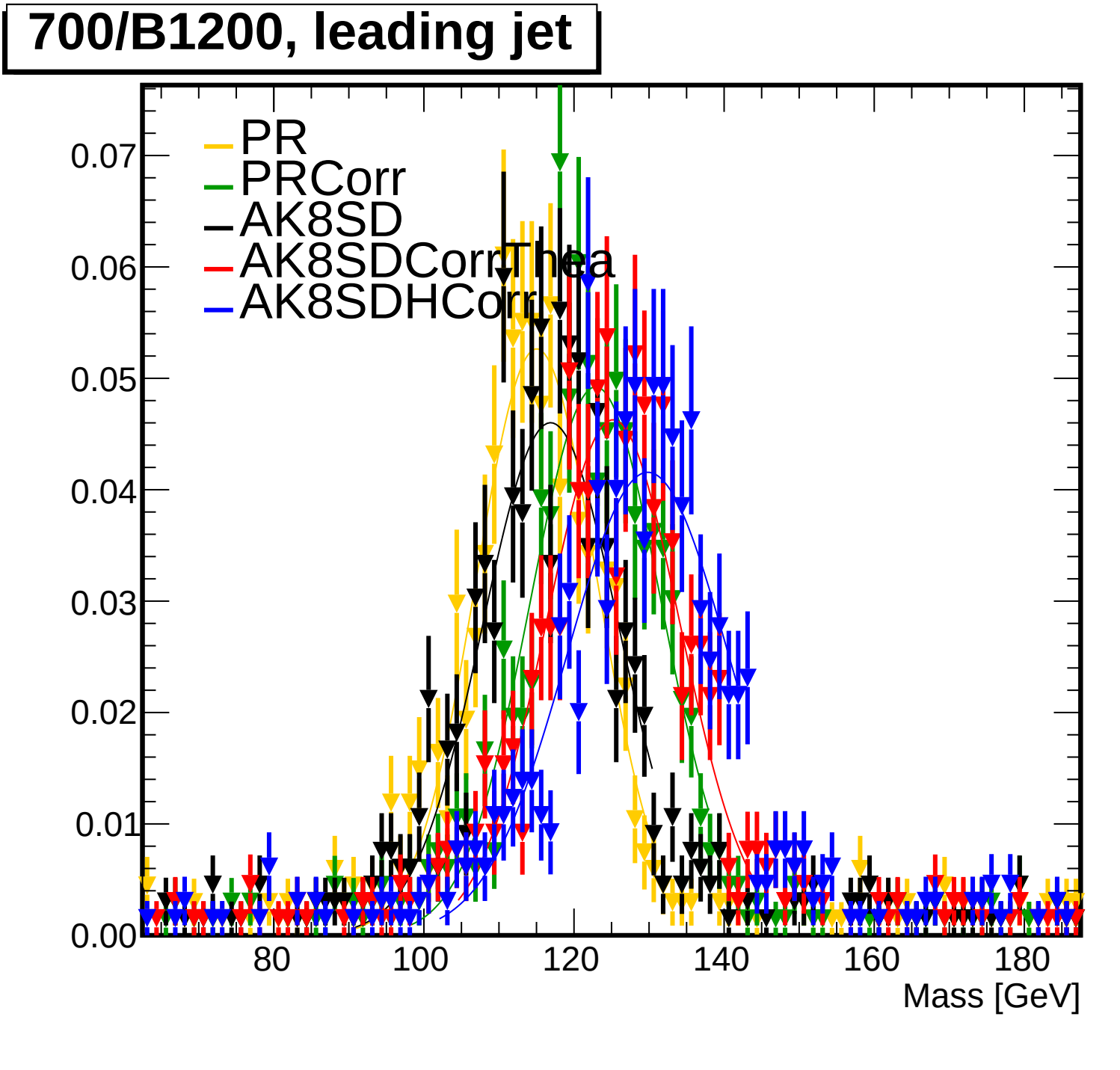
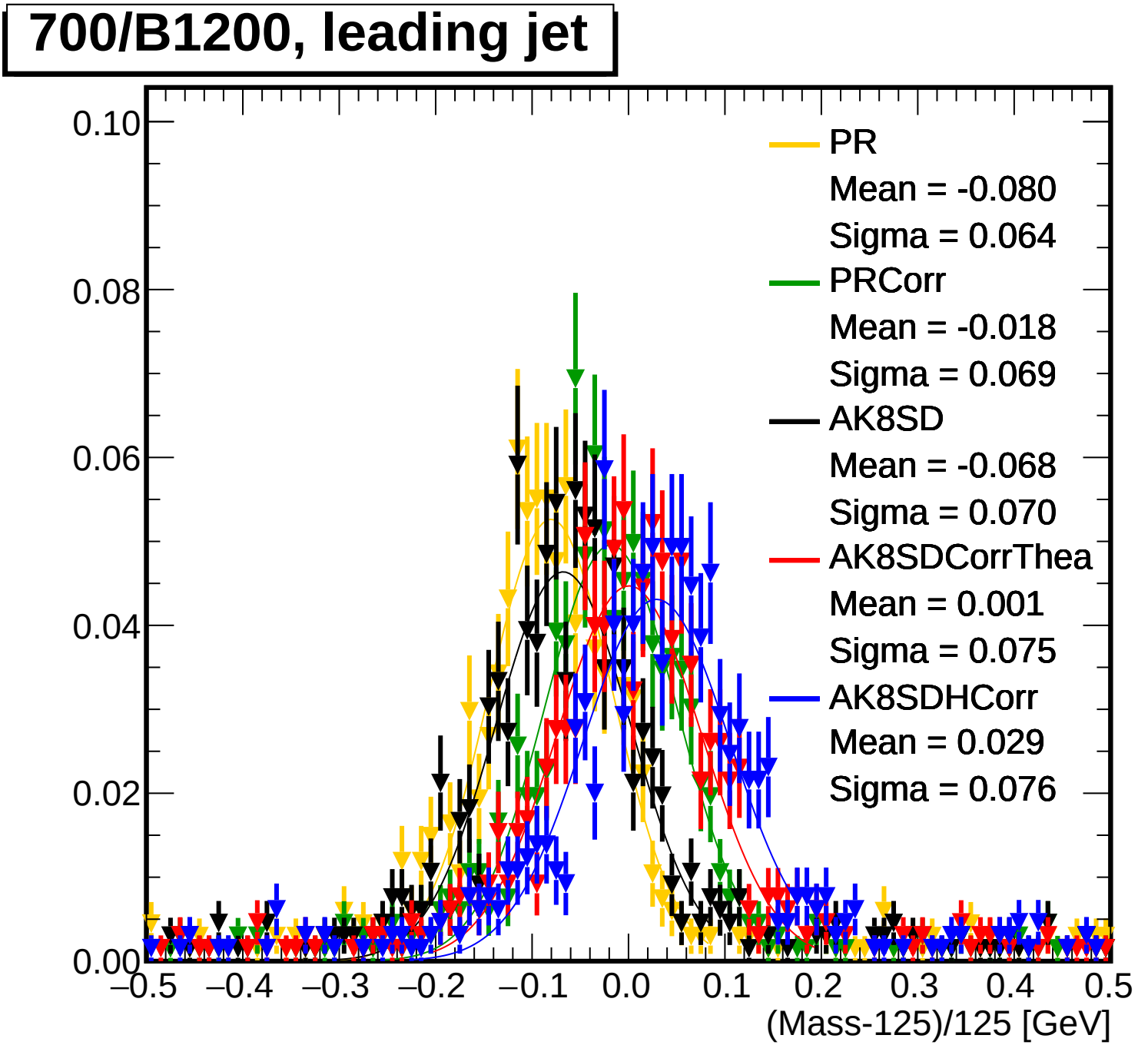
