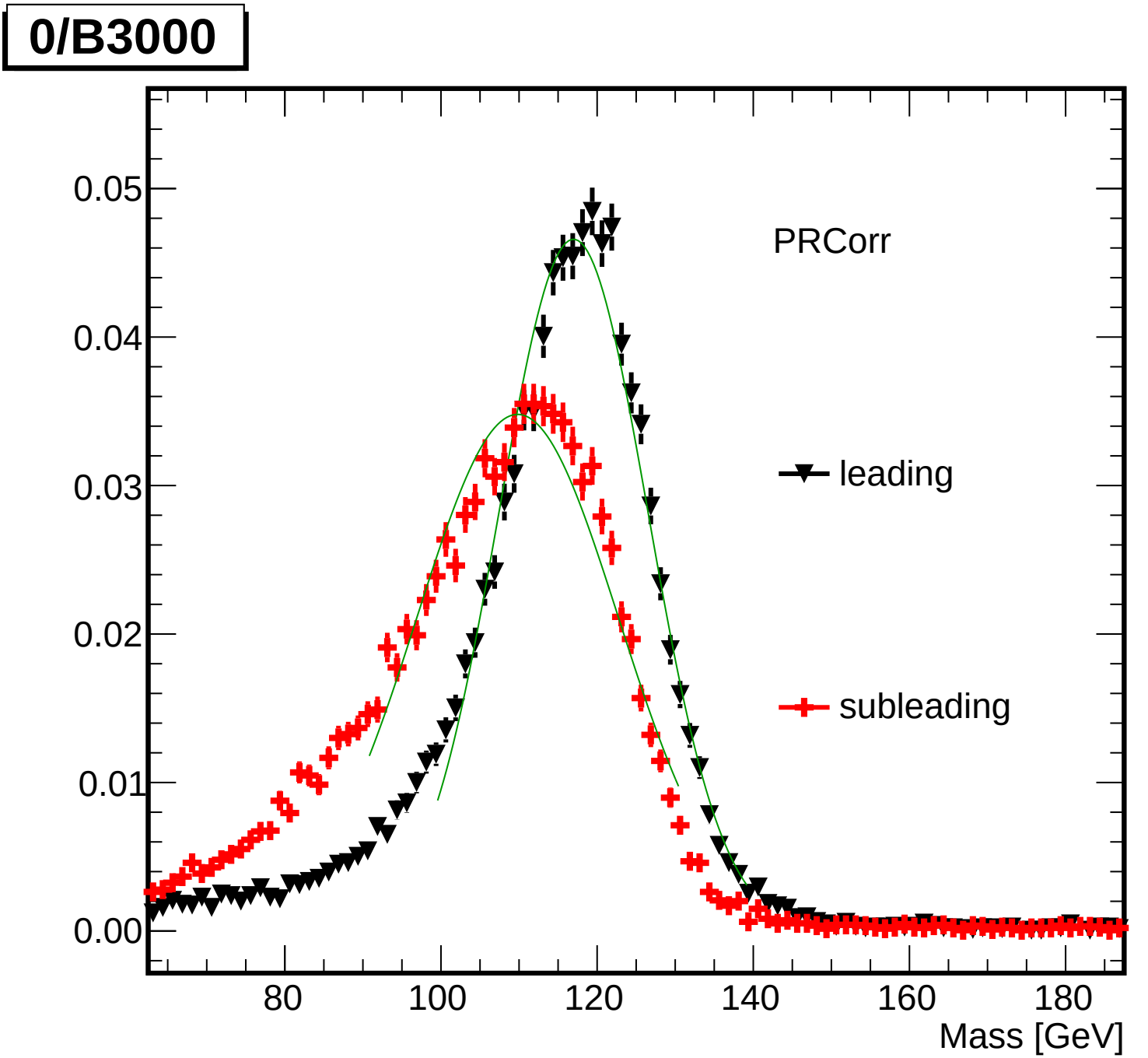

0/B3000, subleading jet
PR
Mean = -0.181
Sigma = 0.096
PRCorr
Mean = -0.130
Sigma = 0.103
AK8SD
Mean = -0.194
Sigma = 0.100
AK8SDCorrThea
Mean = -0.111
Sigma = 0.109
AK8SDHCorr
Mean = -0.056
Sigma = 0.116
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

