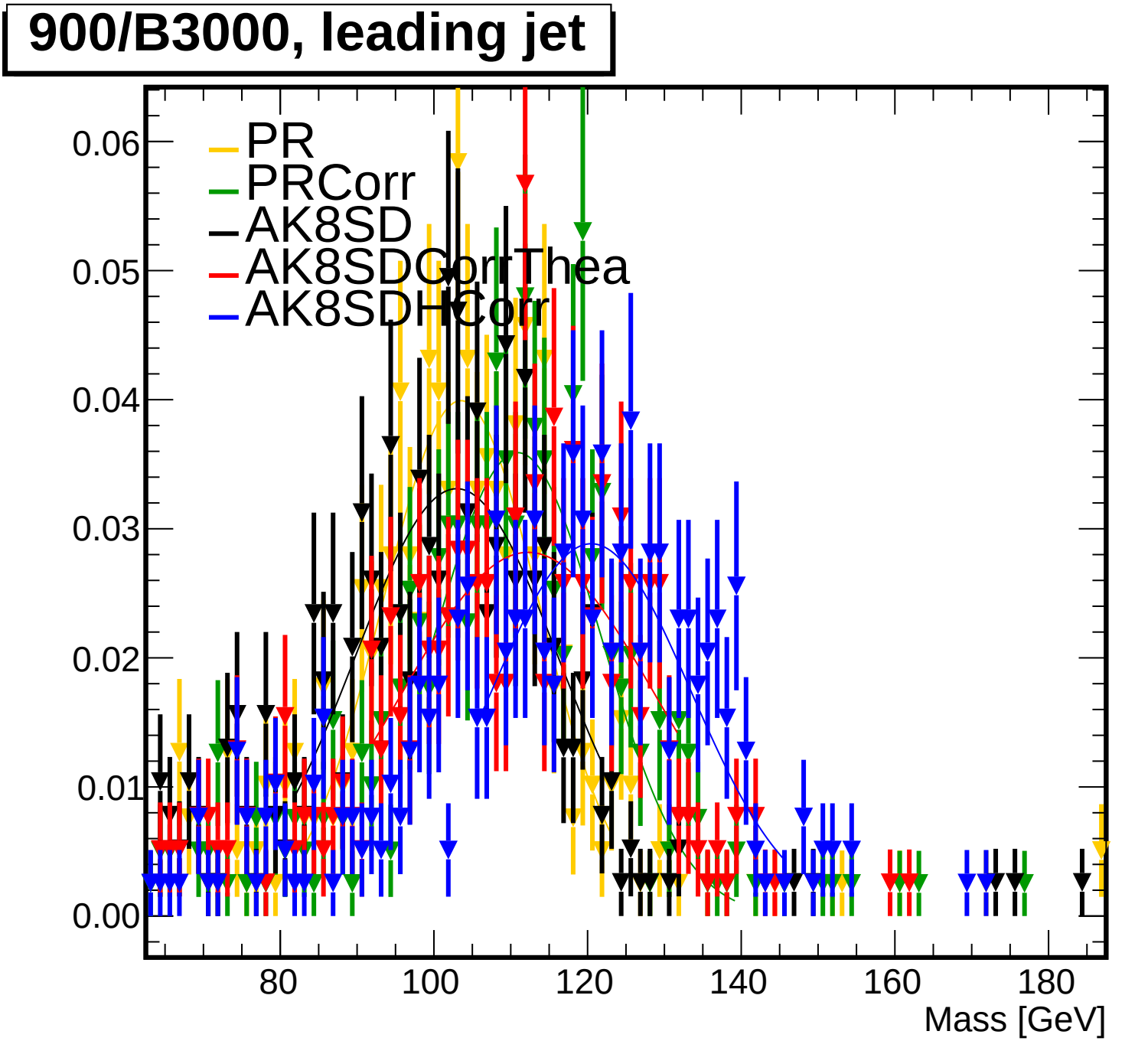
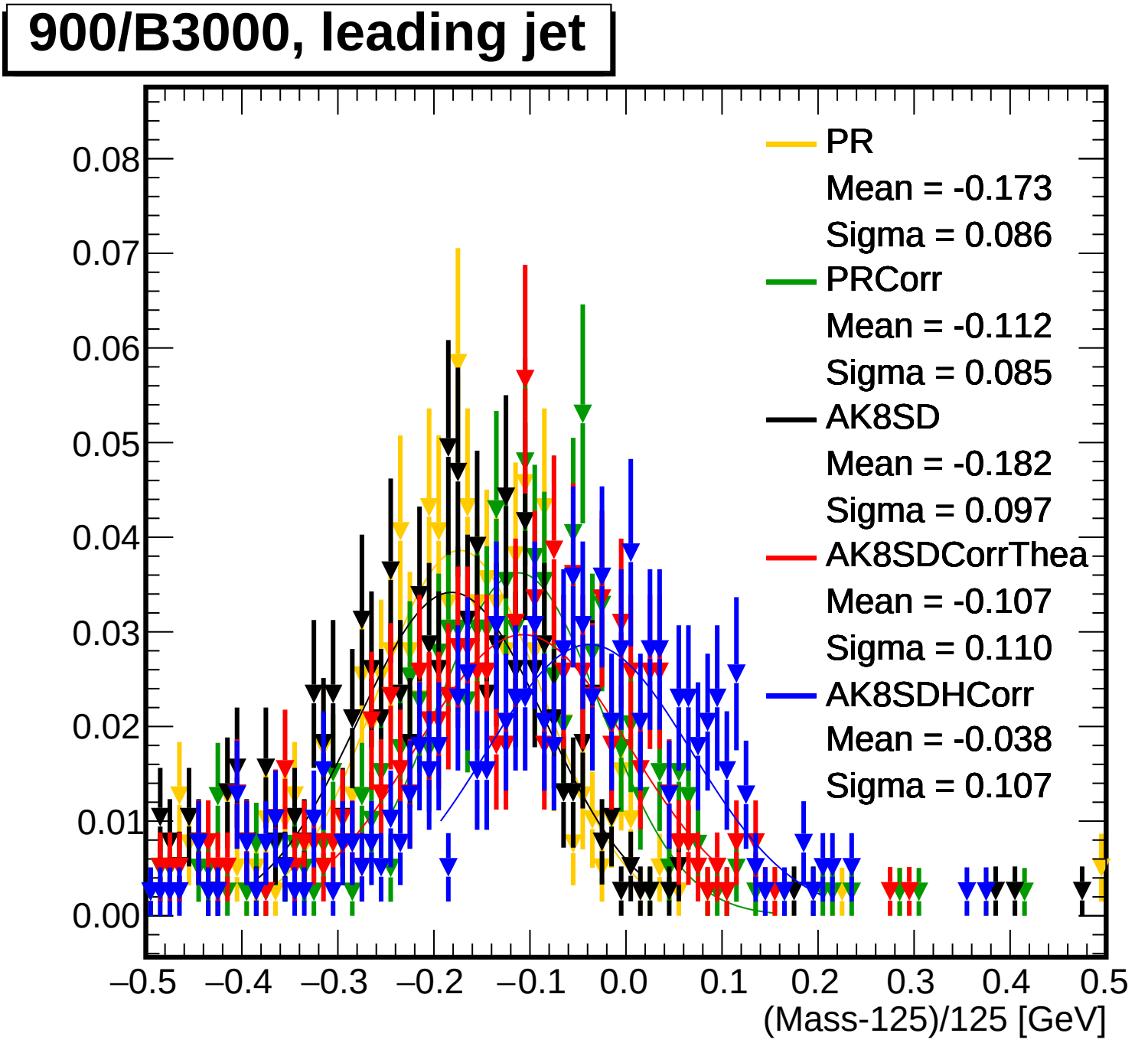