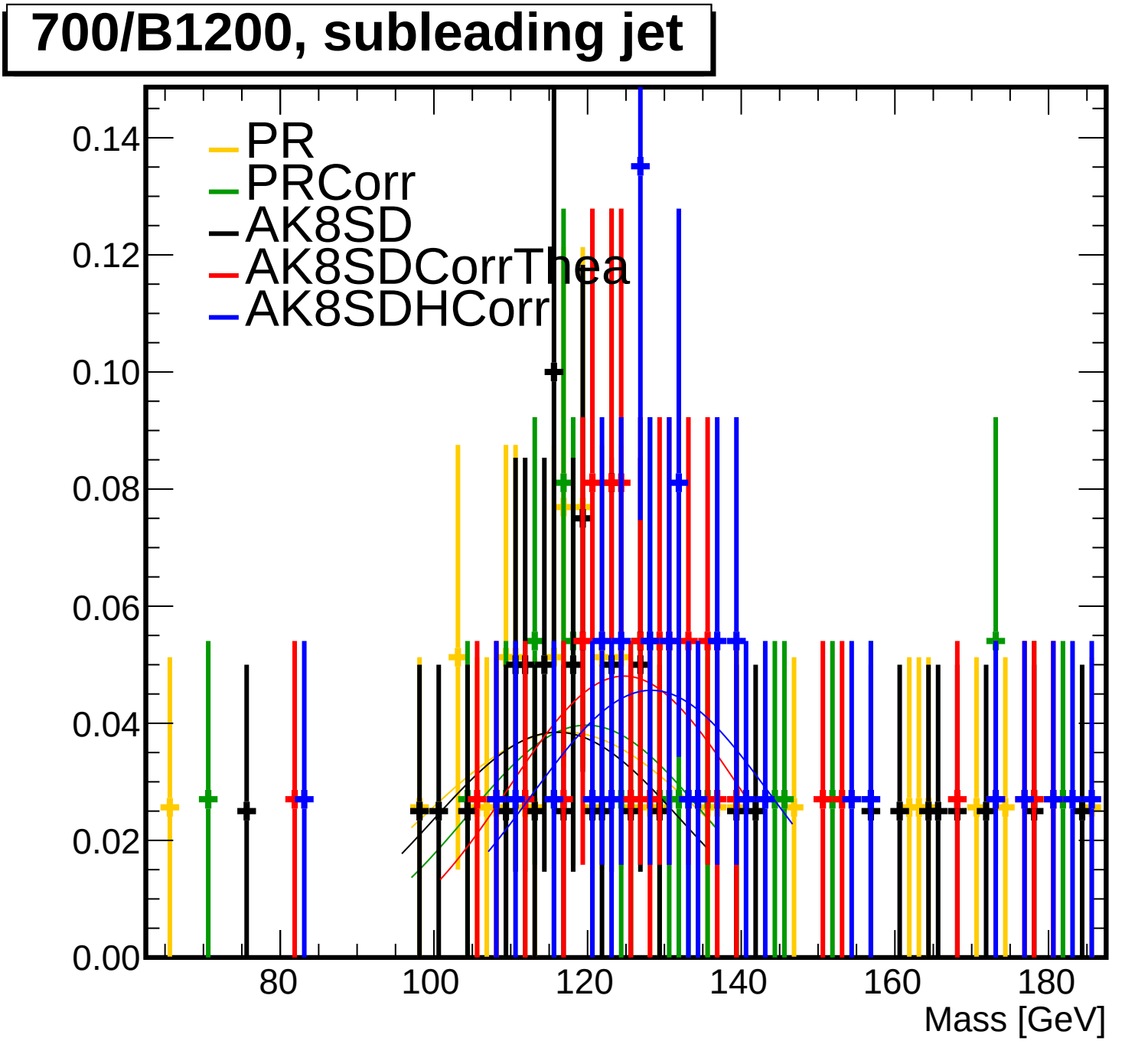
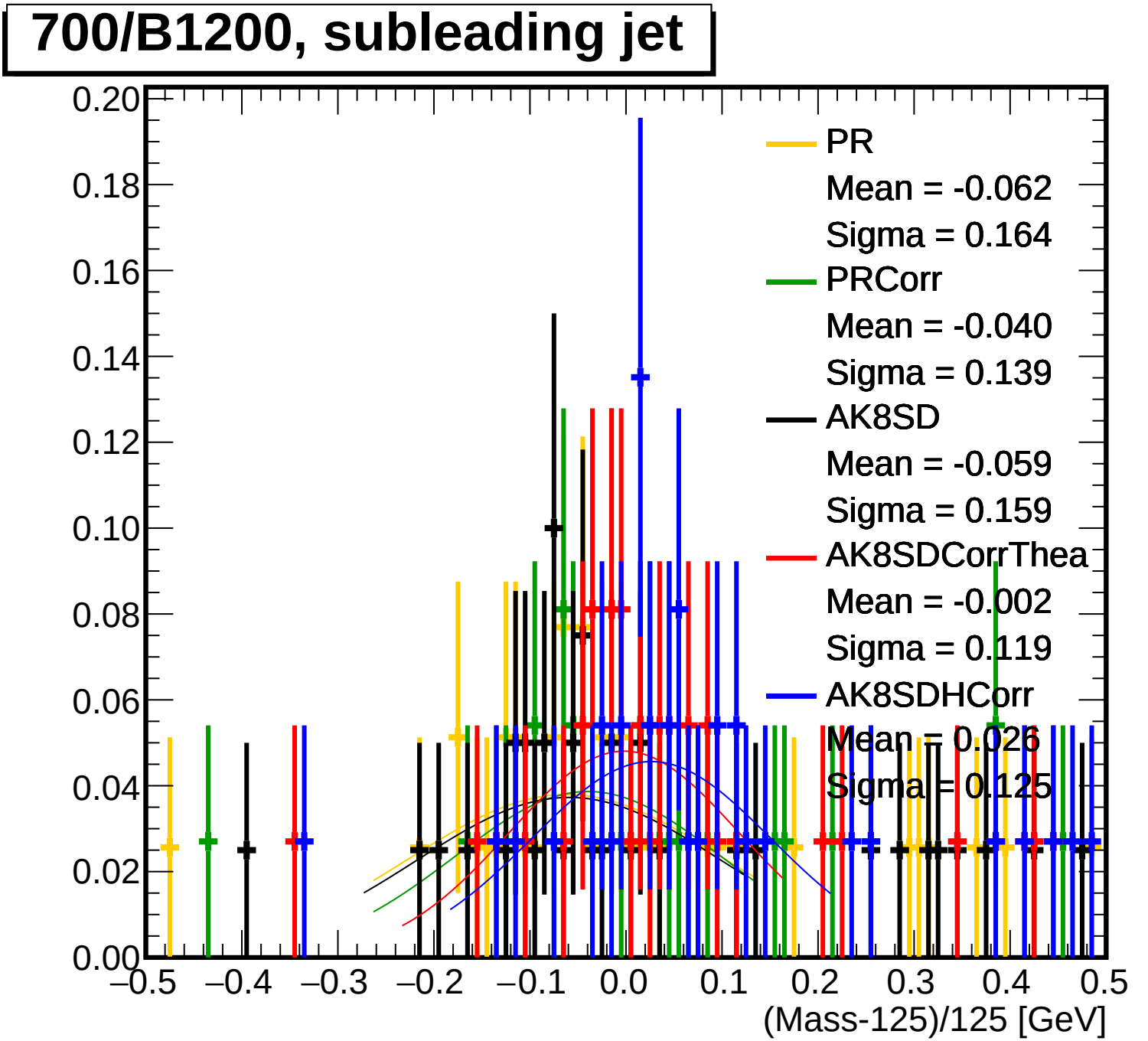