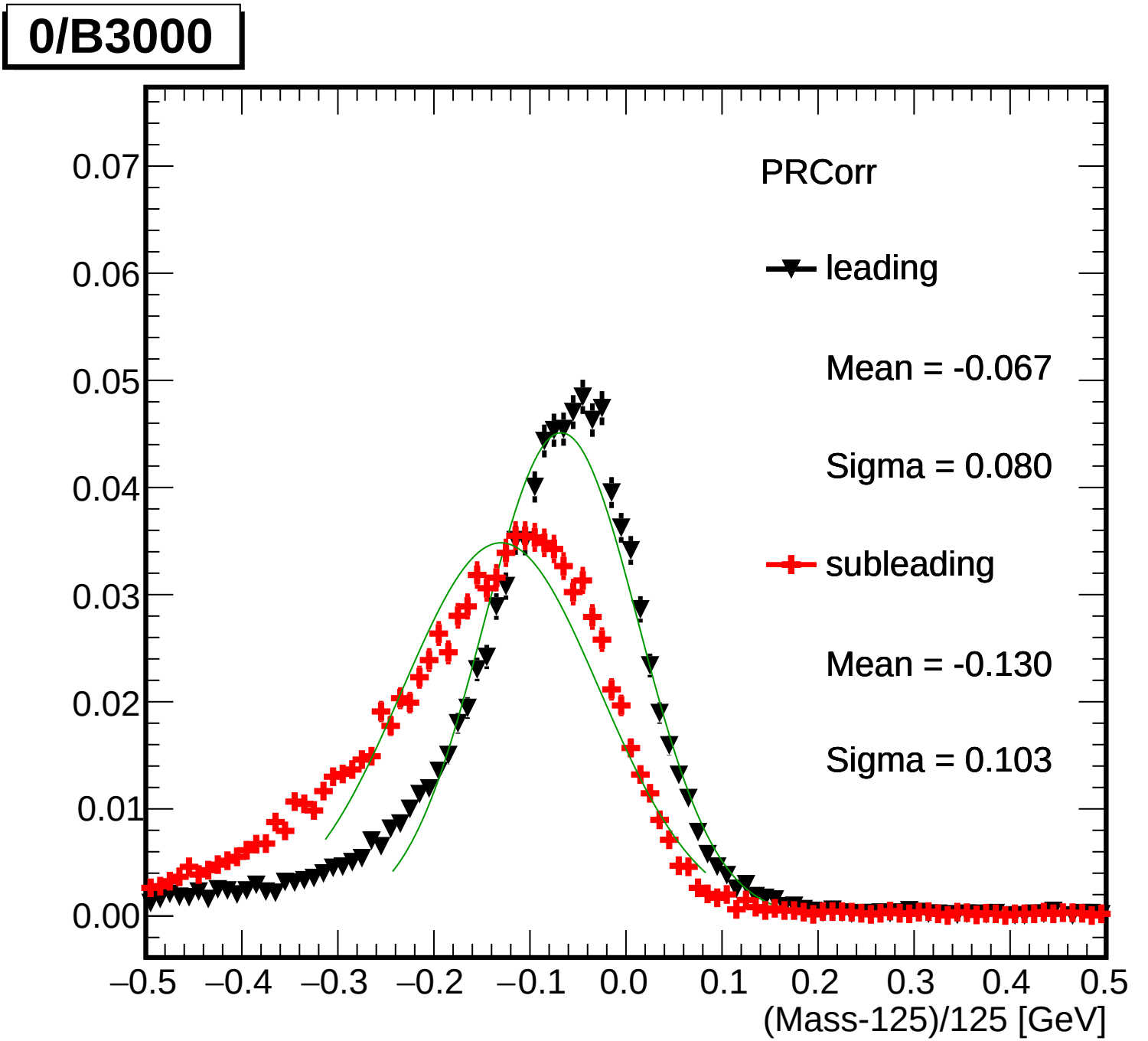

0/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

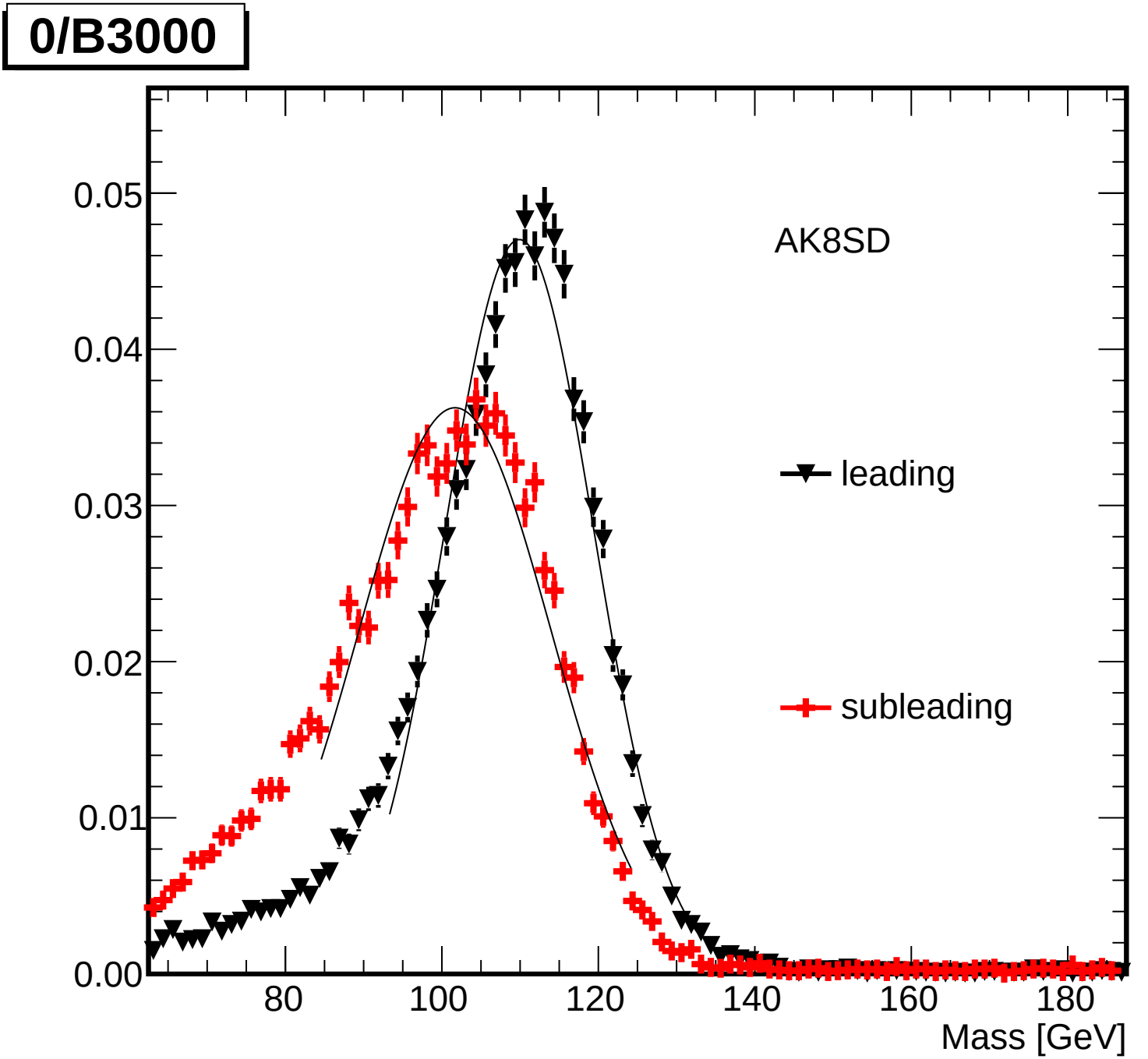

0/B3000, both jets
PR
Mean = -0.147
Sigma = 0.088
PRCorr
Mean = -0.090
Sigma = 0.088
AK8SD
Mean = -0.155
Sigma = 0.093
AK8SDCorrThea
Mean = -0.069
Sigma = 0.098
AK8SDHCorr
Mean = -0.009
Sigma = 0.104
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