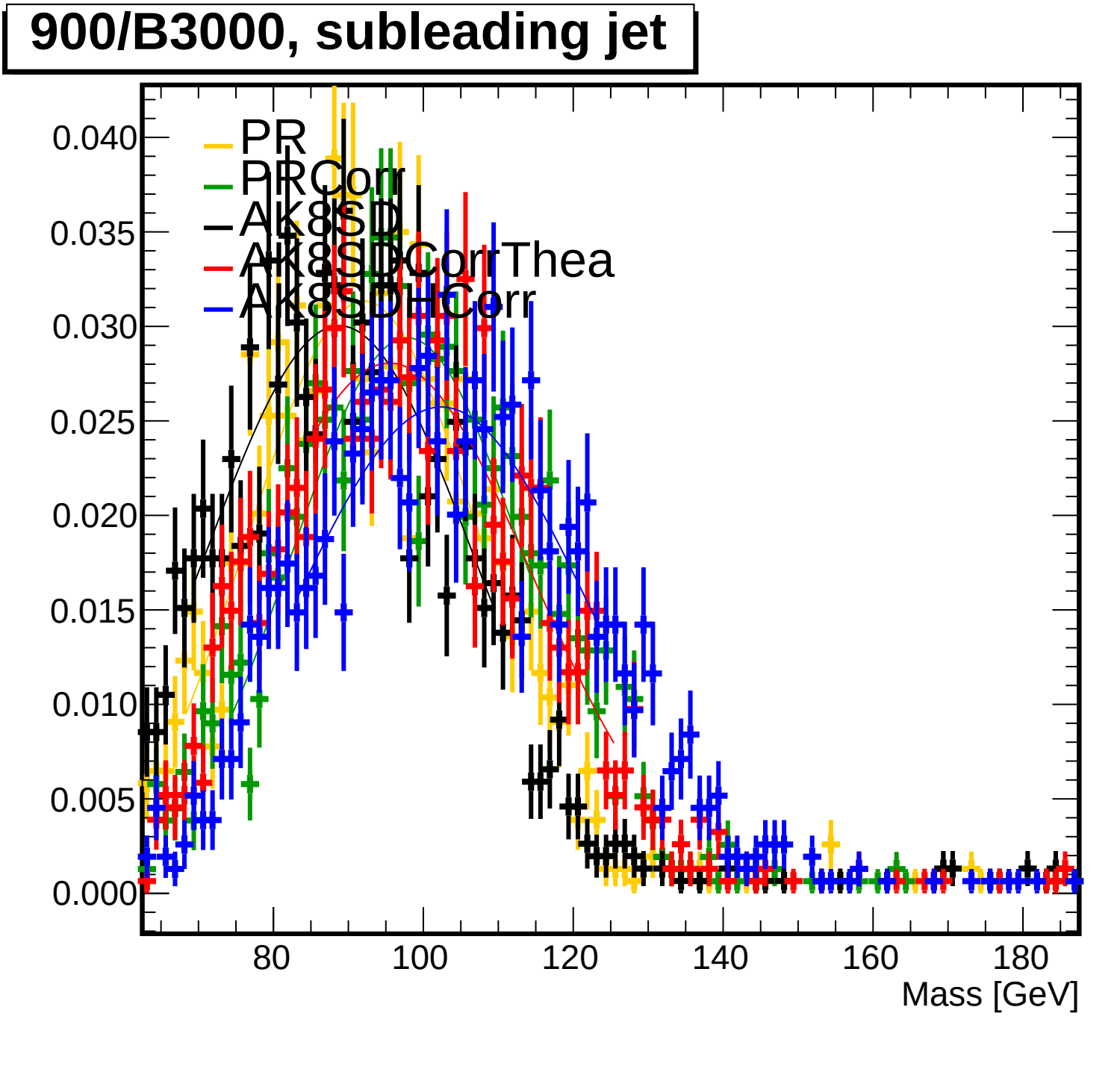
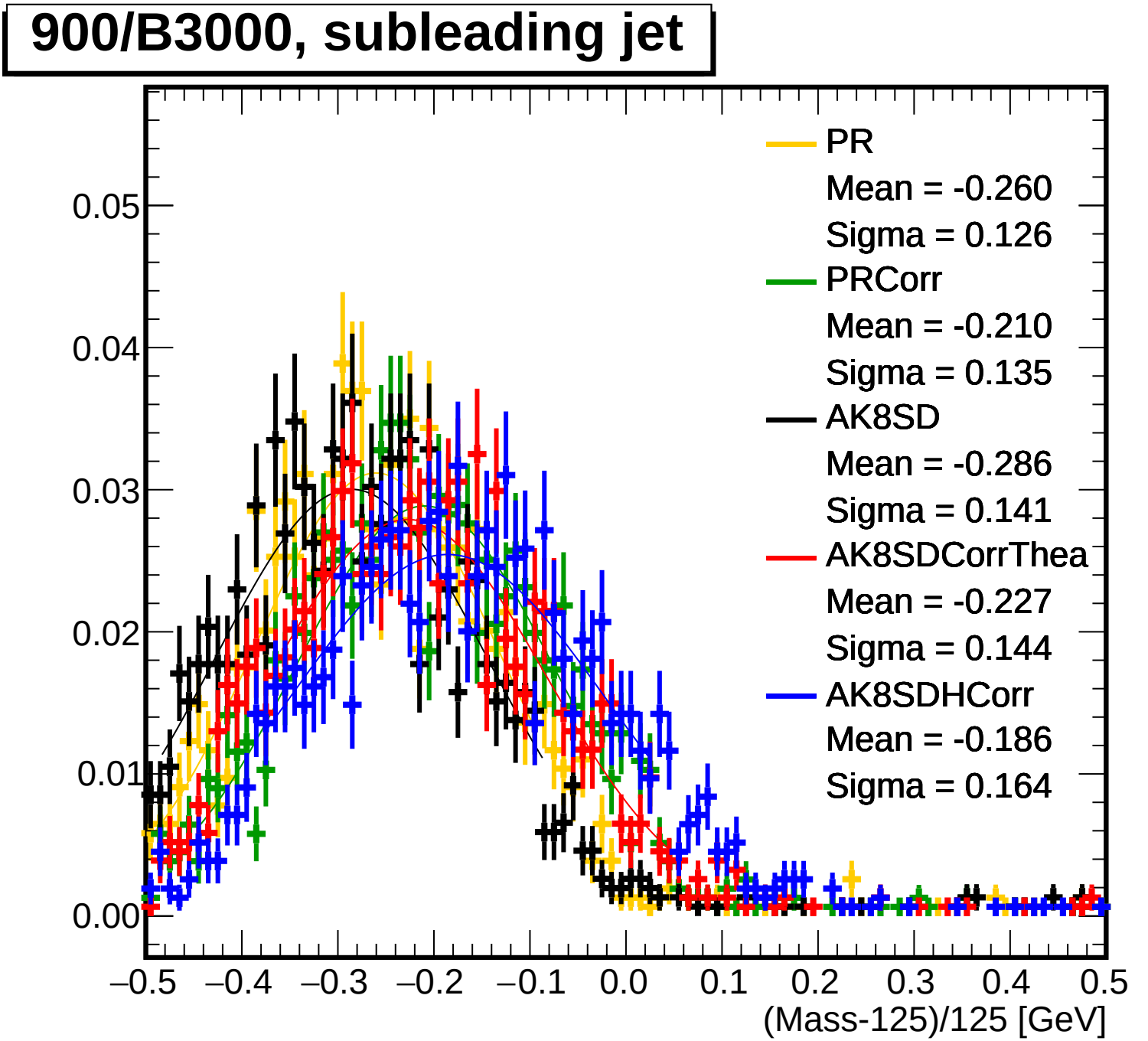