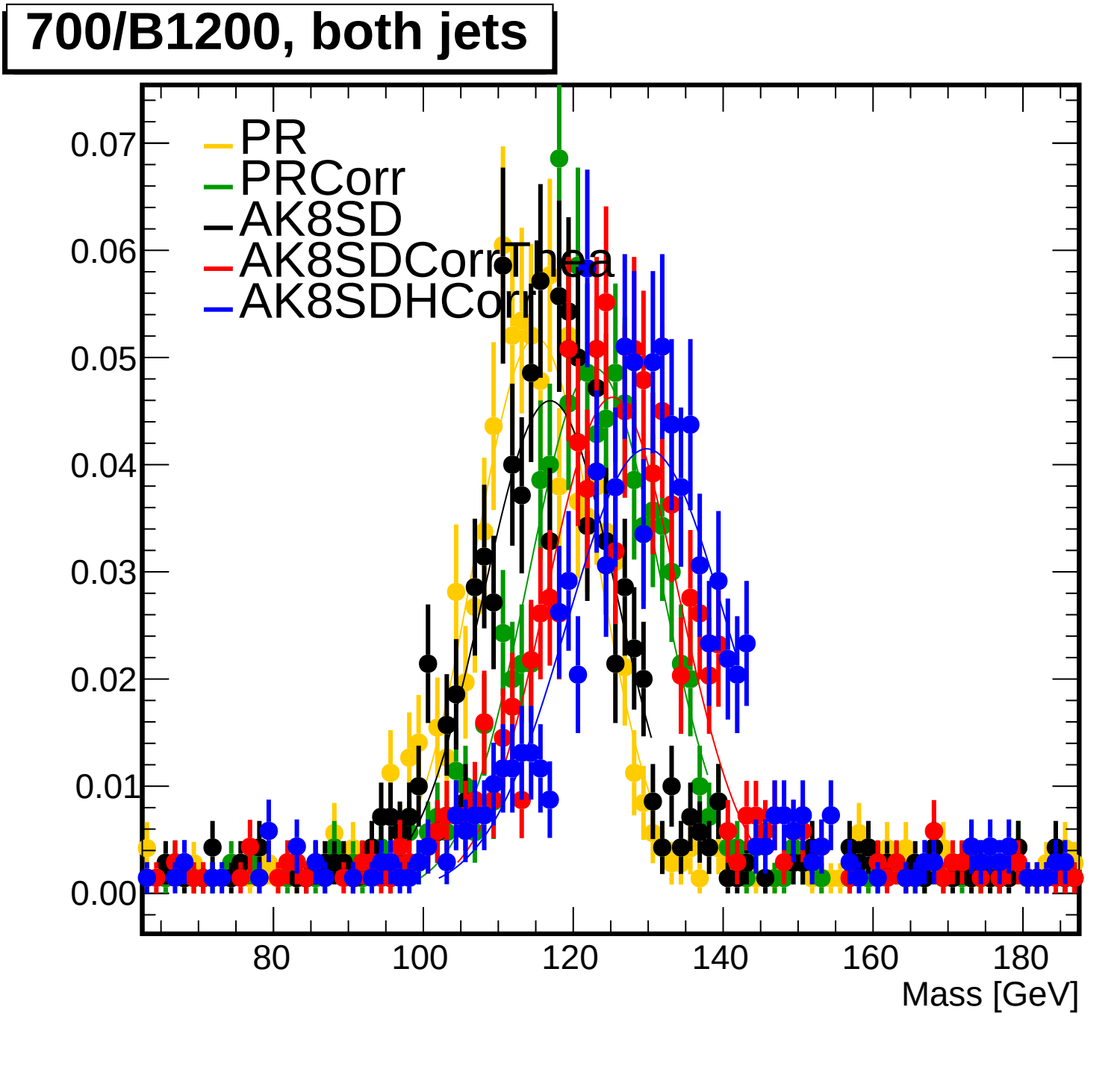
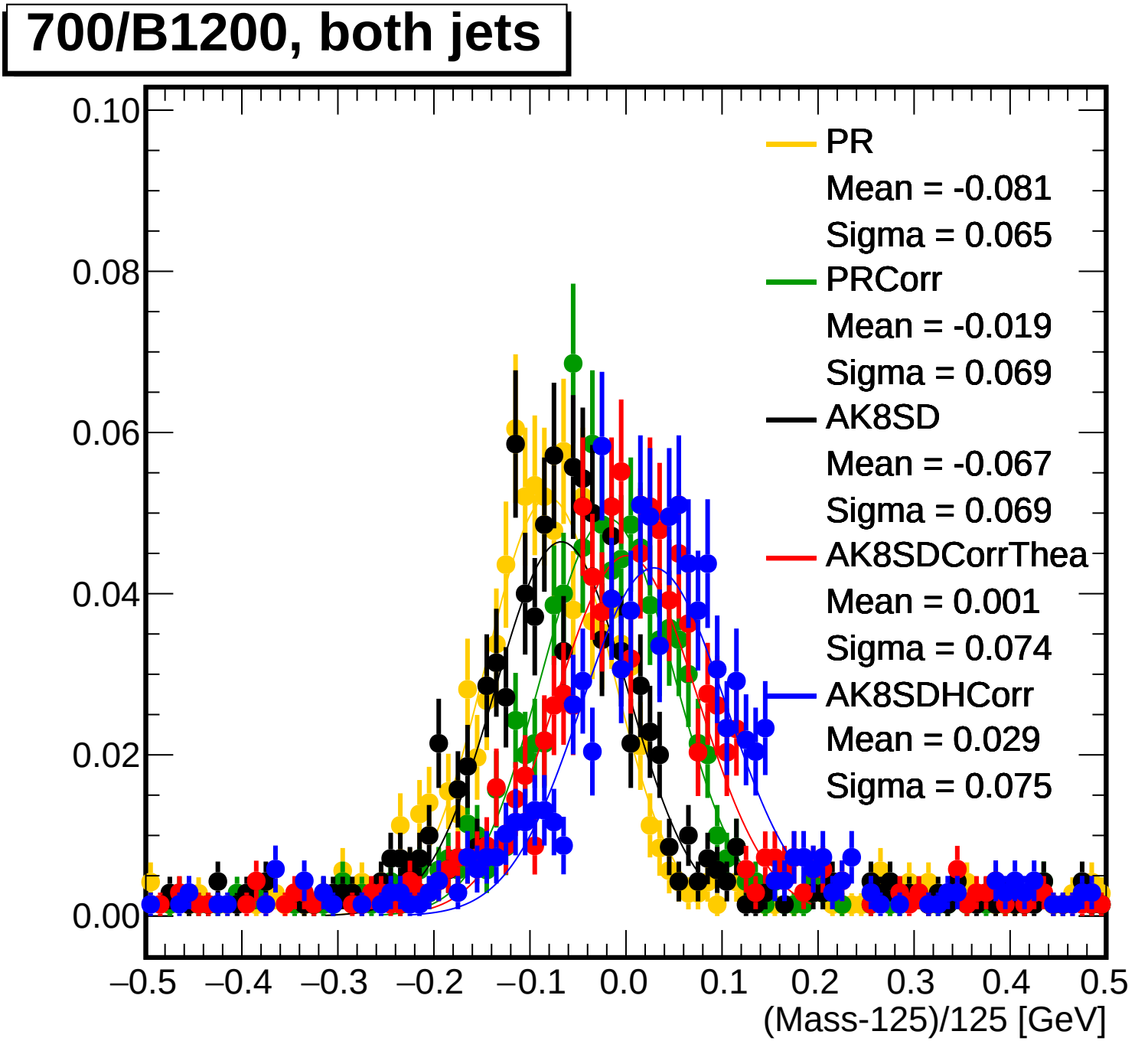