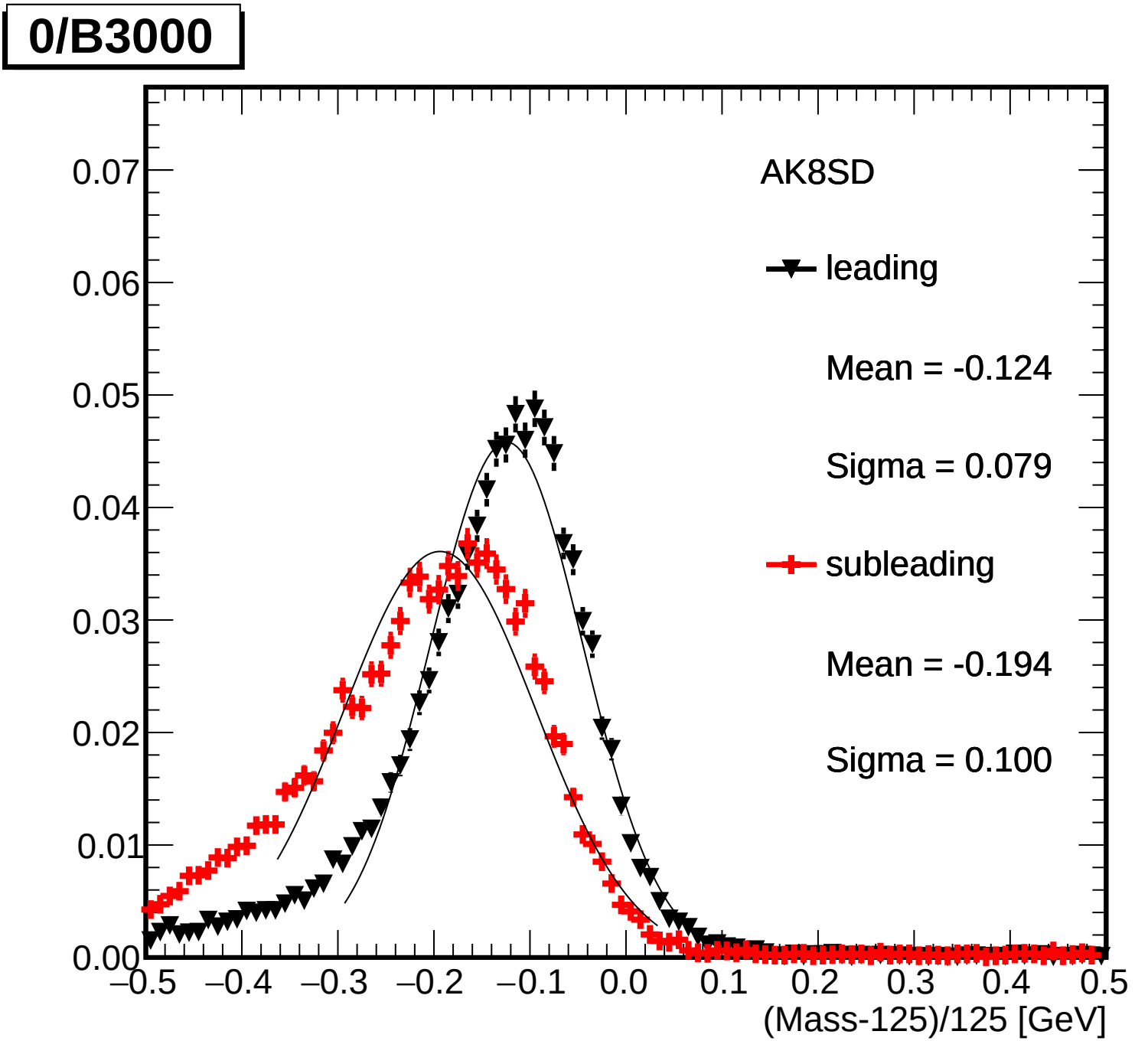

0/B3000
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

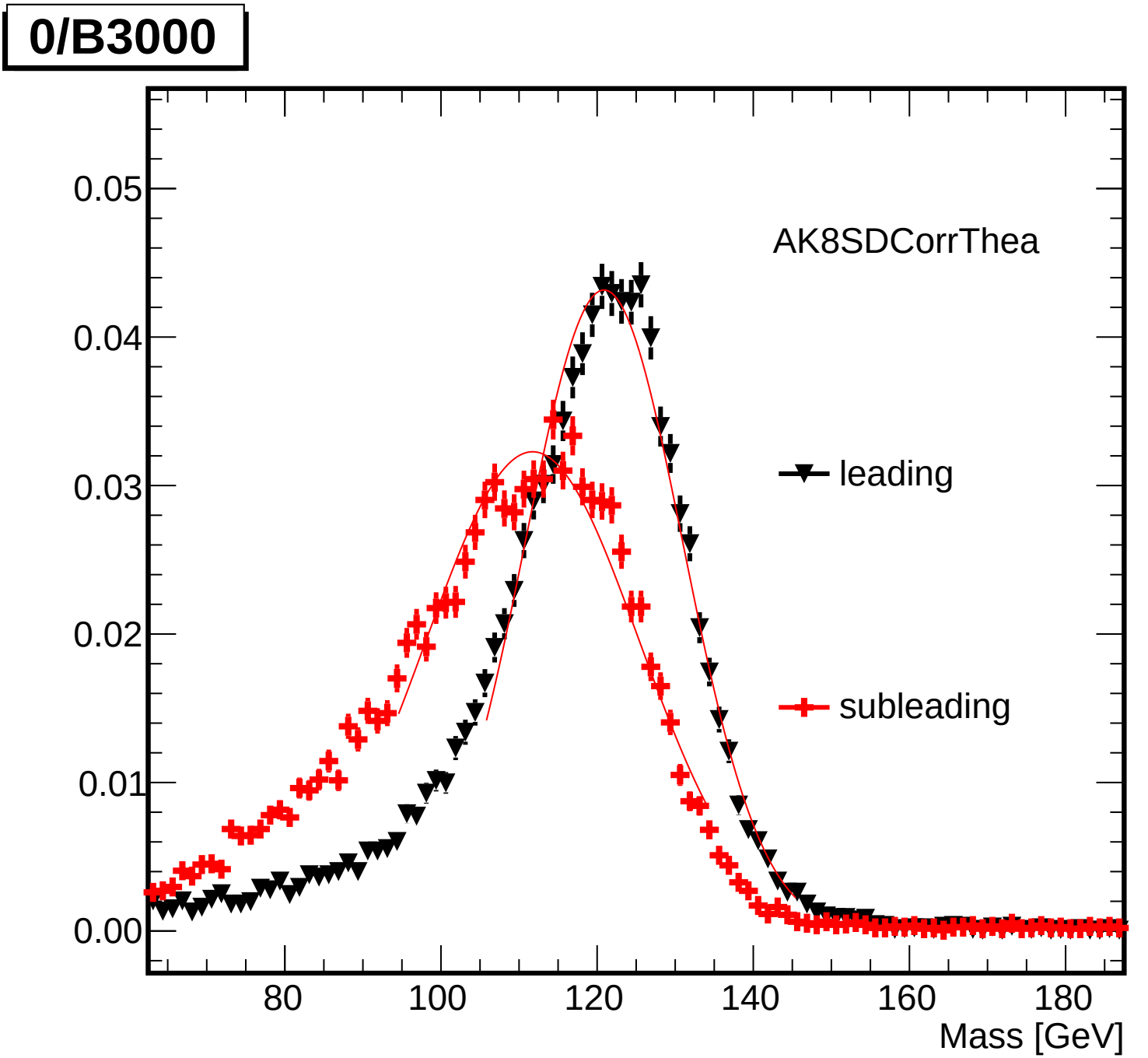

0/B3000
PR
leading
Mean = -0.120
Sigma = 0.078
subleading
Mean = -0.181
Sigma = 0.096
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