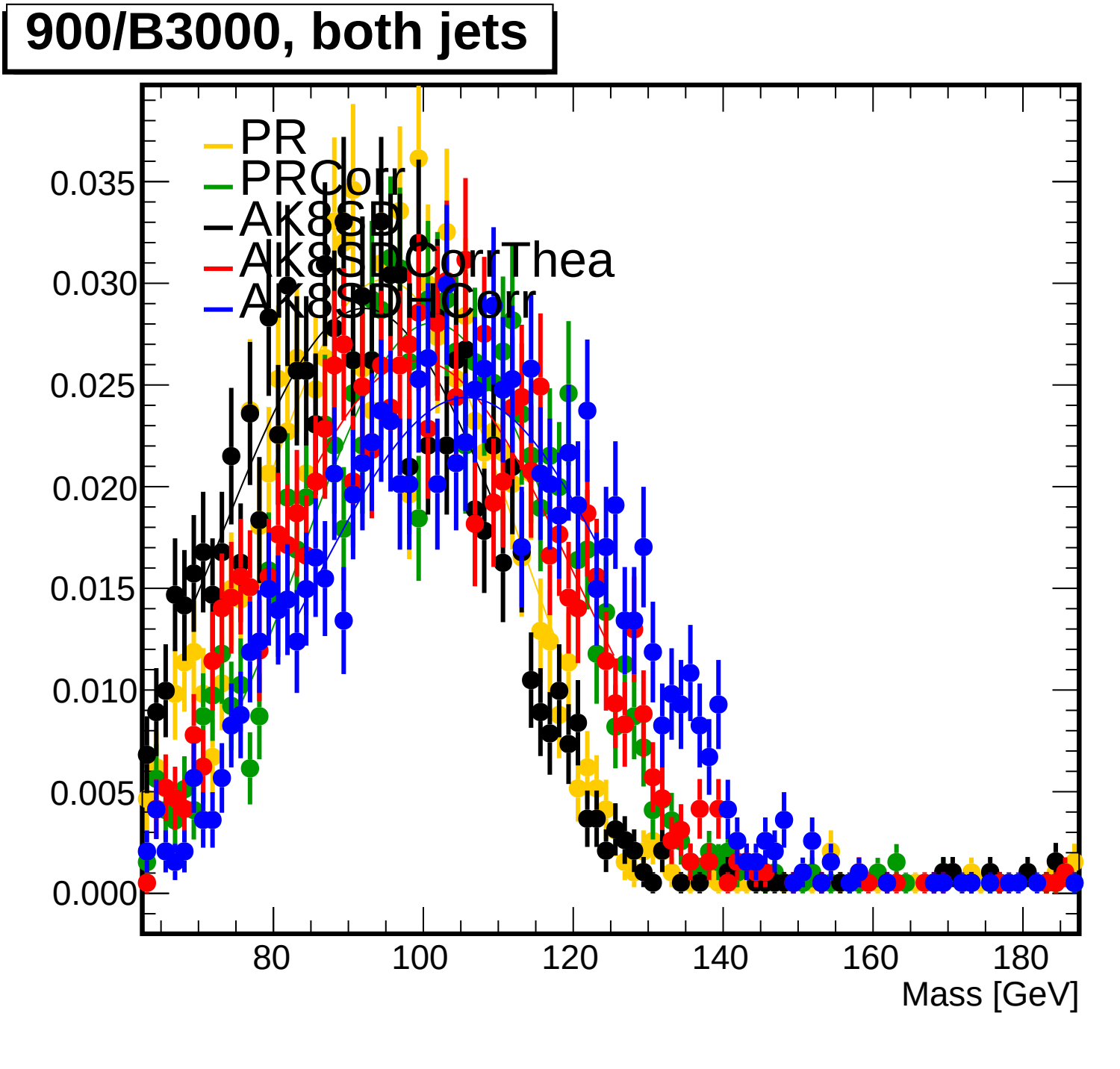
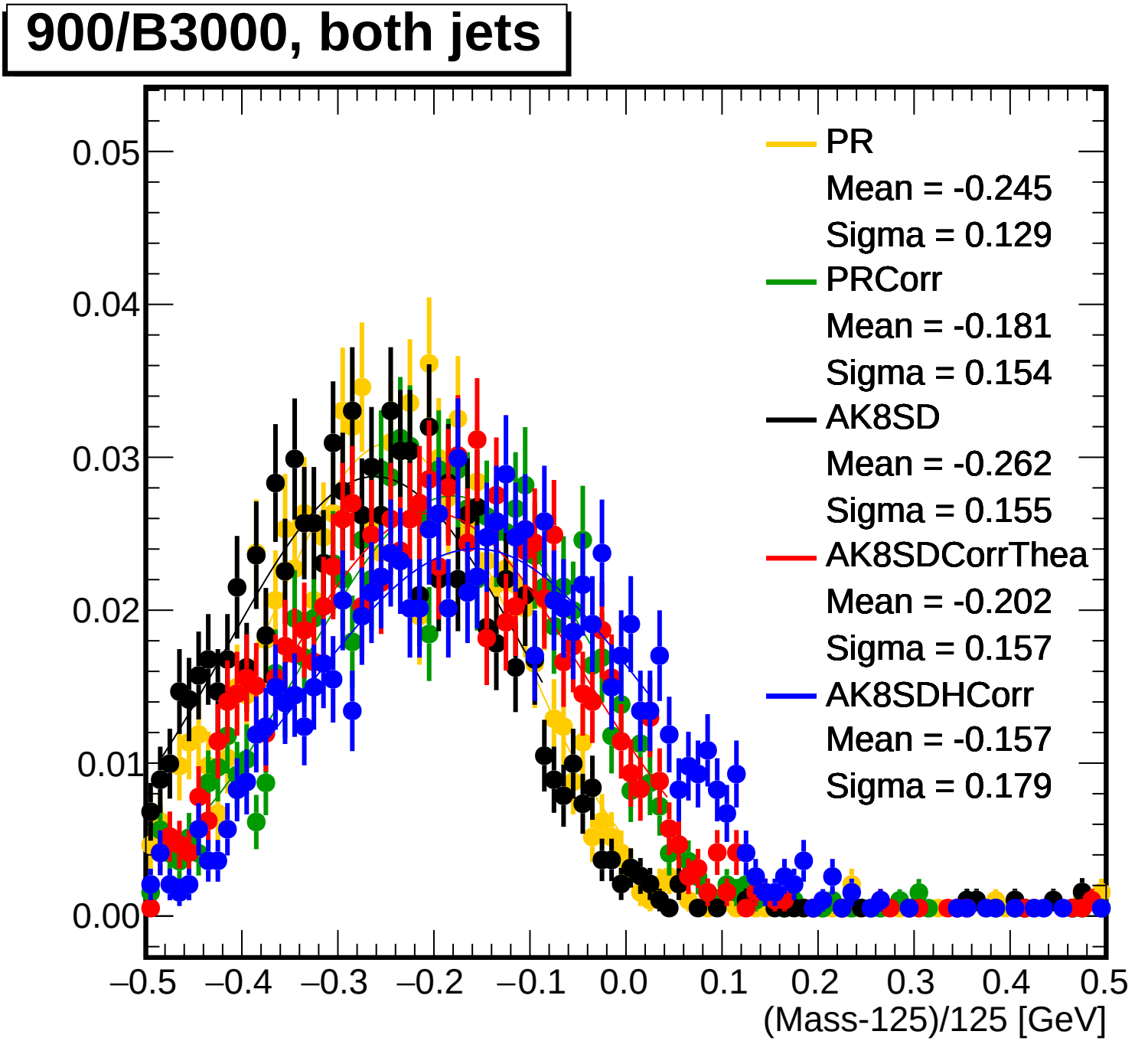