700/B1200, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

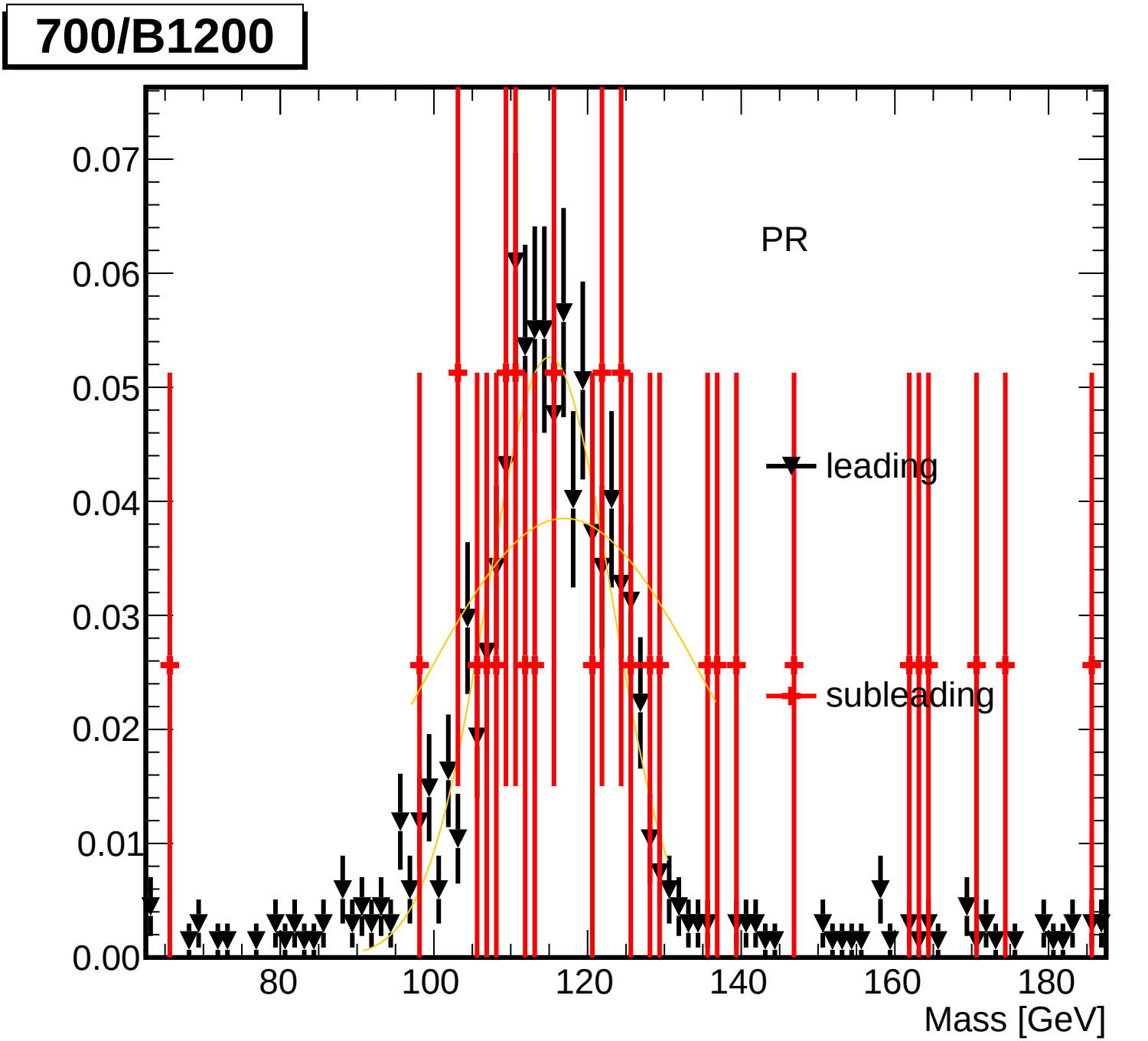

700/B1200, leading jet
PR
Mean = -0.080
Sigma = 0.064
PRCorr
Mean = -0.018
Sigma = 0.069
AK8SD
Mean = -0.068
Sigma = 0.070
AK8SDCorrThea
Mean = 0.001
Sigma = 0.075
AK8SDHCorr
Mean = 0.029
Sigma = 0.076
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

