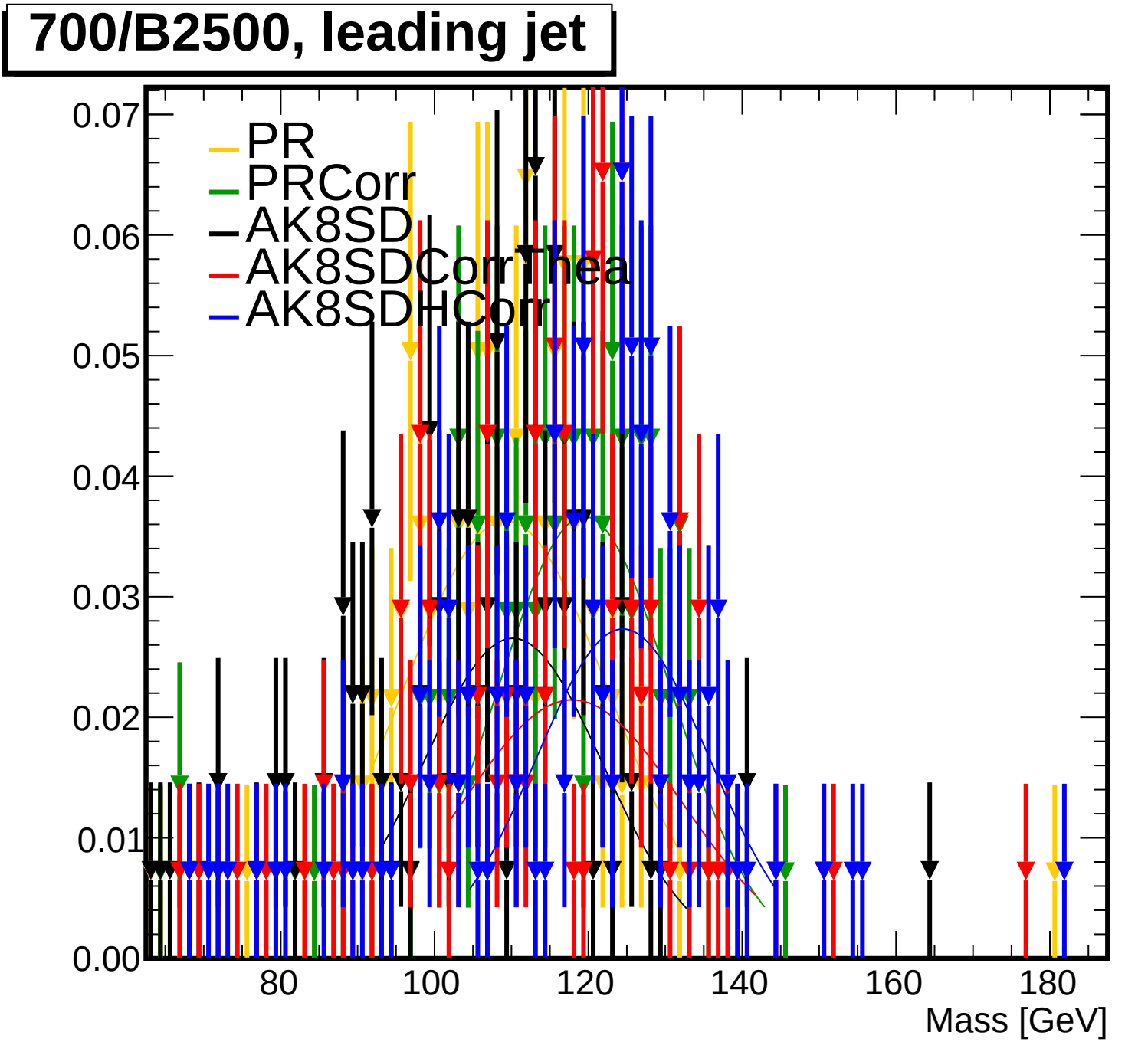
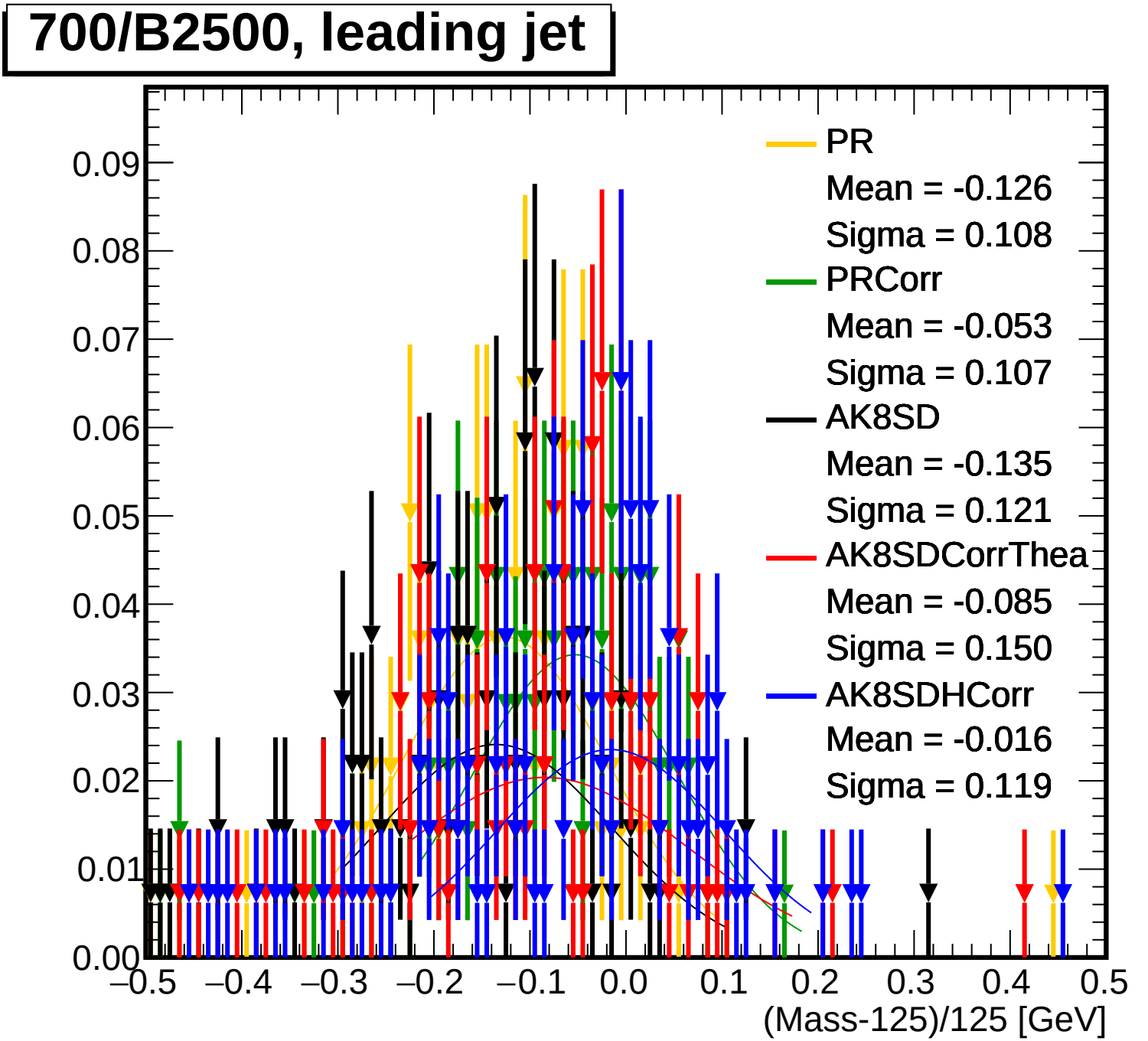