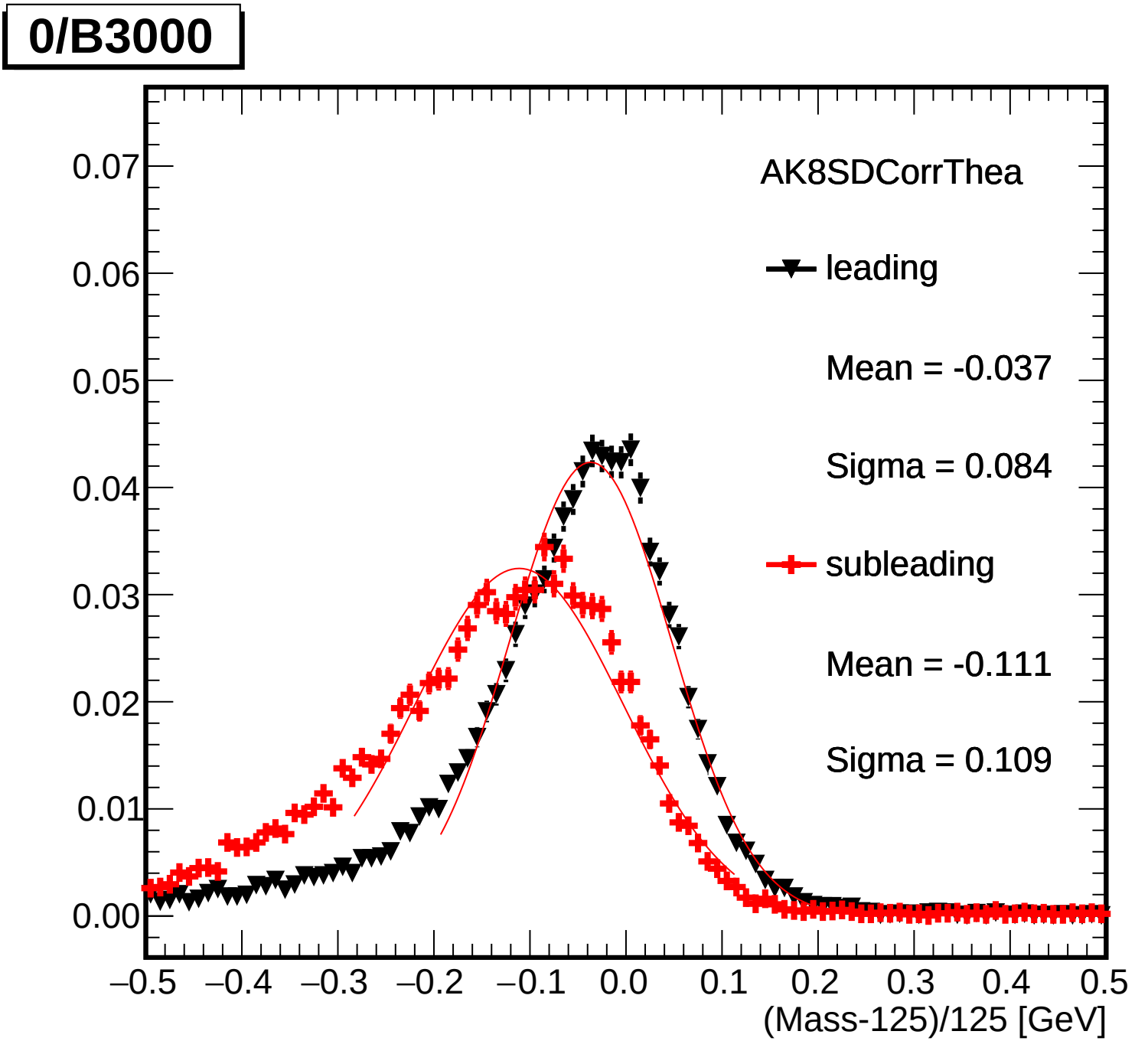

0/B3000
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

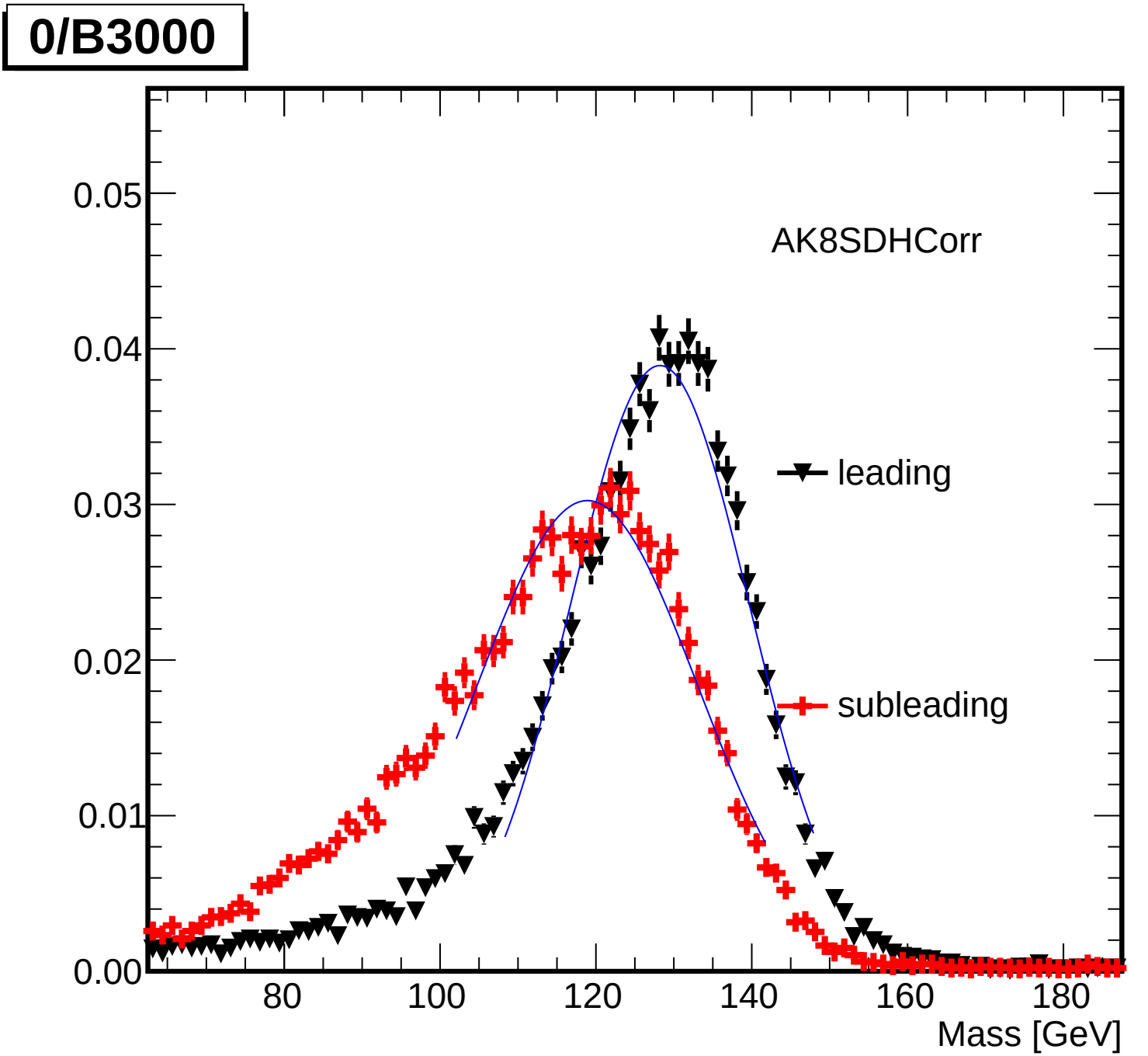

0/B3000
PRCorr
leading
Mean = -0.067
Sigma = 0.080
subleading
Mean = -0.130
Sigma = 0.103
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