900/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

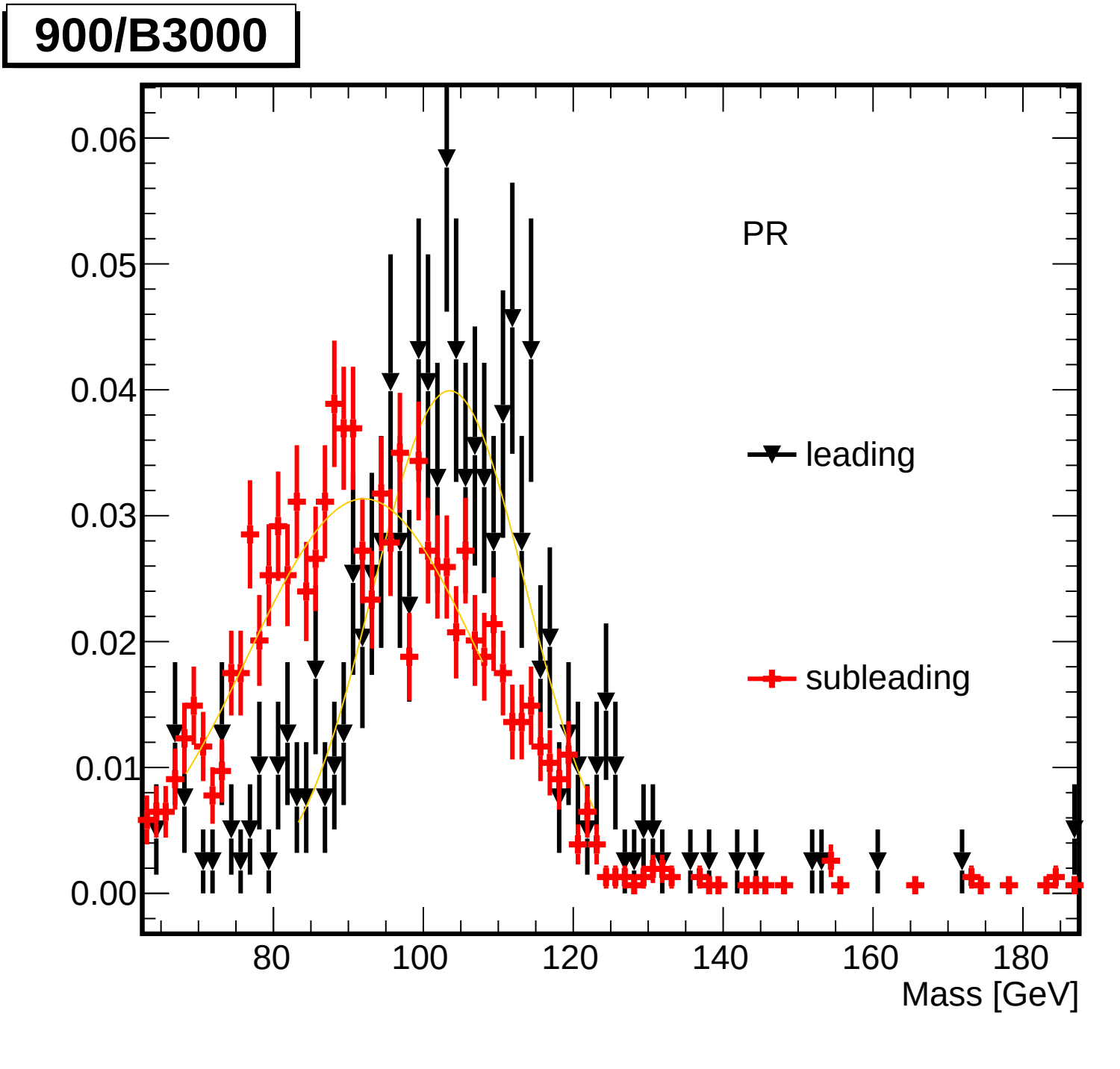

900/B3000, leading jet
PR
Mean = -0.173
Sigma = 0.086
PRCorr
Mean = -0.112
Sigma = 0.085
AK8SD
Mean = -0.182
Sigma = 0.097
AK8SDCorrThea
Mean = -0.107
Sigma = 0.110
AK8SDHCorr
Mean = -0.038
Sigma = 0.107
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

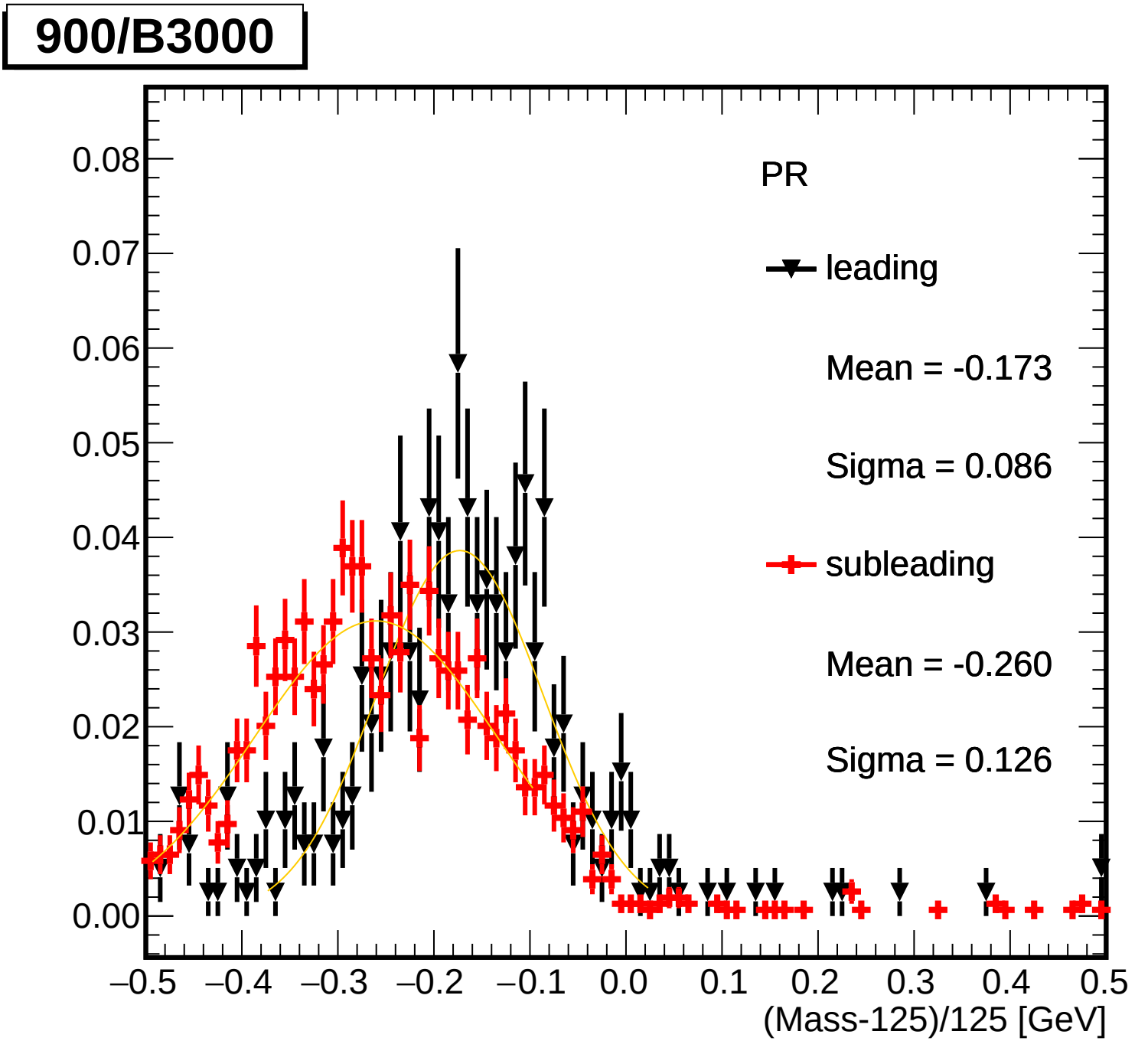

900/B3000, subleading jet
PR
PRCorr
AK8SDH
AK8SDHCorrThea
AK8SDHCorr
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