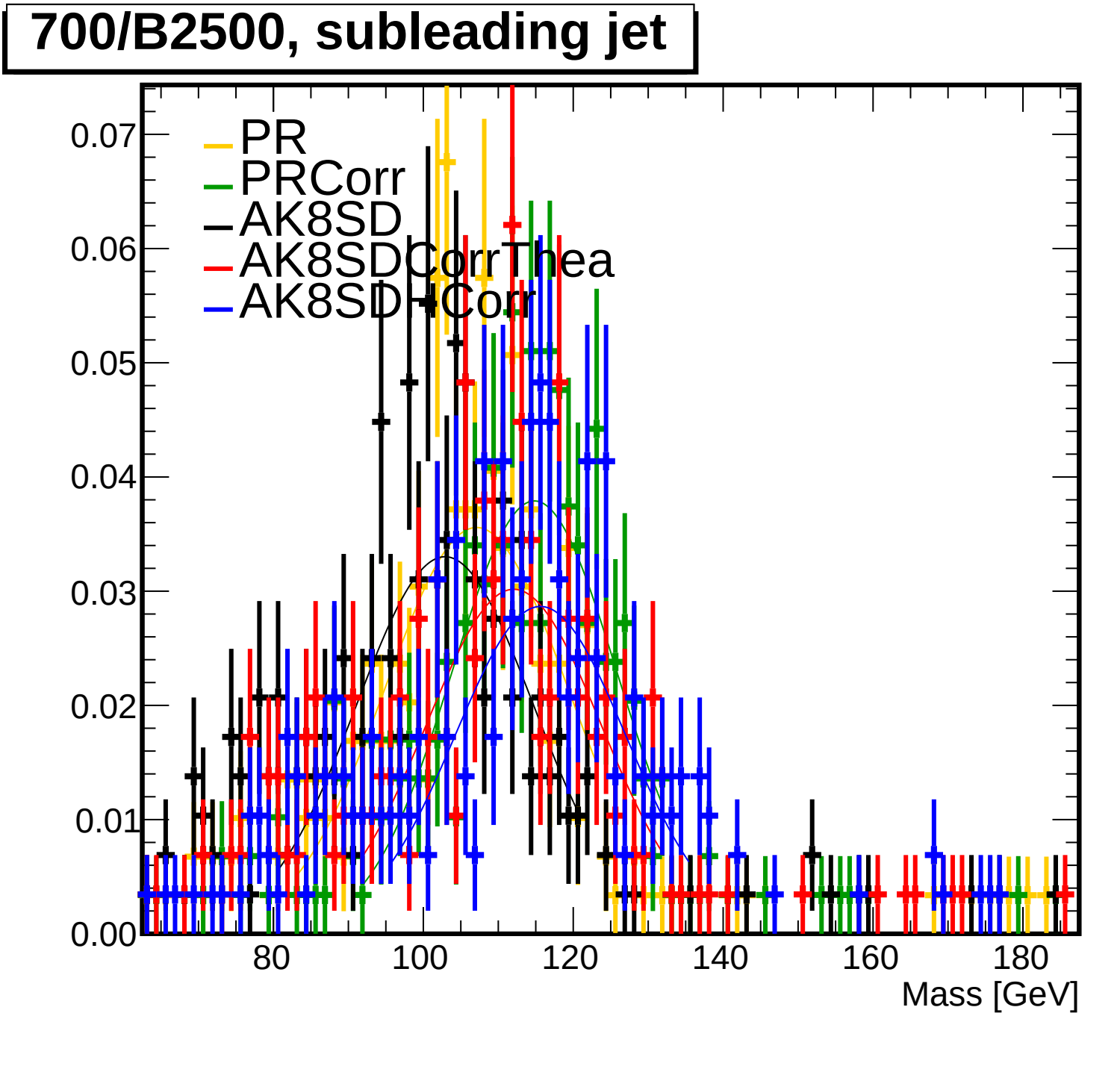
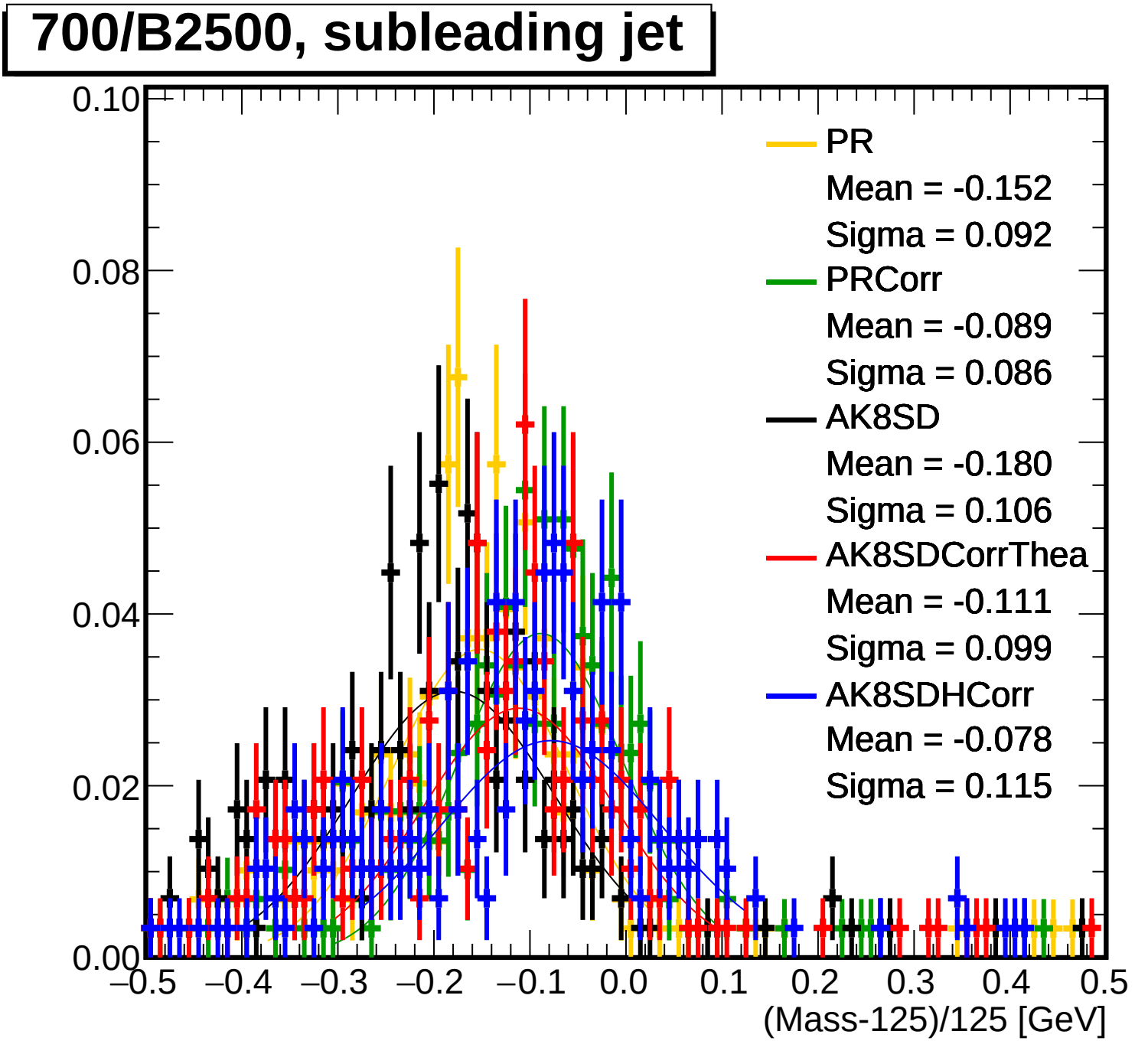