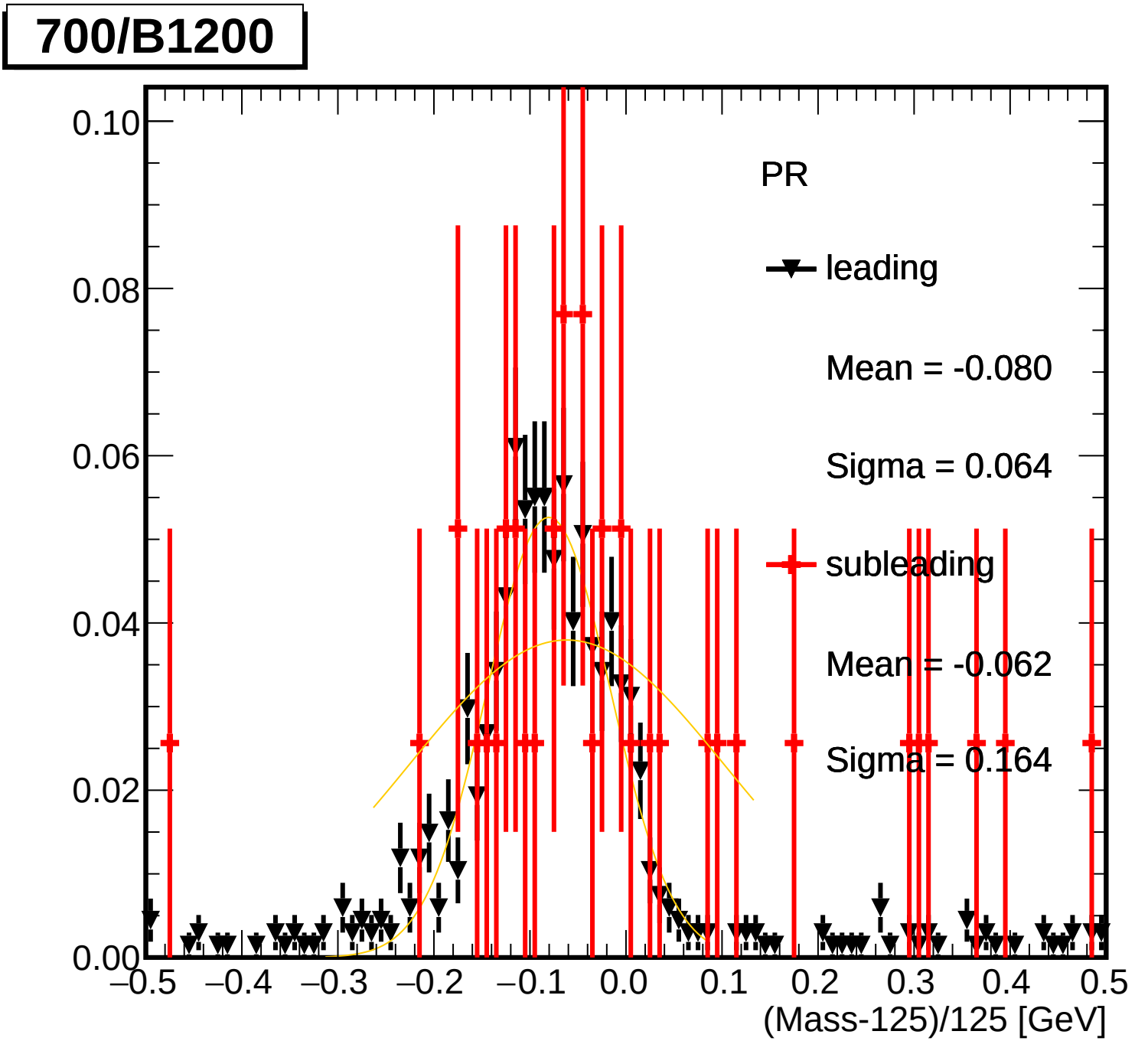

700/B1200, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

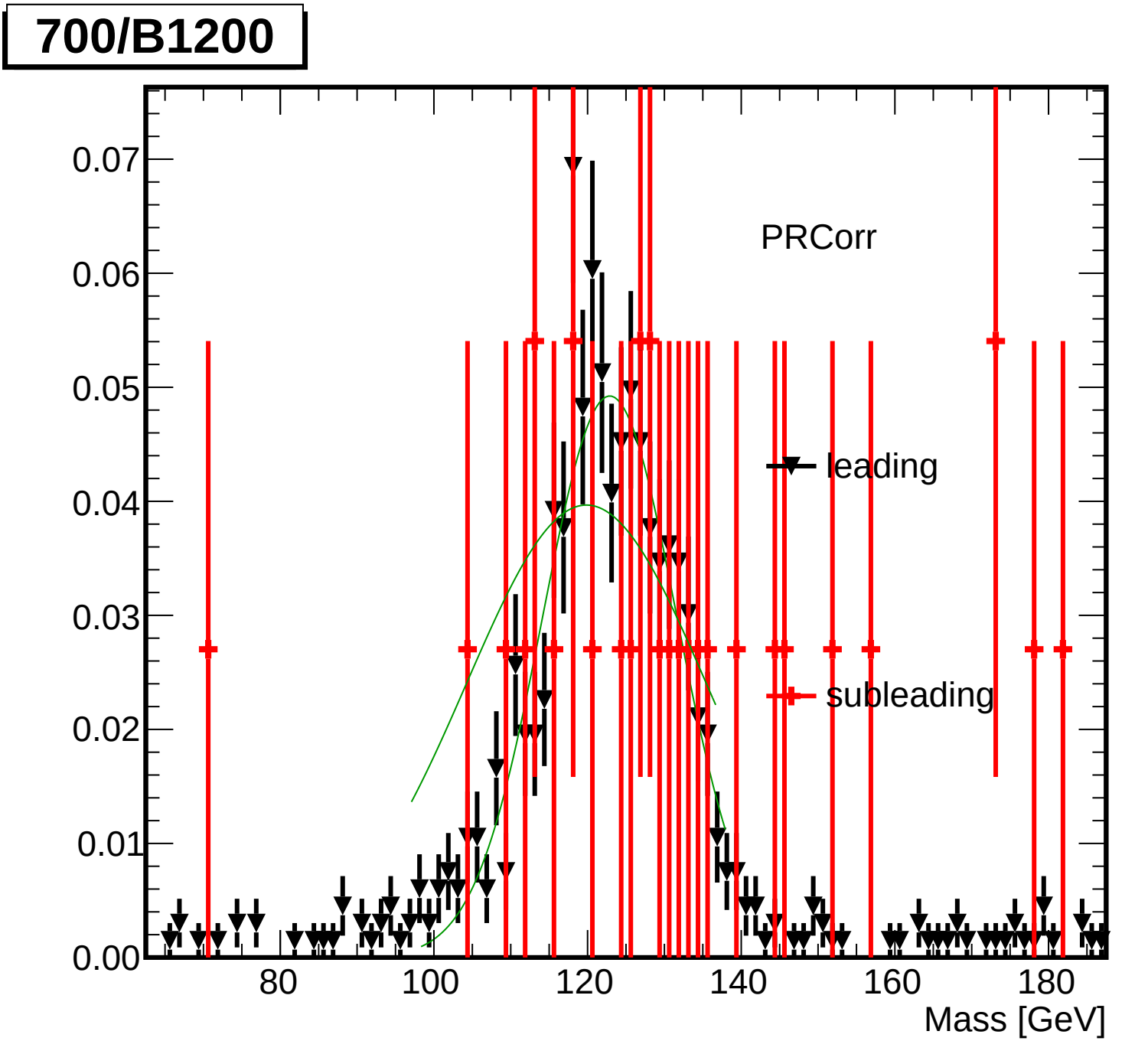

700/B1200, subleading jet
PR
Mean = -0.062
Sigma = 0.164
PRCorr
Mean = -0.040
Sigma = 0.139
AK8SD
Mean = -0.059
Sigma = 0.159
AK8SDCorrThea
Mean = -0.002
Sigma = 0.119
AK8SDHCorr
Mean = 0.026
Sigma = 0.125
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

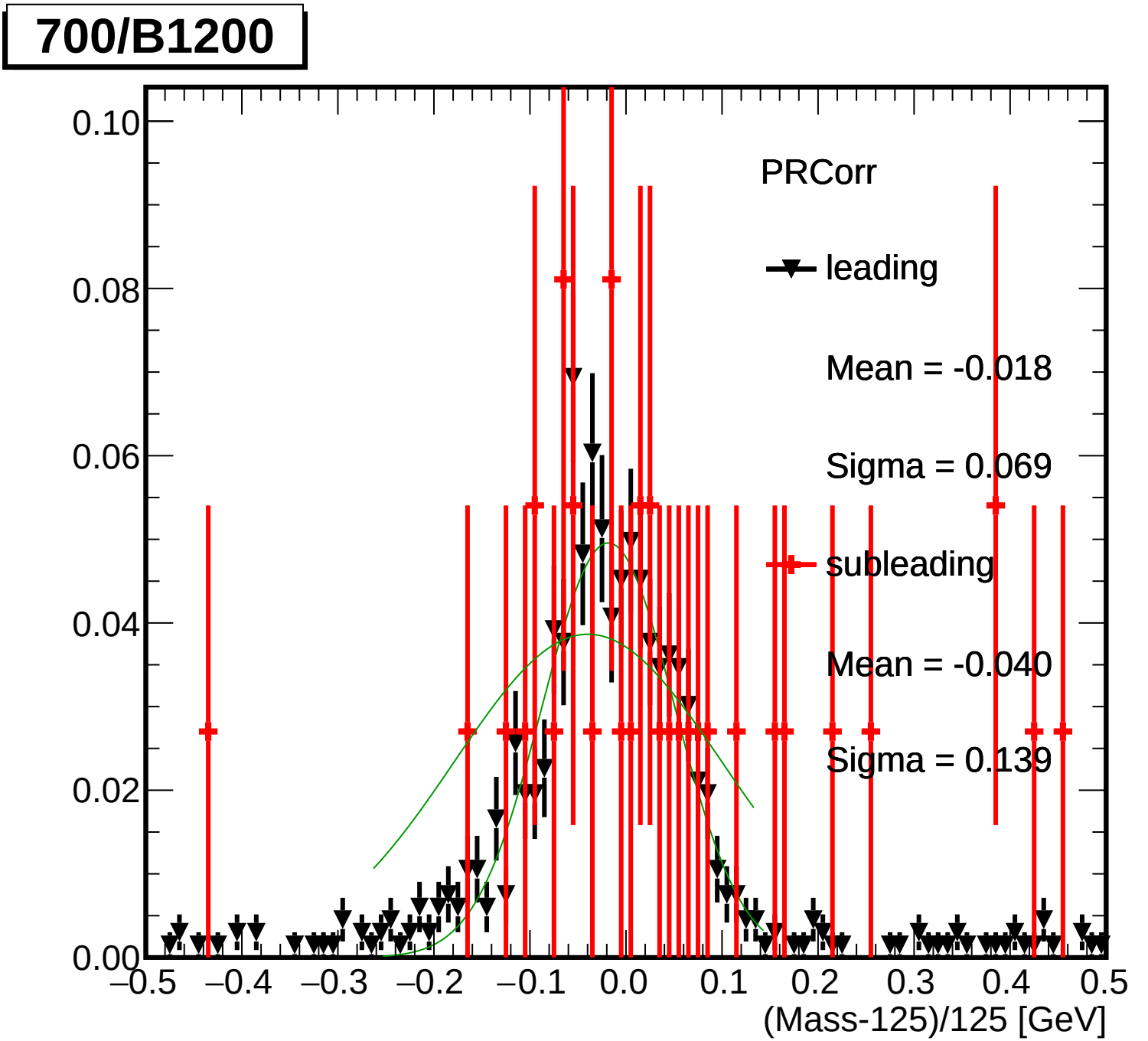

700/B1200, both jets
PR
PRCorr
AK8SD
AK8SDCorrTnea
AK8SDHCorrT
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