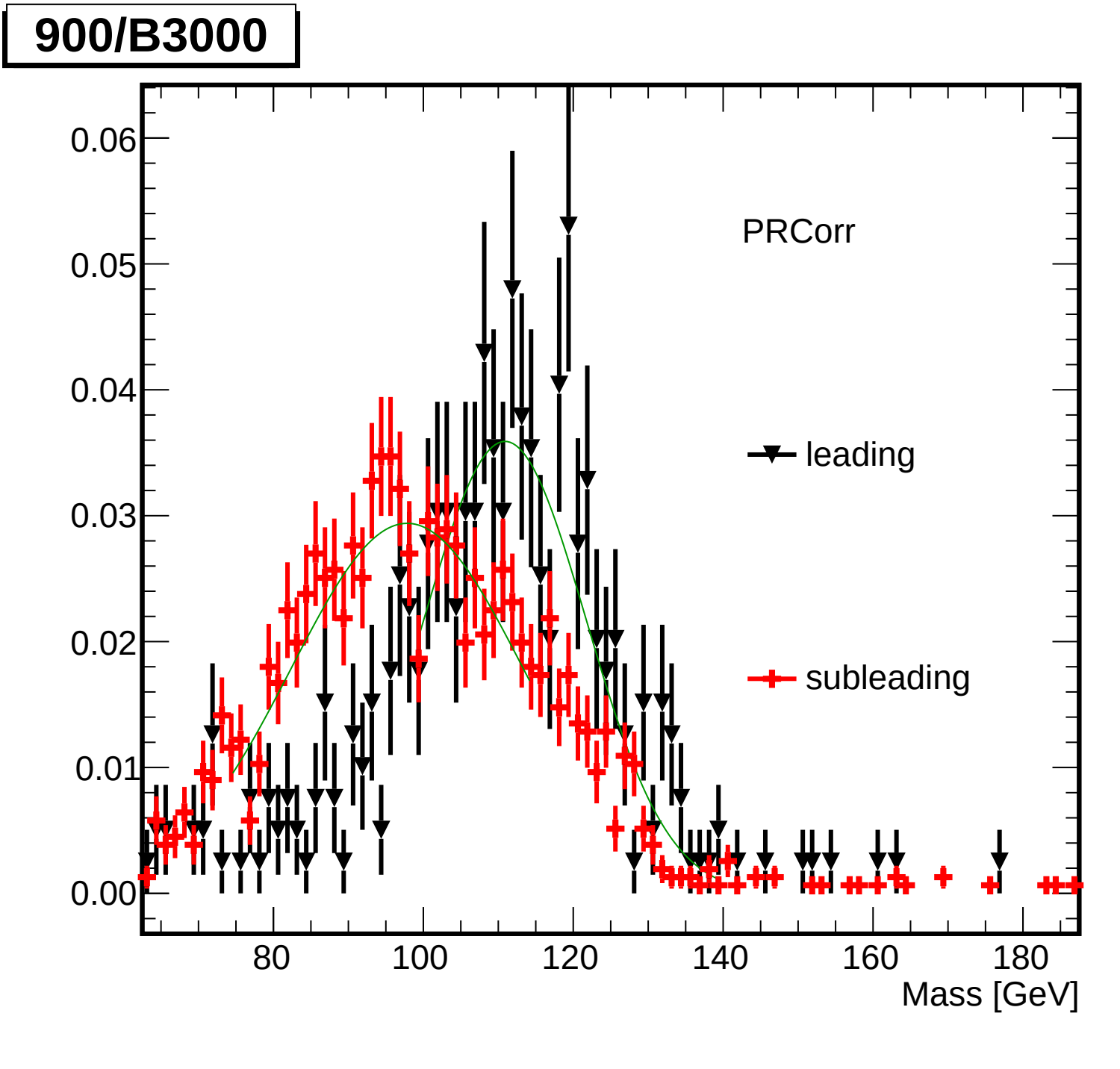

900/B3000, subleading jet
PR
Mean = -0.260
Sigma = 0.126
PRCorr
Mean = -0.210
Sigma = 0.135
AK8SD
Mean = -0.286
Sigma = 0.141
AK8SDCorrThea
Mean = -0.227
Sigma = 0.144
AK8SDHCorr
Mean = -0.186
Sigma = 0.164
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