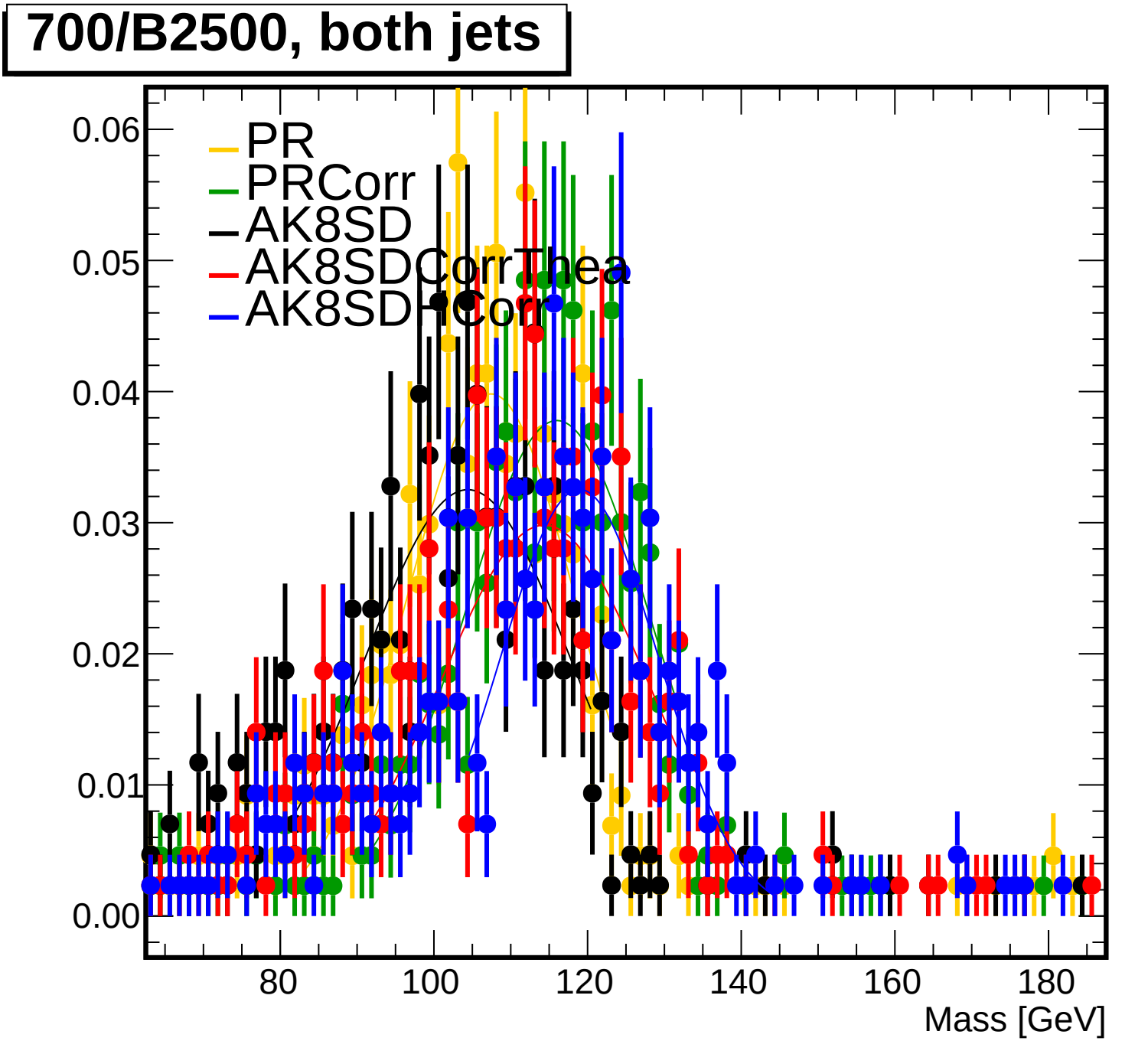
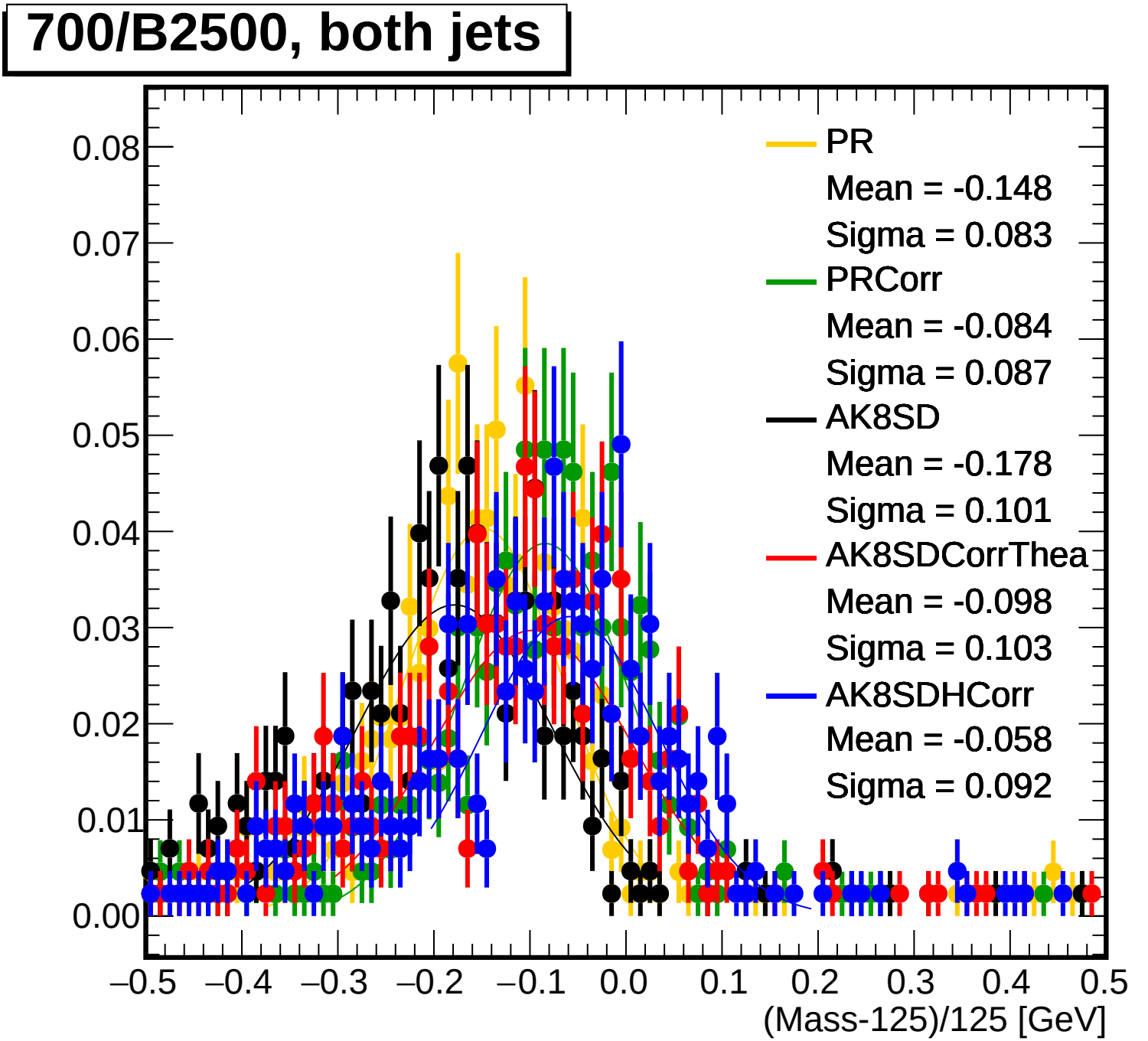