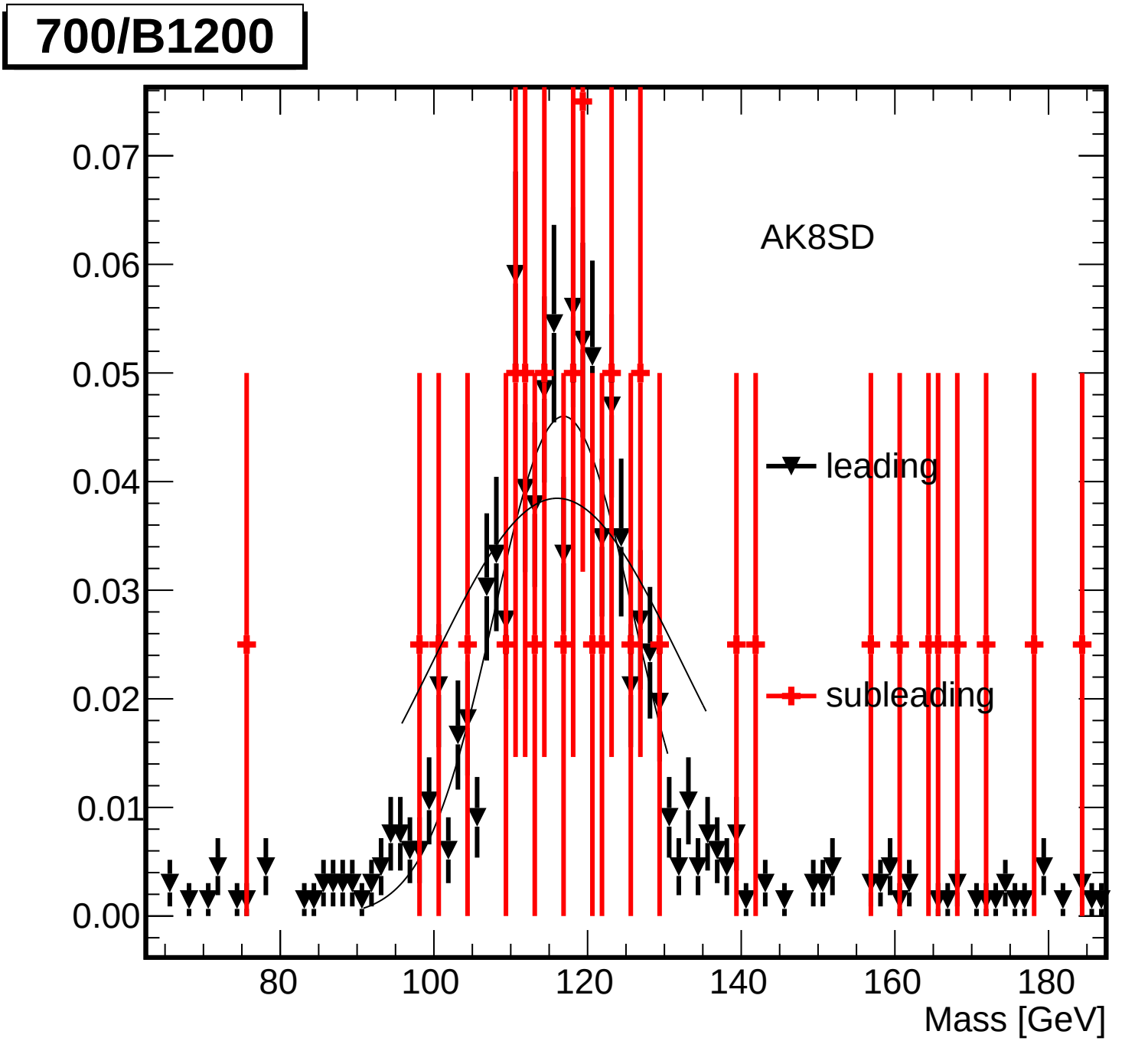

700/B1200, both jets
PR
Mean = -0.081
Sigma = 0.065
PRCorr
Mean = -0.019
Sigma = 0.069
AK8SD
Mean = -0.067
Sigma = 0.069
AK8SDCorrThea
Mean = 0.001
Sigma = 0.074
AK8SDHCorr
Mean = 0.029
Sigma = 0.075
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