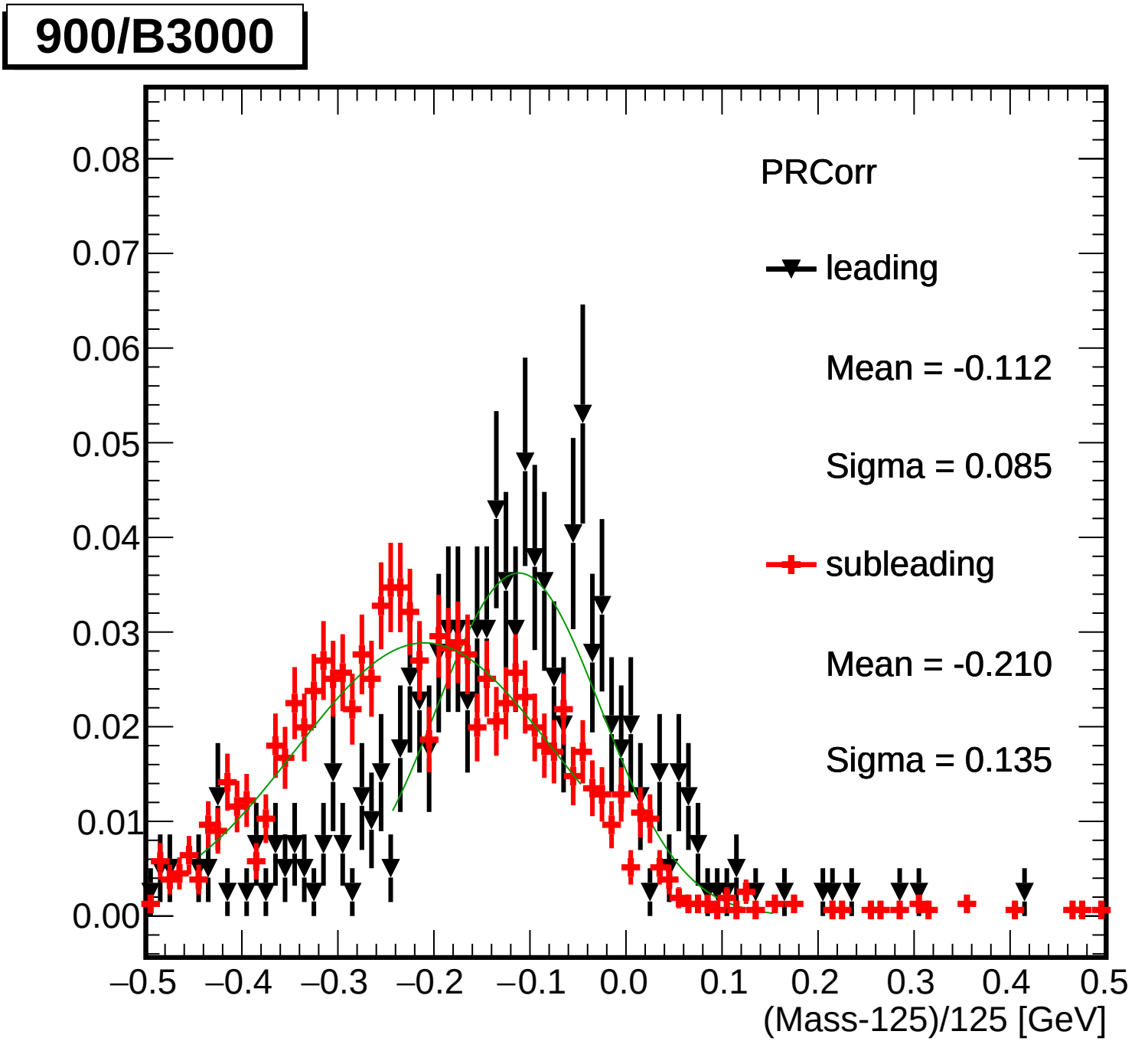

900/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

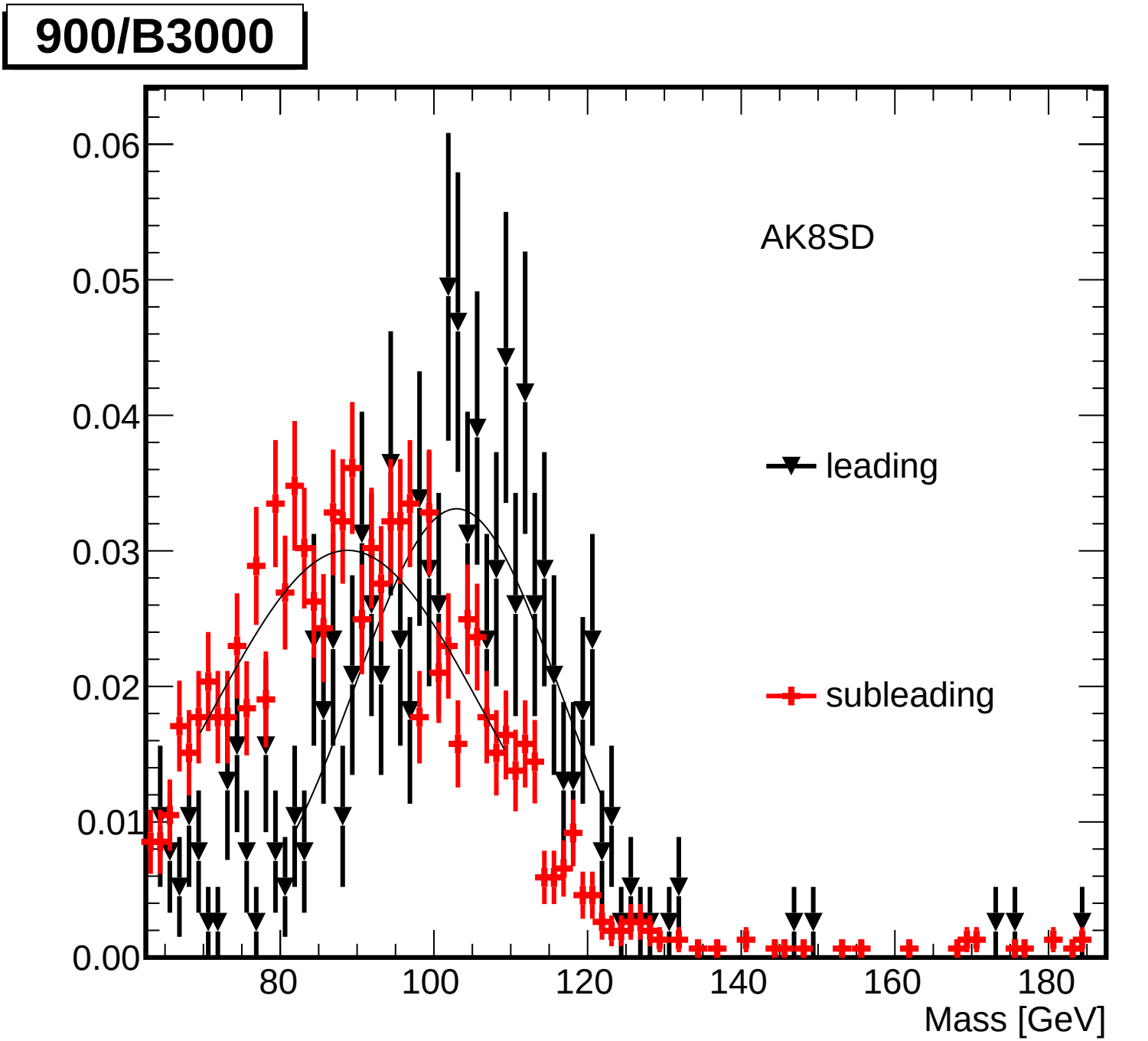

900/B3000, both jets
PR
Mean = -0.245
Sigma = 0.129
PRCorr
Mean = -0.181
Sigma = 0.154
AK8SD
Mean = -0.262
Sigma = 0.155
AK8SDCorrThea
Mean = -0.202
Sigma = 0.157
AK8SDHCorr
Mean = -0.157
Sigma = 0.179
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