700/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

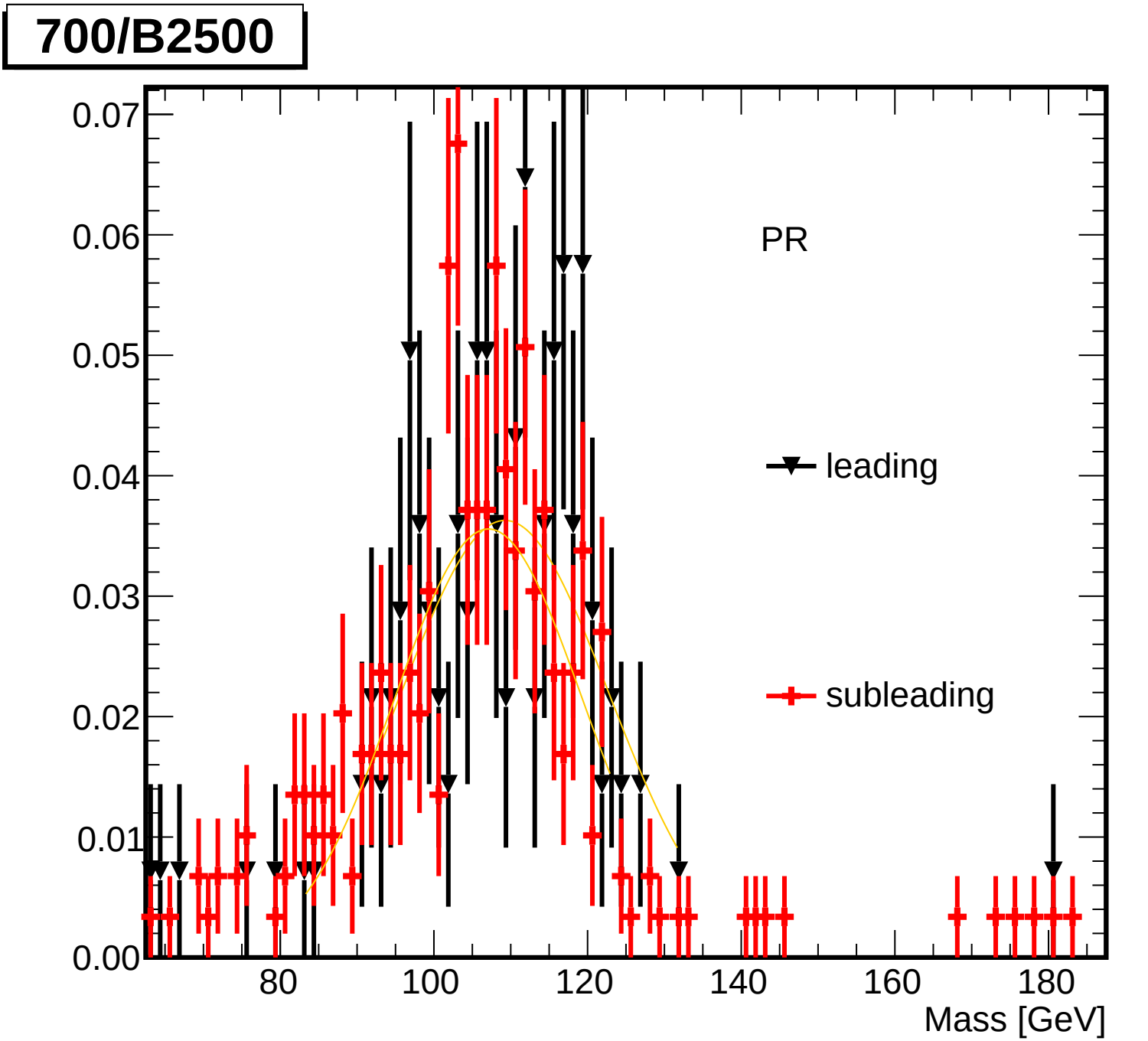

700/B2500, leading jet
PR
Mean = -0.126
Sigma = 0.108
PRCorr
Mean = -0.053
Sigma = 0.107
AK8SD
Mean = -0.135
Sigma = 0.121
AK8SDCorrThea
Mean = -0.085
Sigma = 0.150
AK8SDHCorr
Mean = -0.016
Sigma = 0.119
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

