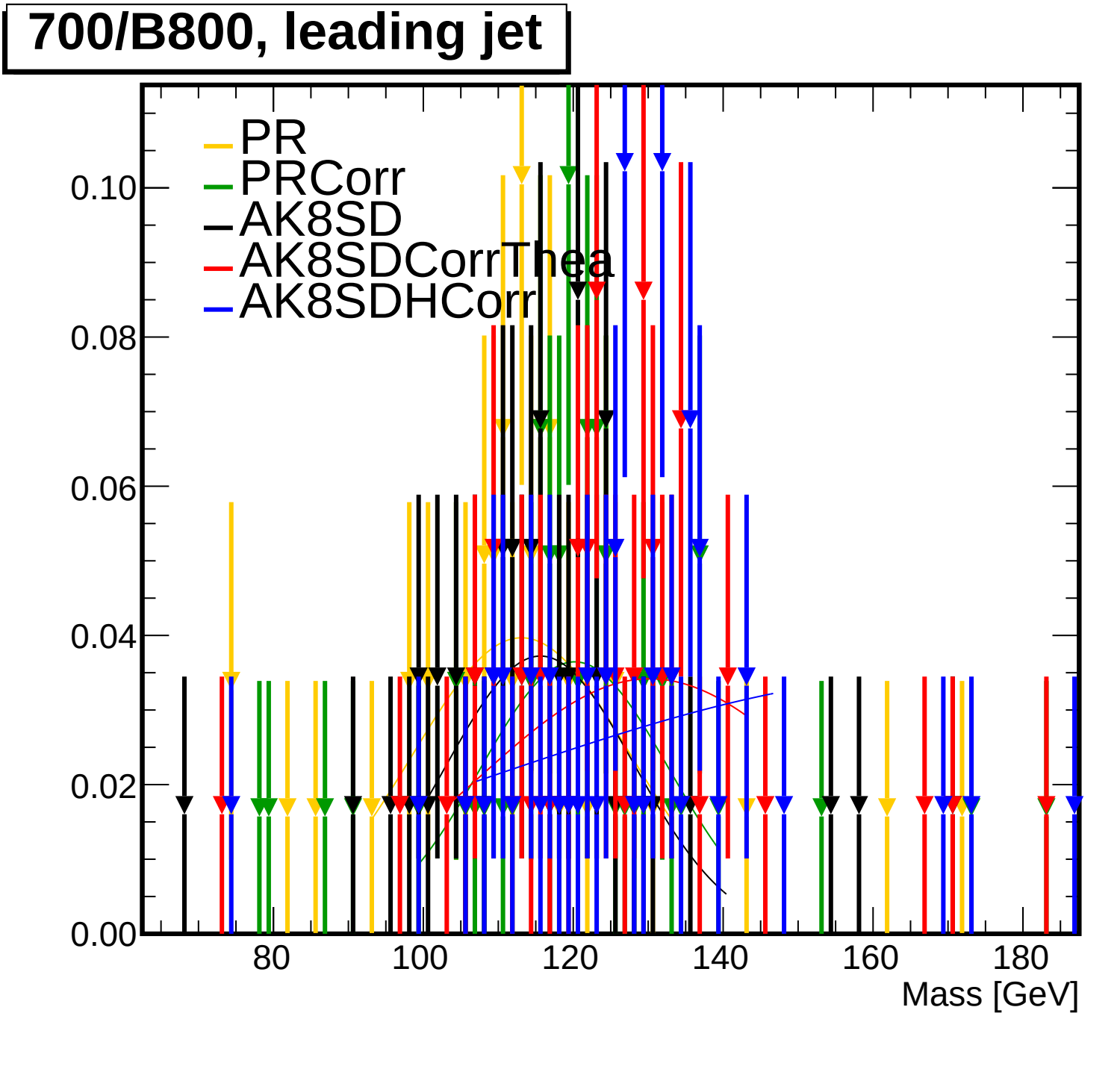