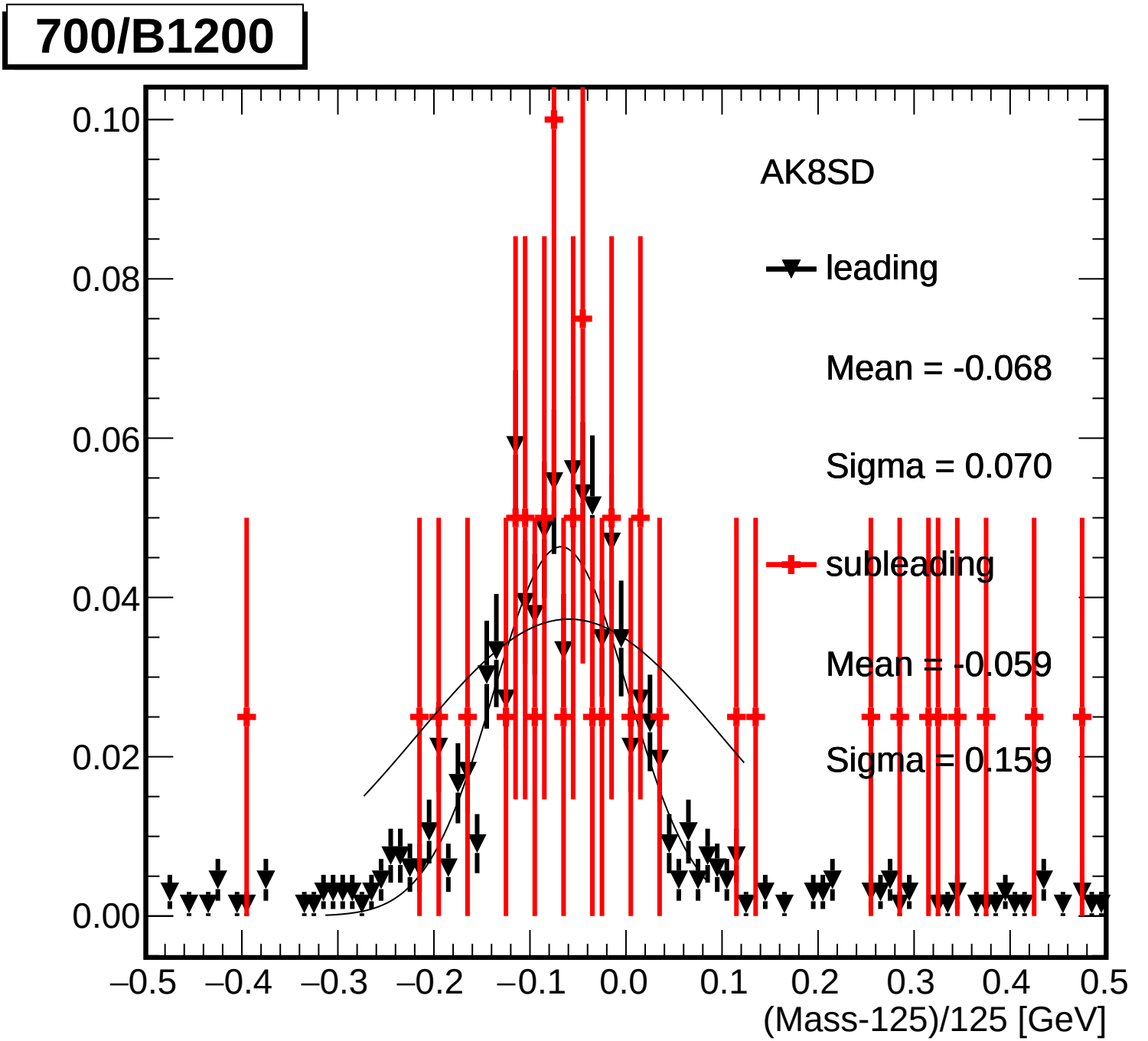

700/B1200
PR
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

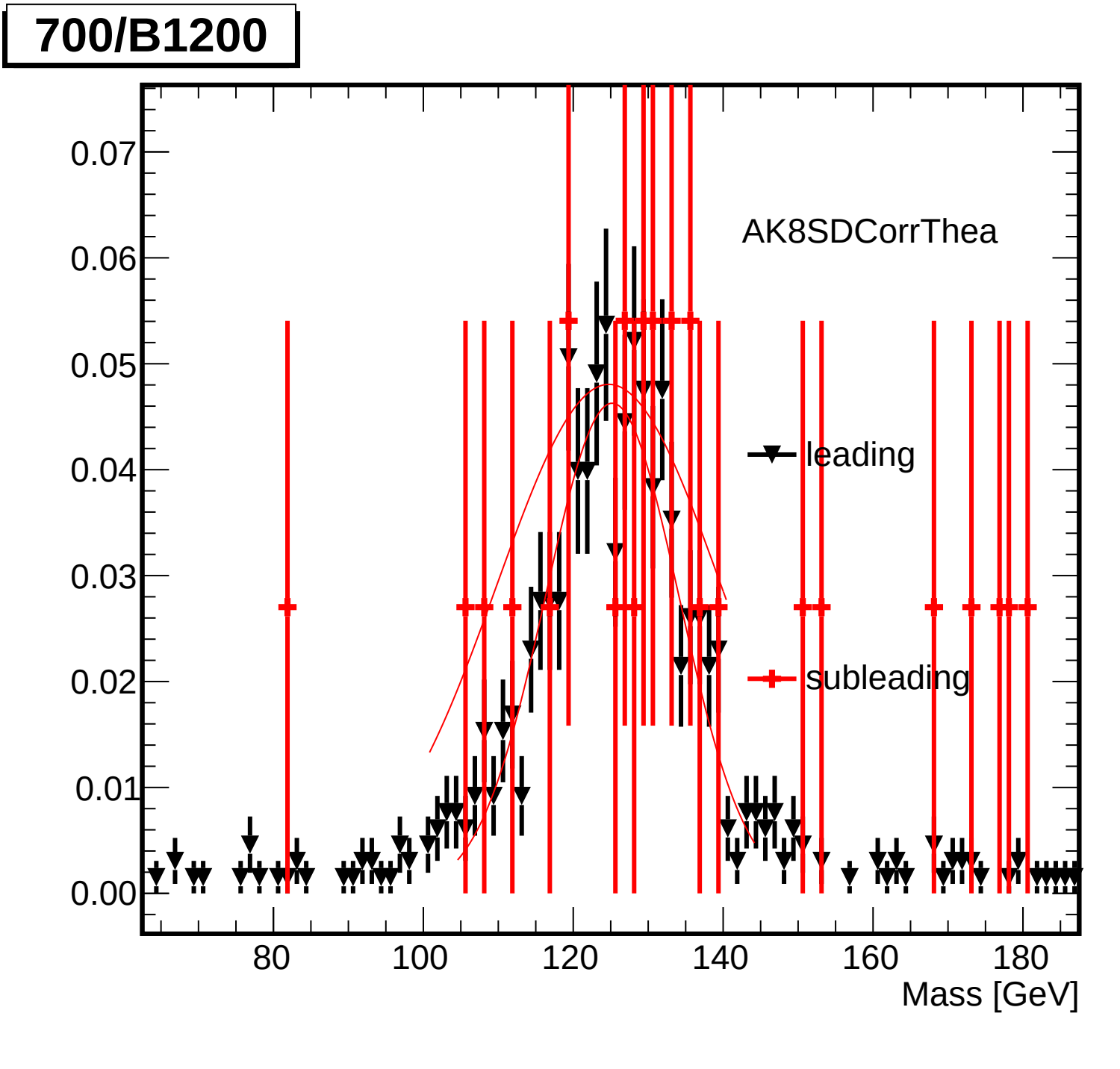

700/B1200
PR
leading
Mean = -0.080
Sigma = 0.064
subleading
Mean = -0.062
Sigma = 0.164
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