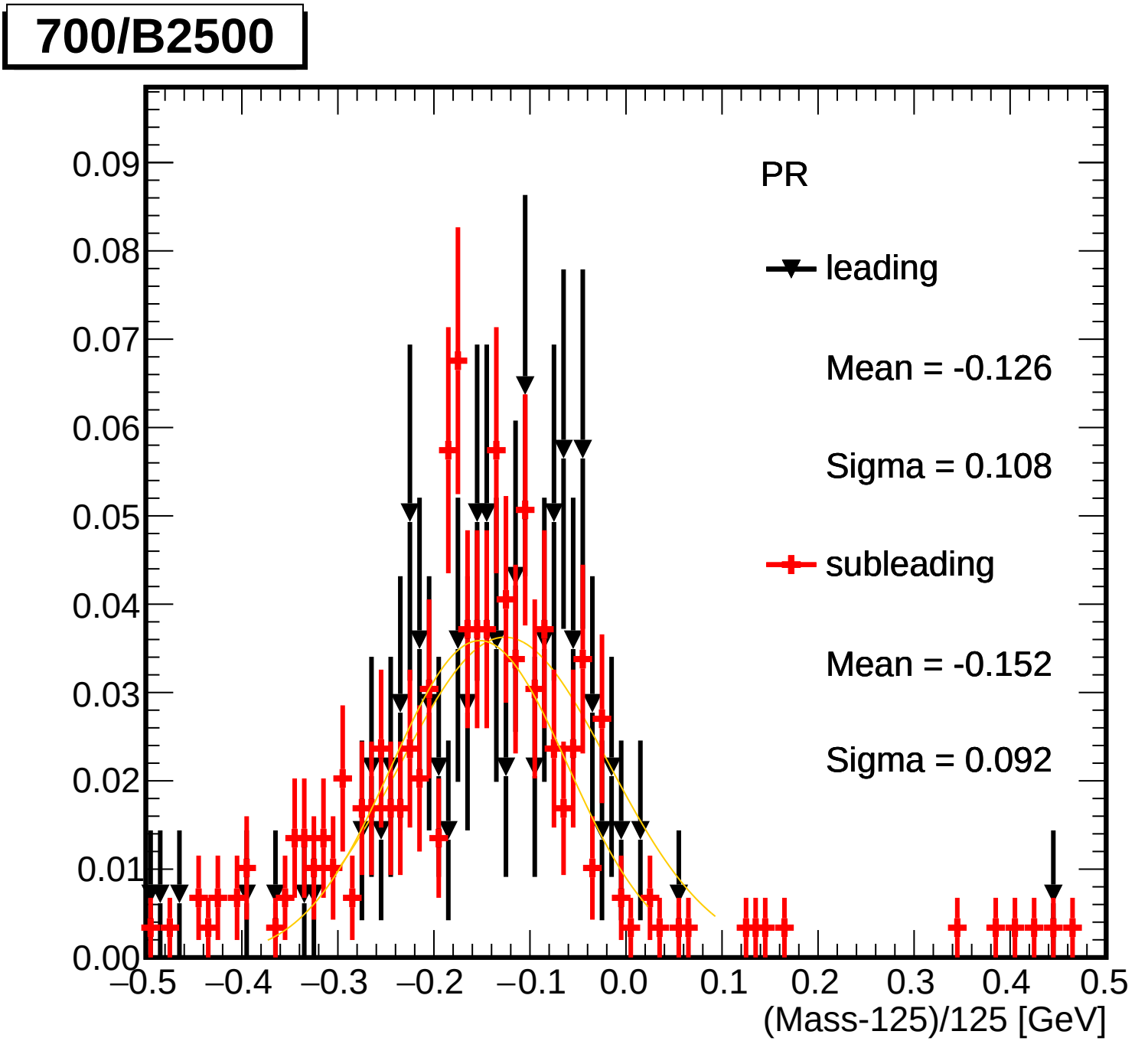

700/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

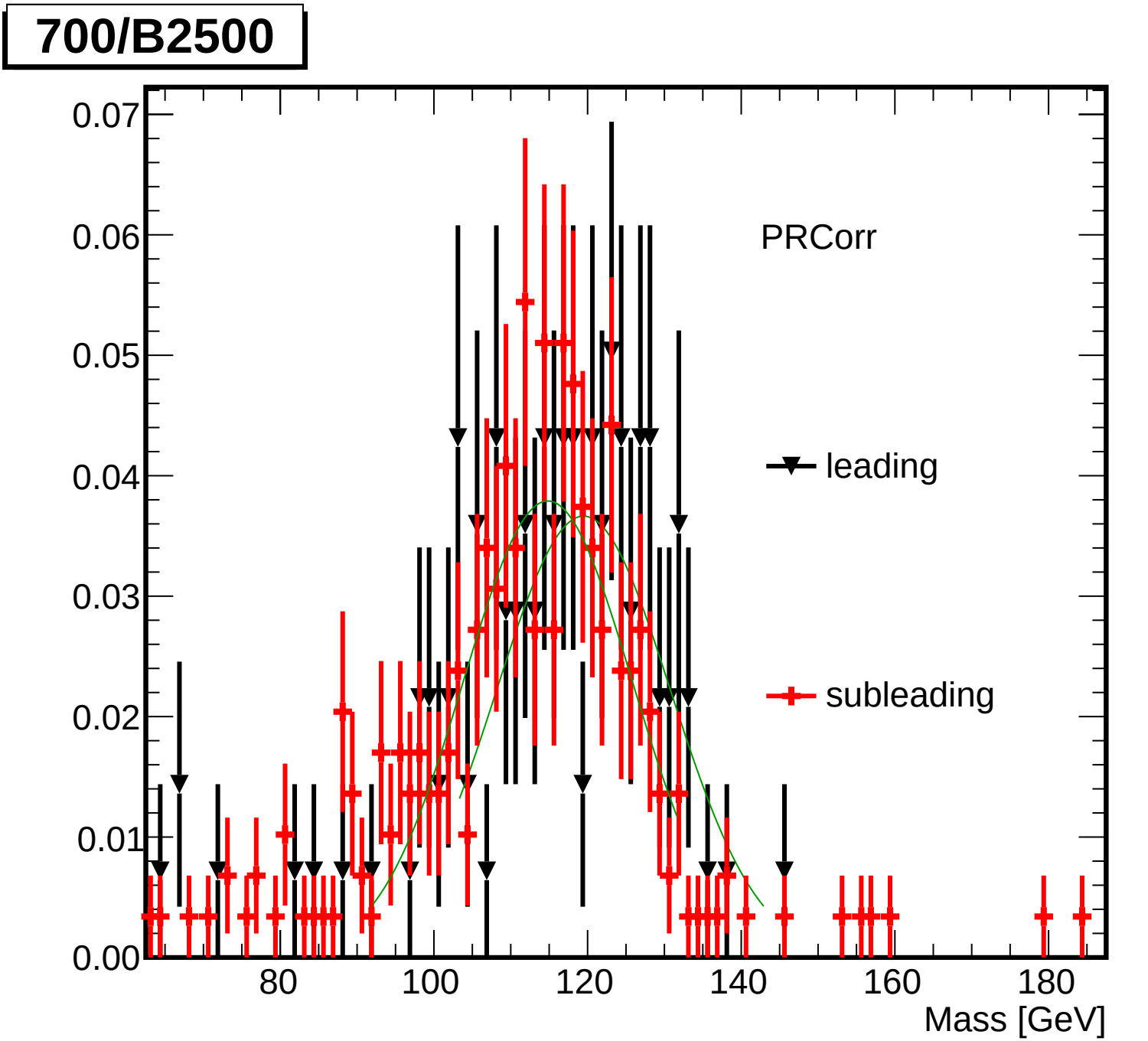

700/B2500, subleading jet
PR
Mean = -0.152
Sigma = 0.092
PRCorr
Mean = -0.089
Sigma = 0.086
AK8SD
Mean = -0.180
Sigma = 0.106
AK8SDCorrThea
Mean = -0.111
Sigma = 0.099
AK8SDHCorr
Mean = -0.078
Sigma = 0.115
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