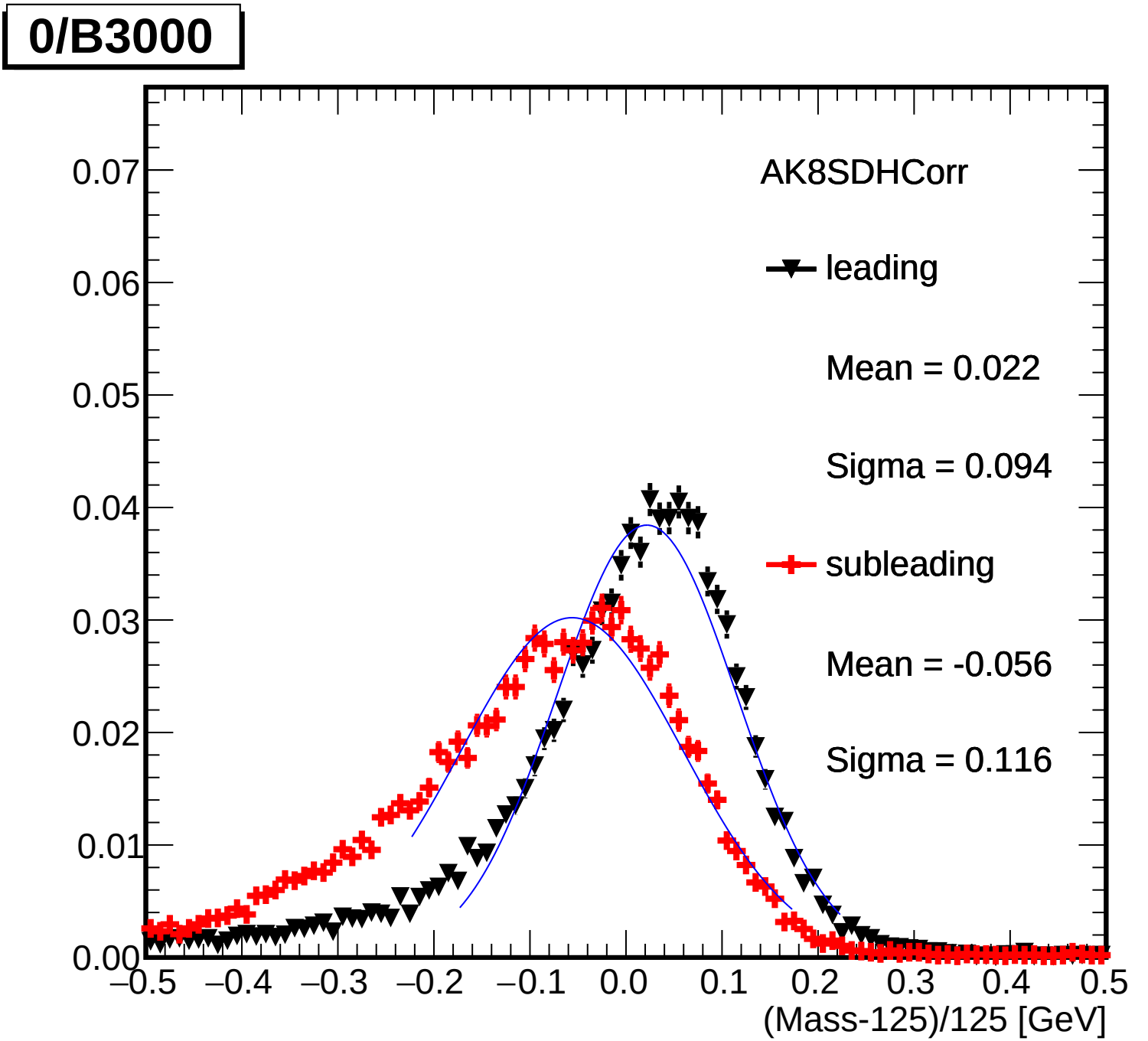

0/B3000
AK8SD
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


0/B3000
AK8SD
leading
Mean = -0.124
Sigma = 0.079
subleading
Mean = -0.194
Sigma = 0.100
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]


0/B3000
AK8SDCorrThea
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


0/B3000
AK8SDCorrThea
leading
Mean = -0.037
Sigma = 0.084
subleading
Mean = -0.111
Sigma = 0.109
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]


0/B3000
AK8SDHCorr
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


0/B3000
AK8SDHCorr
leading
Mean = 0.022
Sigma = 0.094
subleading
Mean = -0.056
Sigma = 0.116
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]