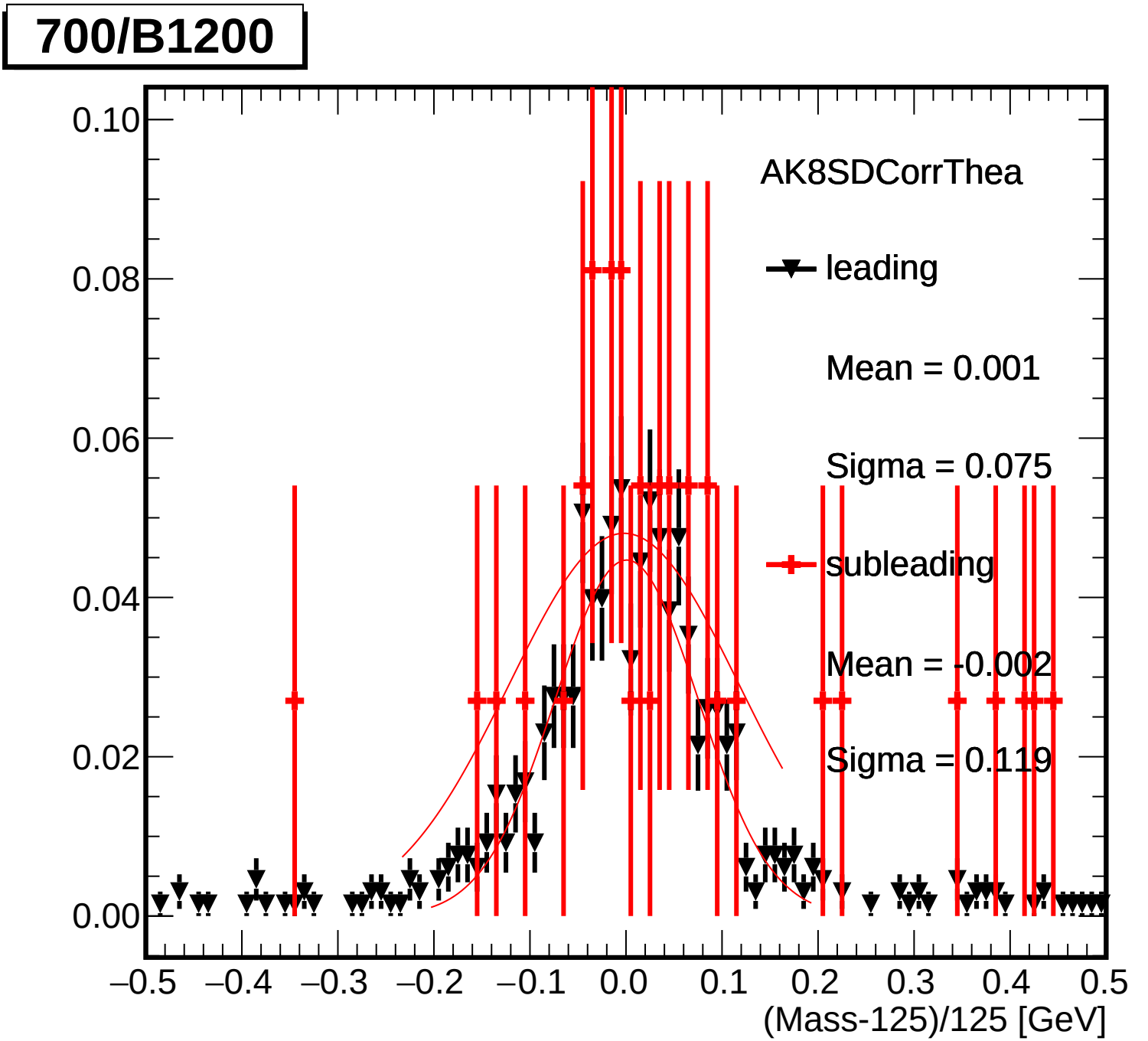

700/B1200
PRCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

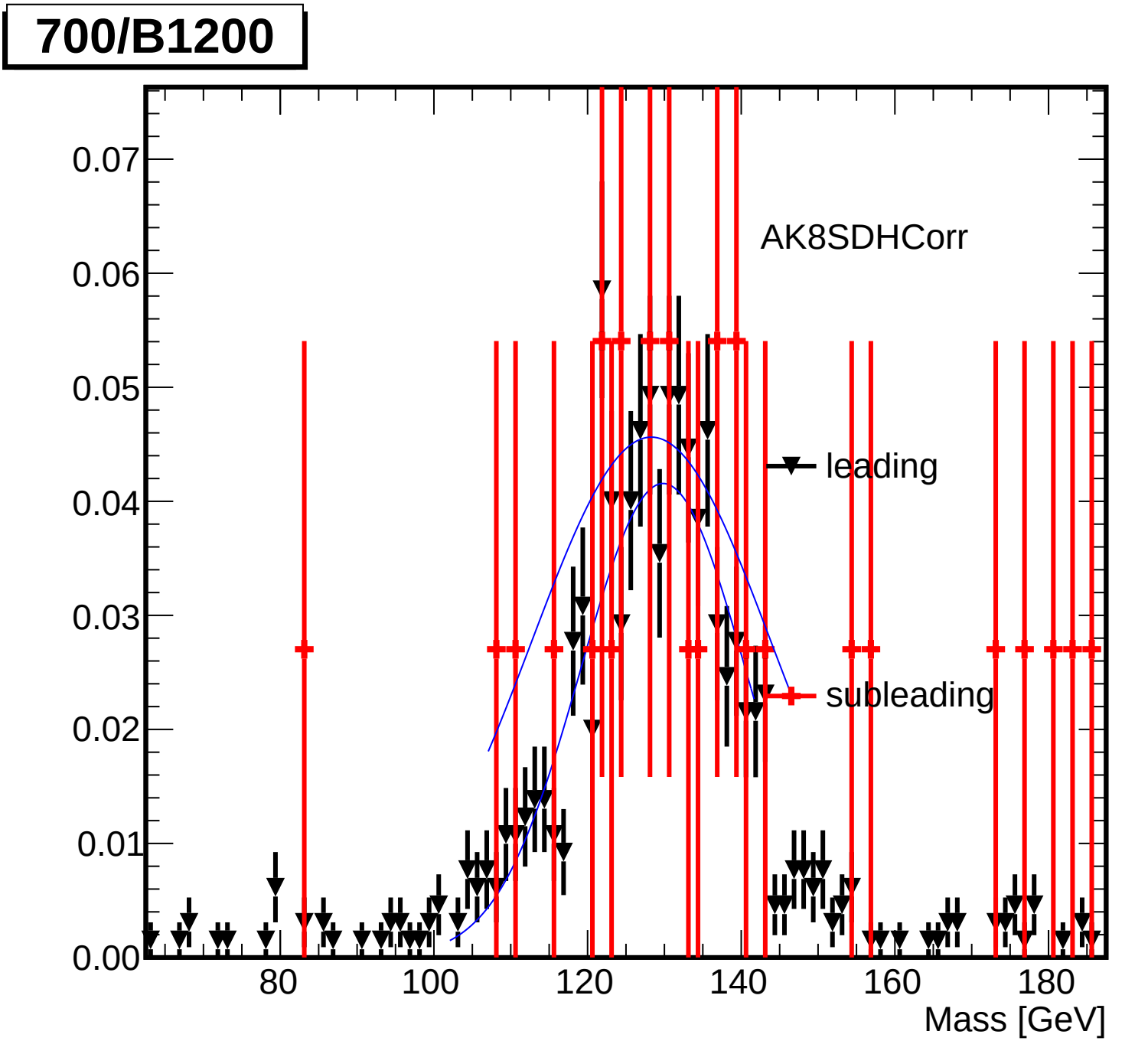

700/B1200
PRCorr
leading
Mean = -0.018
Sigma = 0.069
subleading
Mean = -0.040
Sigma = 0.139
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

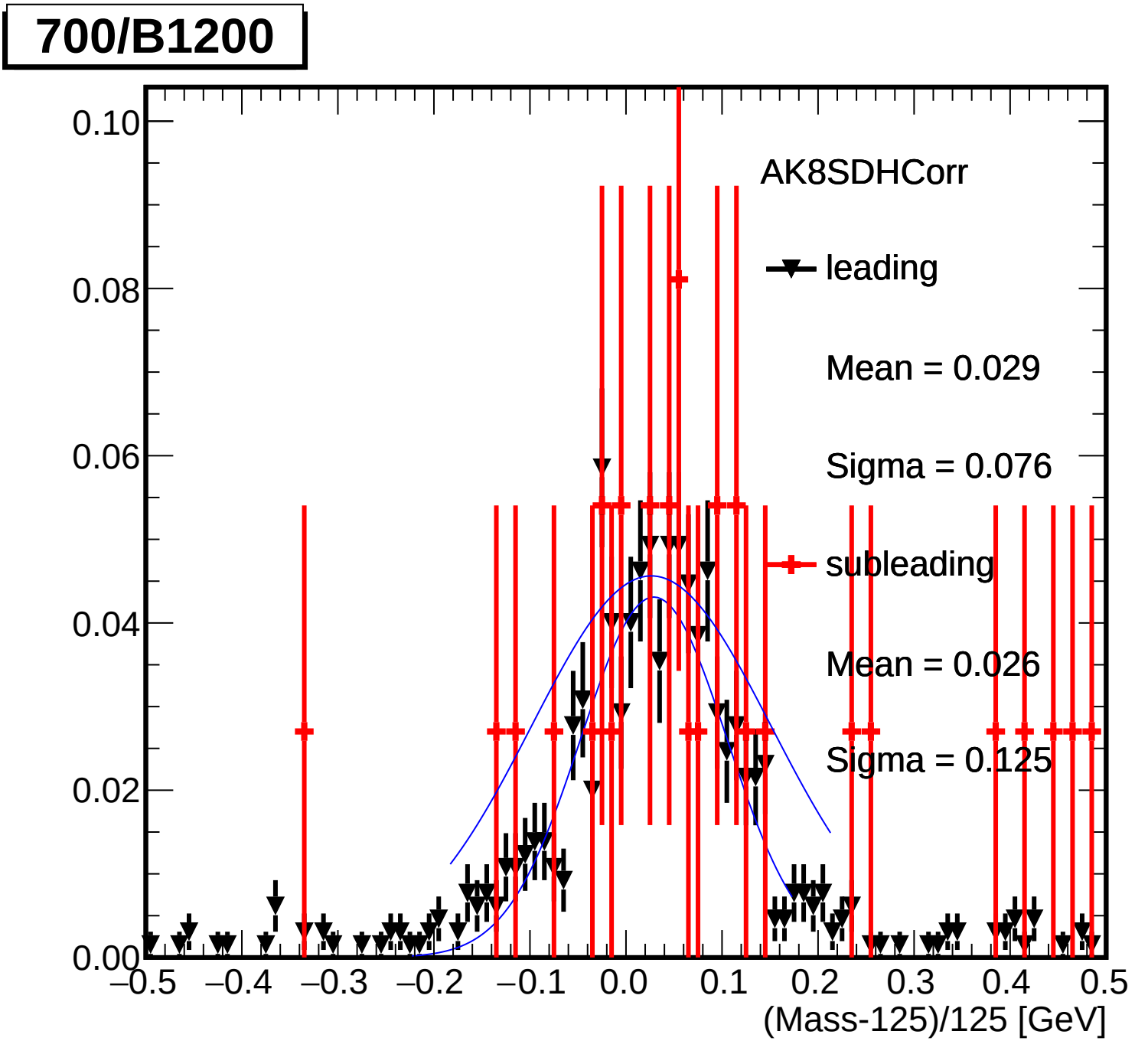

700/B1200
AK8SD
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


700/B1200
AK8SD
leading
Mean = -0.068
Sigma = 0.070
subleading
Mean = -0.059
Sigma = 0.159
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/B1200
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/B1200
AK8SDCorrThea
leading
Mean = 0.001
Sigma = 0.075
subleading
Mean = -0.002
Sigma = 0.119
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/B1200
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/B1200
AK8SDHCorr
leading
Mean = 0.029
Sigma = 0.076
subleading
Mean = 0.026
Sigma = 0.125
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]