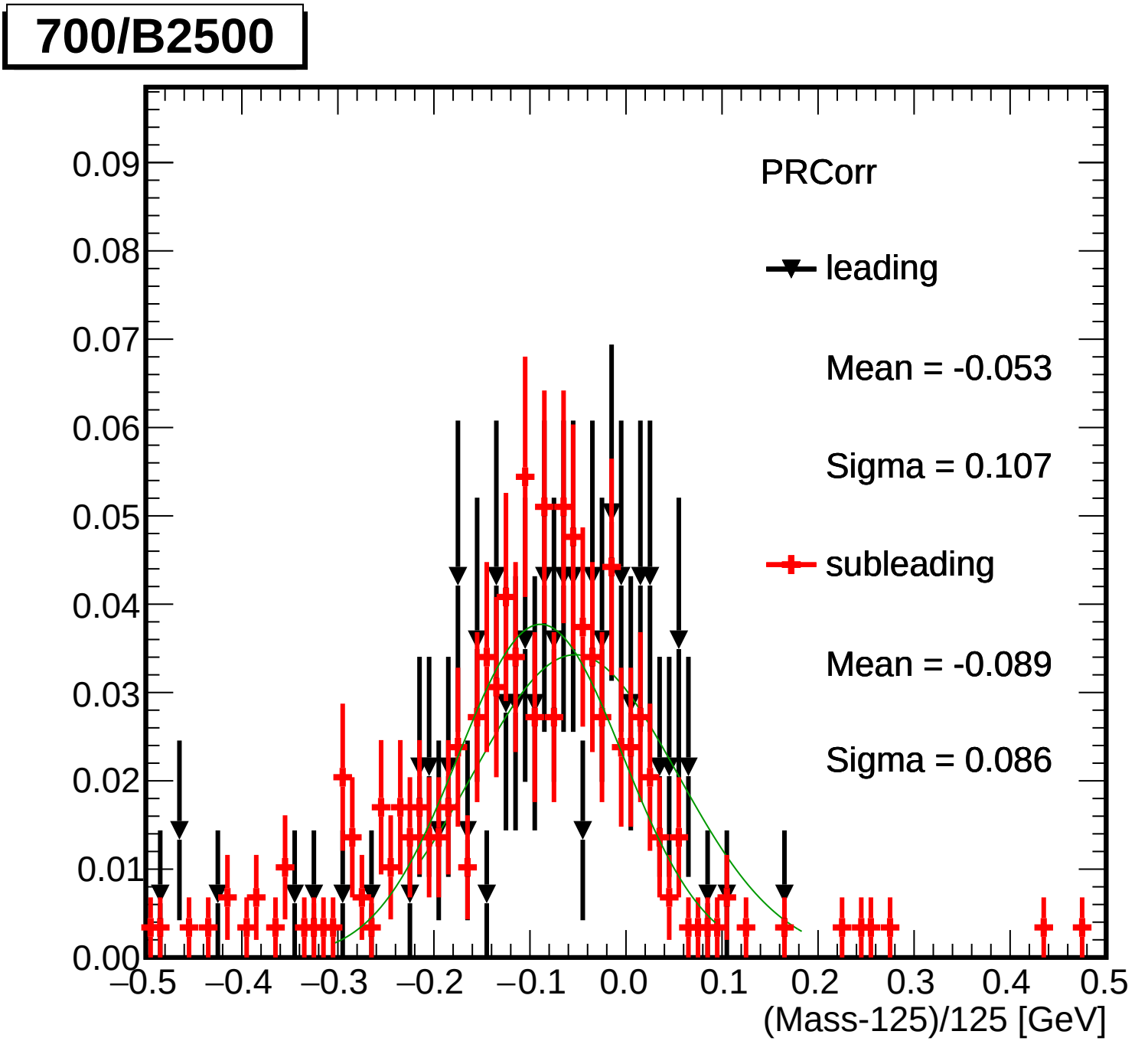

700/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

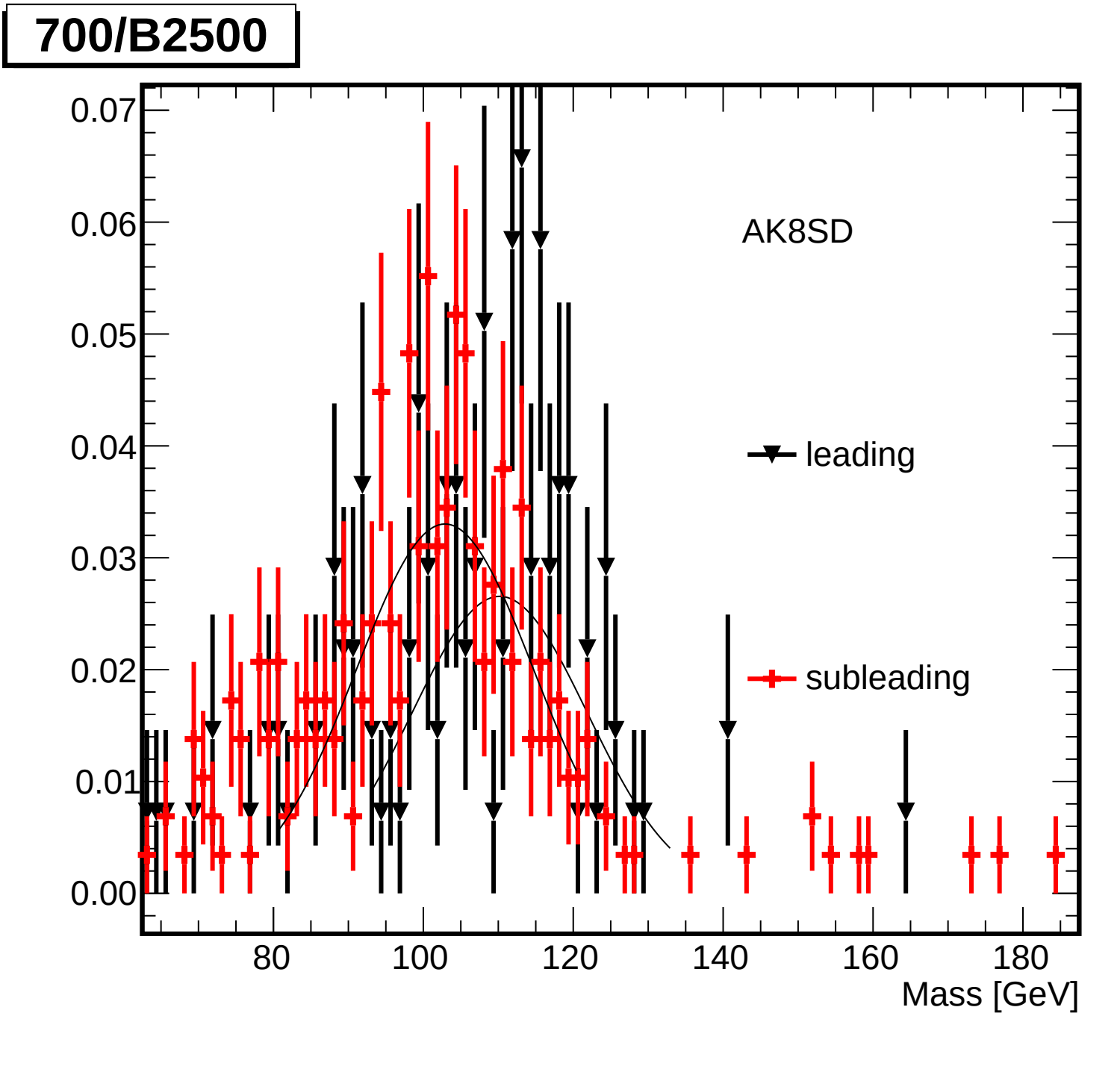

700/B2500, both jets
PR
Mean = -0.148
Sigma = 0.083
PRCorr
Mean = -0.084
Sigma = 0.087
AK8SD
Mean = -0.178
Sigma = 0.101
AK8SDCorrThea
Mean = -0.098
Sigma = 0.103
AK8SDHCorr
Mean = -0.058
Sigma = 0.092
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