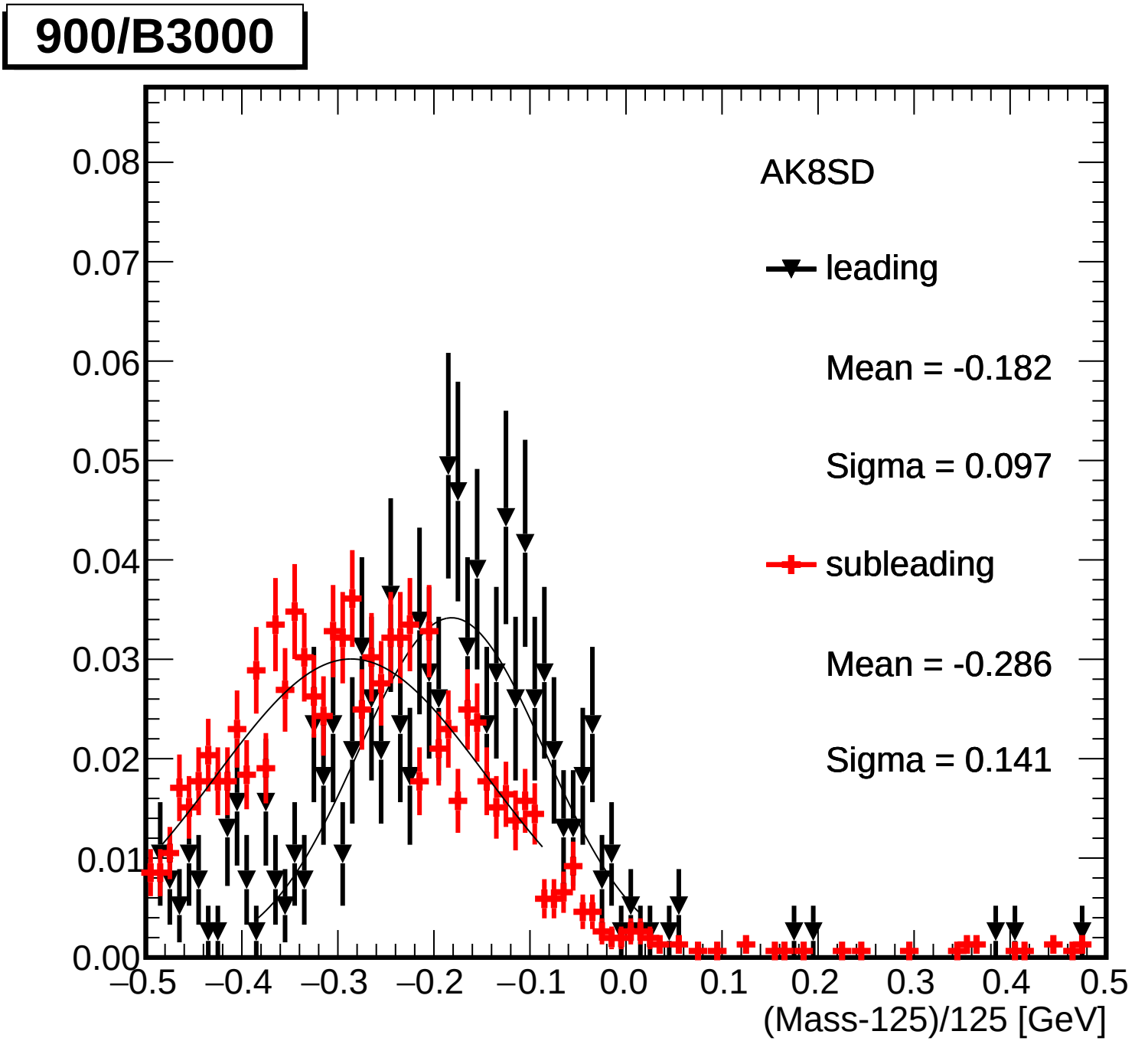

900/B3000
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

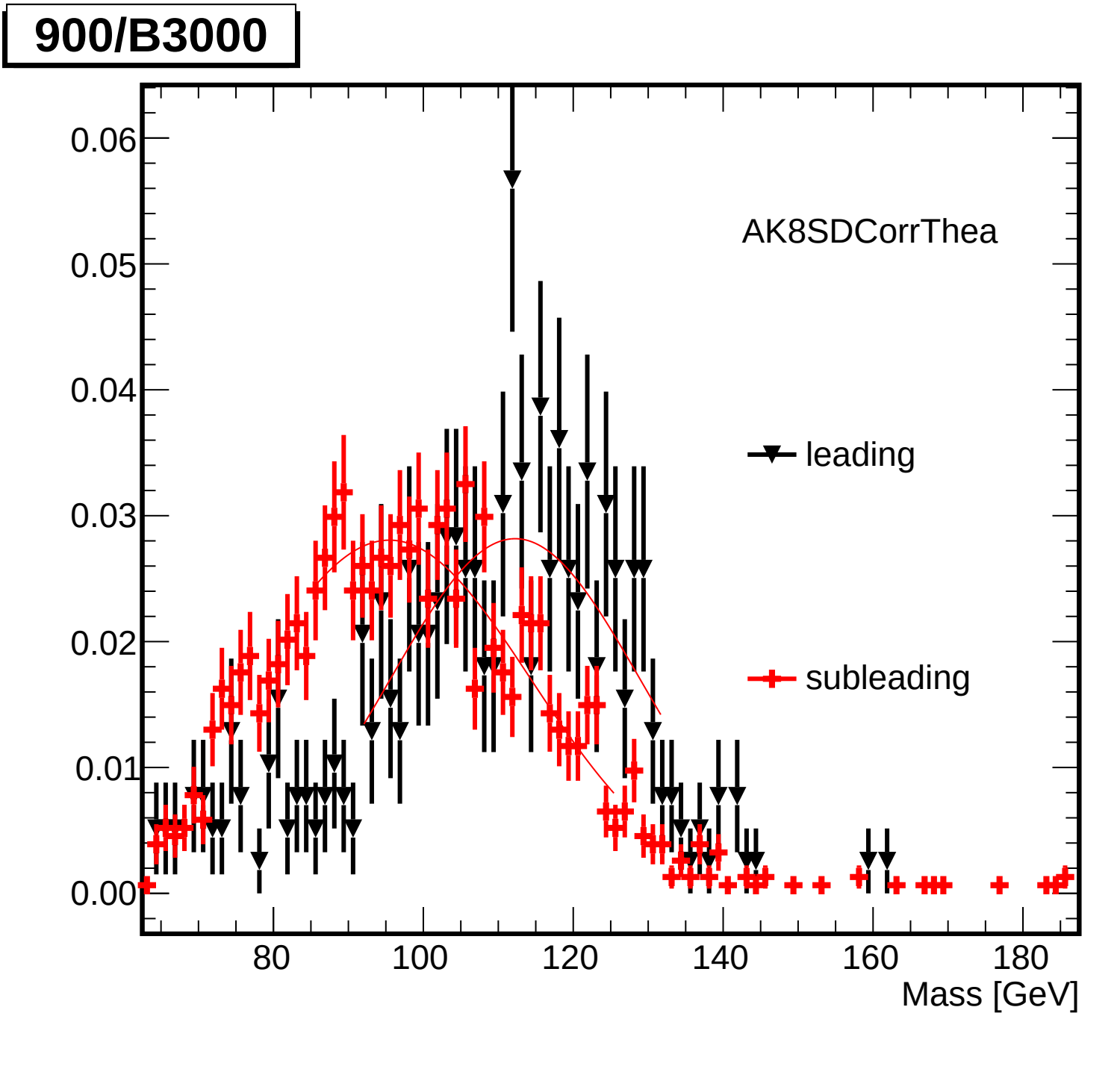

900/B3000
PR
leading
Mean = -0.173
Sigma = 0.086
subleading
Mean = -0.260
Sigma = 0.126
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