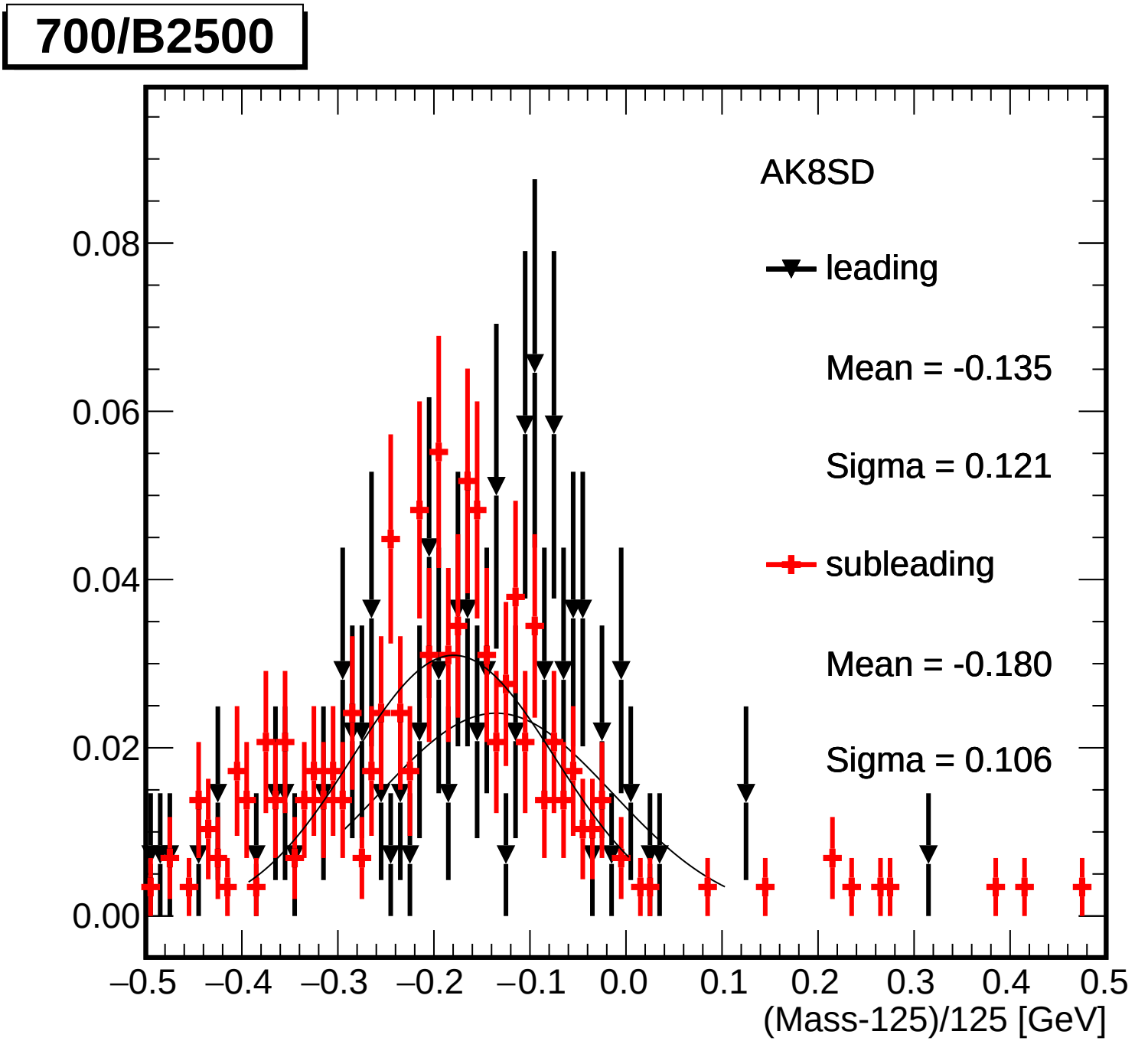

700/B2500
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

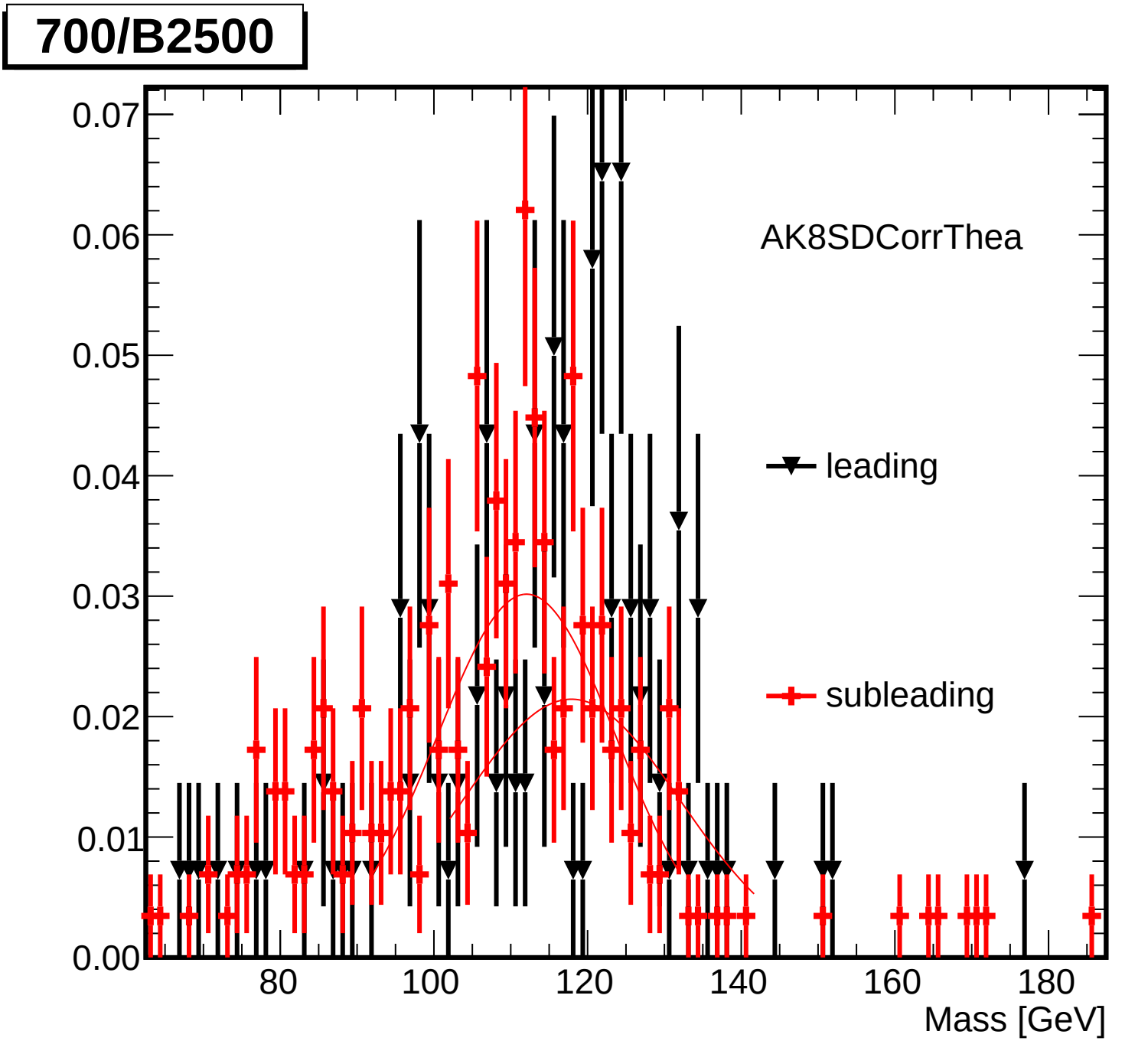

700/B2500
PR
leading
Mean = -0.126
Sigma = 0.108
subleading
Mean = -0.152
Sigma = 0.092
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

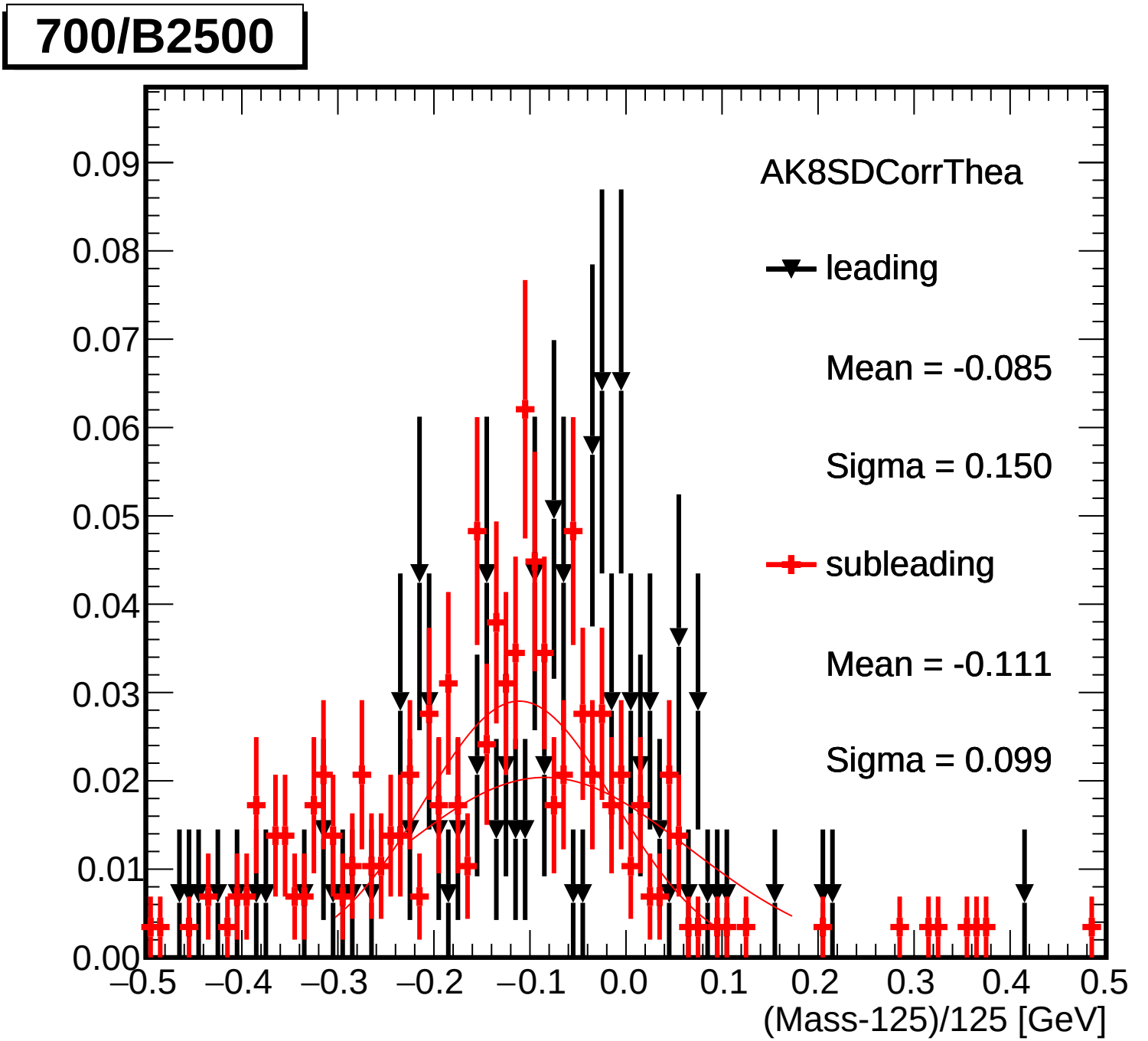

700/B2500
PRCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

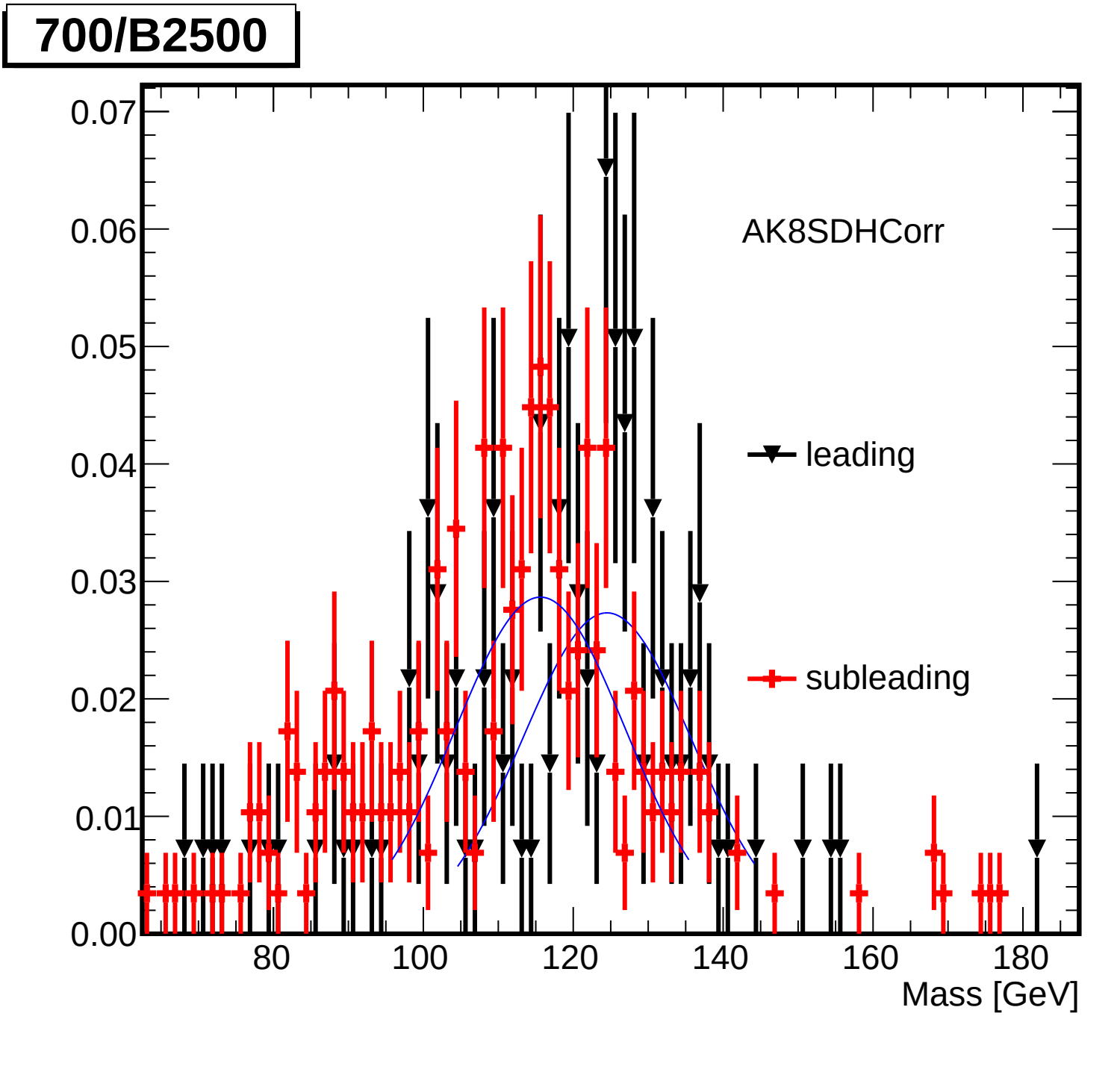

700/B2500
PRCorr
leading
Mean = -0.053
Sigma = 0.107
subleading
Mean = -0.089
Sigma = 0.086
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

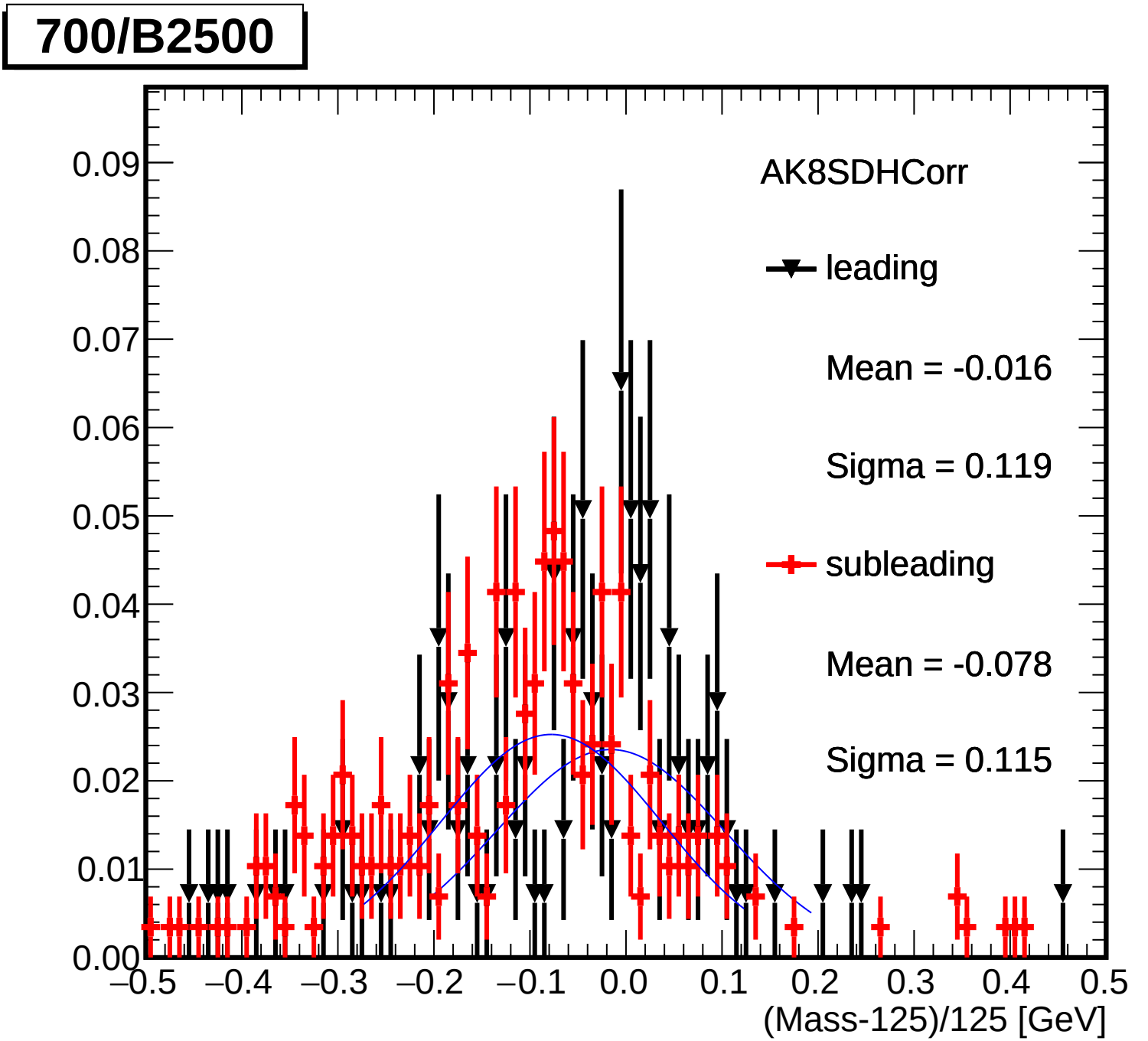

700/B2500
AK8SD
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


700/B2500
AK8SD
leading
Mean = -0.135
Sigma = 0.121
subleading
Mean = -0.180
Sigma = 0.106
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]


700/B2500
AK8SDCorrThea
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


700/B2500
AK8SDCorrThea
leading
Mean = -0.085
Sigma = 0.150
subleading
Mean = -0.111
Sigma = 0.099
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]


700/B2500
AK8SDHCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


700/B2500
AK8SDHCorr
leading
Mean = -0.016
Sigma = 0.119
subleading
Mean = -0.078
Sigma = 0.115
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]