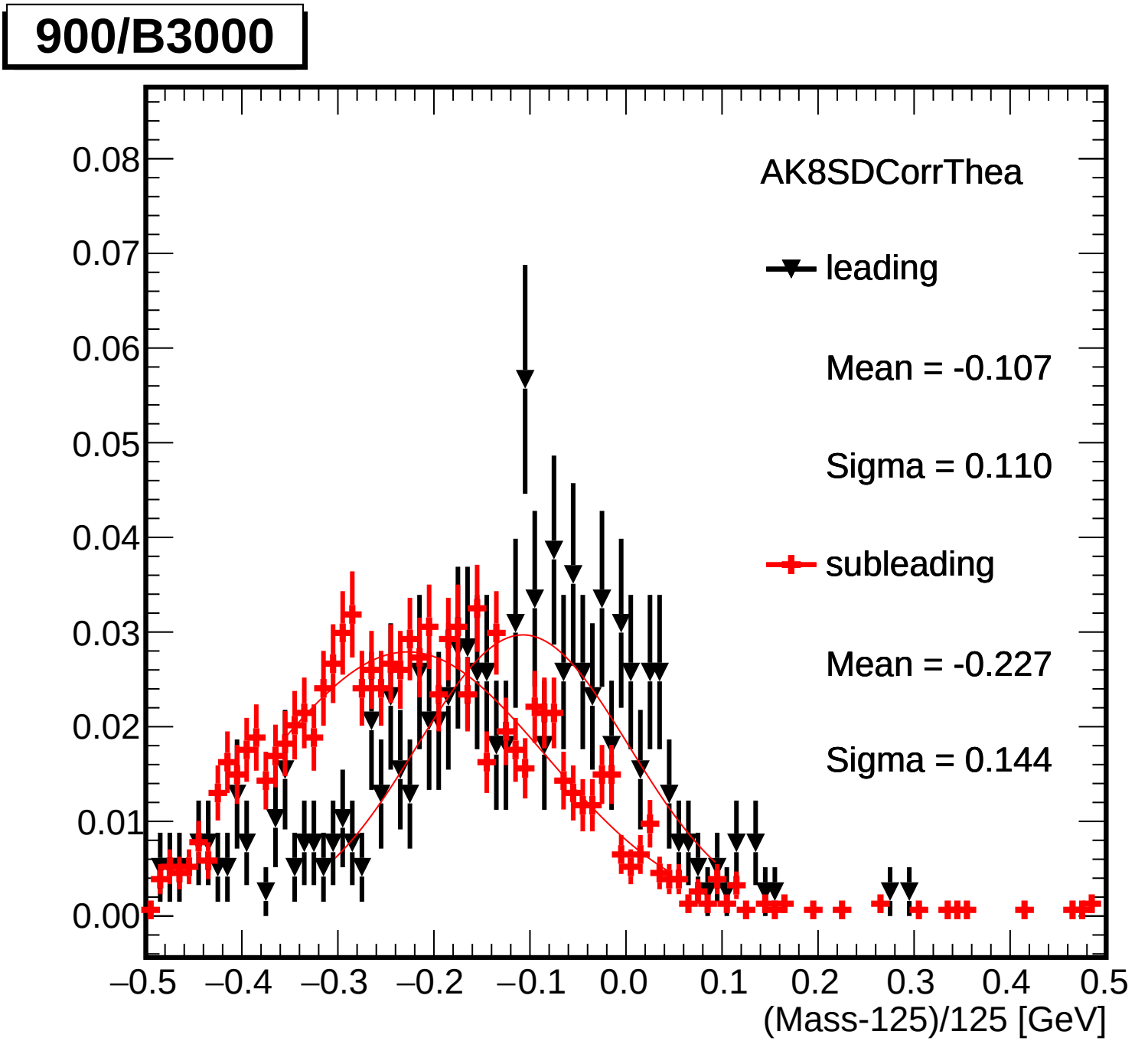

900/B3000
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

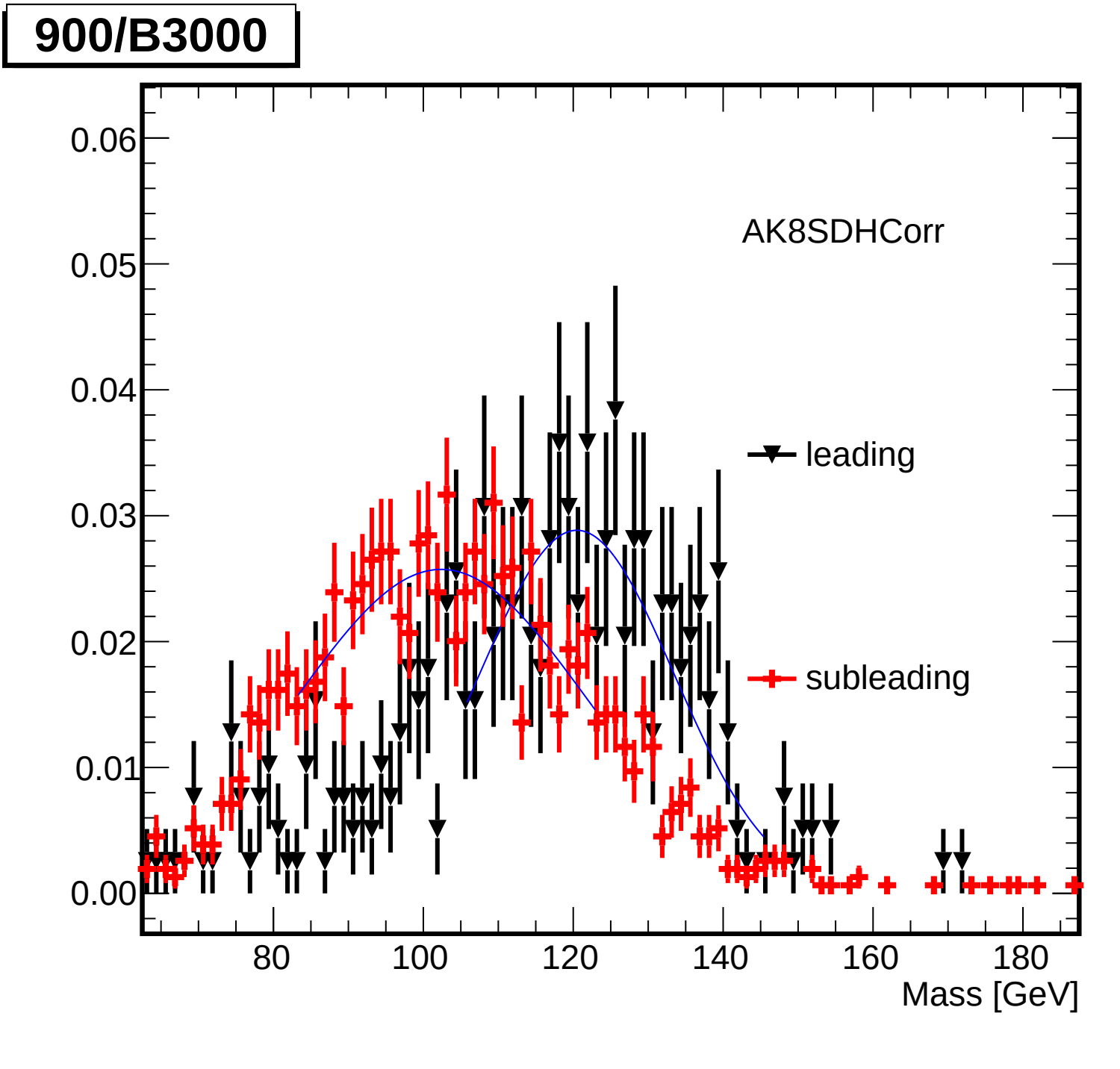

900/B3000
PRCorr
leading
Mean = -0.112
Sigma = 0.085
subleading
Mean = -0.210
Sigma = 0.135
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

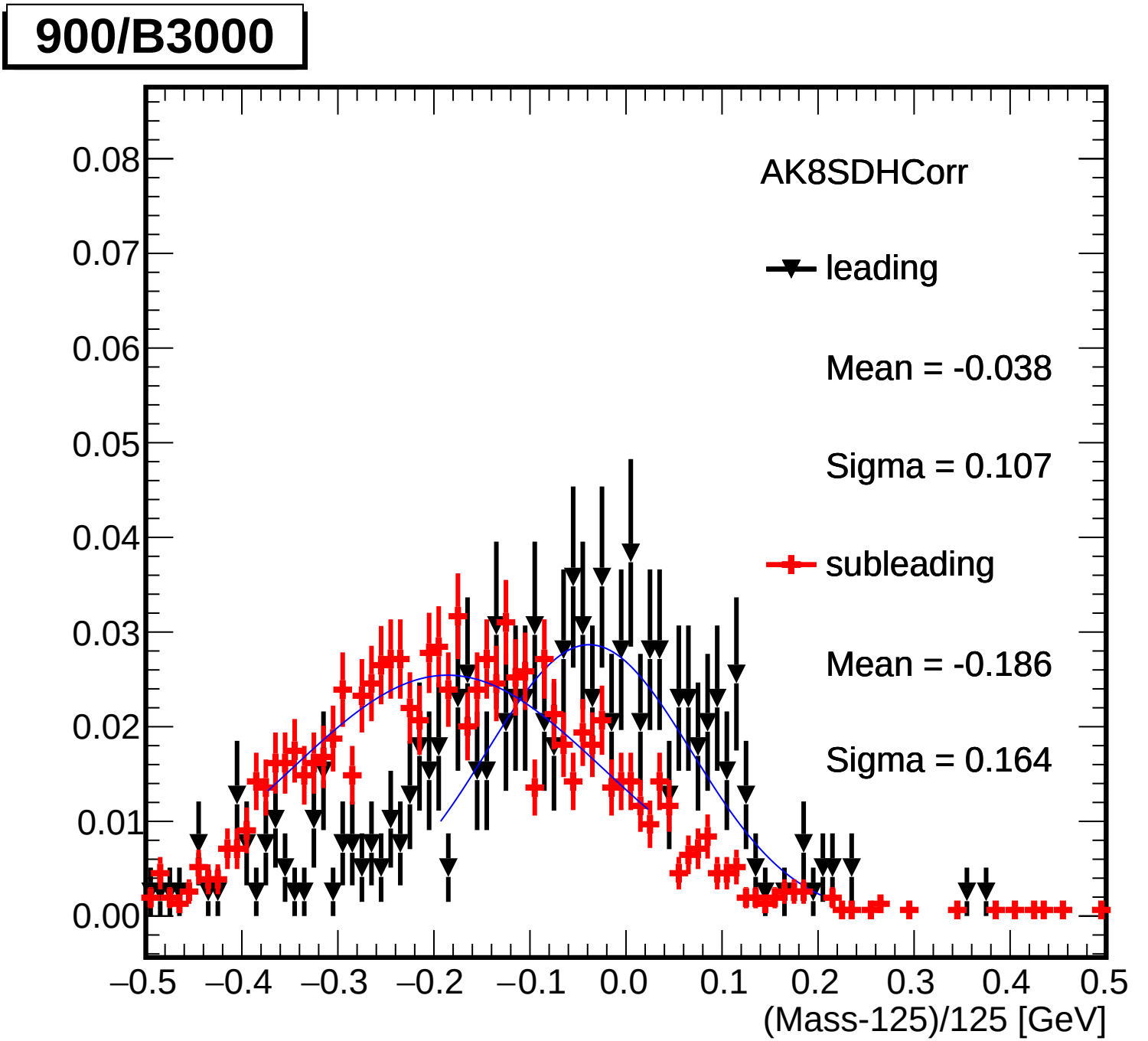

900/B3000
AK8SD
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


900/B3000
AK8SD
leading
Mean = -0.182
Sigma = 0.097
subleading
Mean = -0.286
Sigma = 0.141
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/B3000
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/B3000
AK8SDCorrThea
leading
Mean = -0.107
Sigma = 0.110
subleading
Mean = -0.227
Sigma = 0.144
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/B3000
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/B3000
AK8SDHCorr
leading
Mean = -0.038
Sigma = 0.107
subleading
Mean = -0.186
Sigma = 0.164
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]