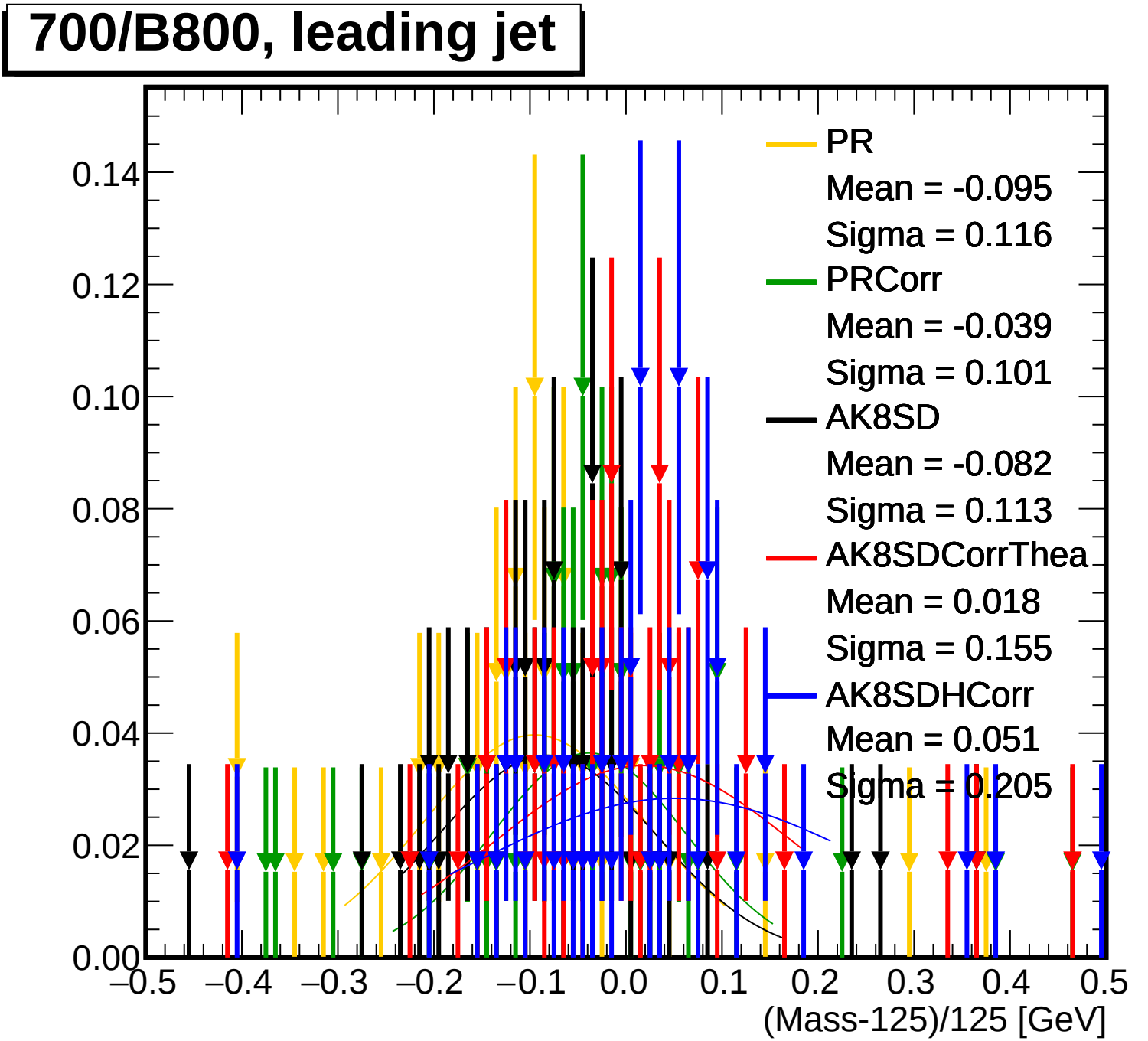
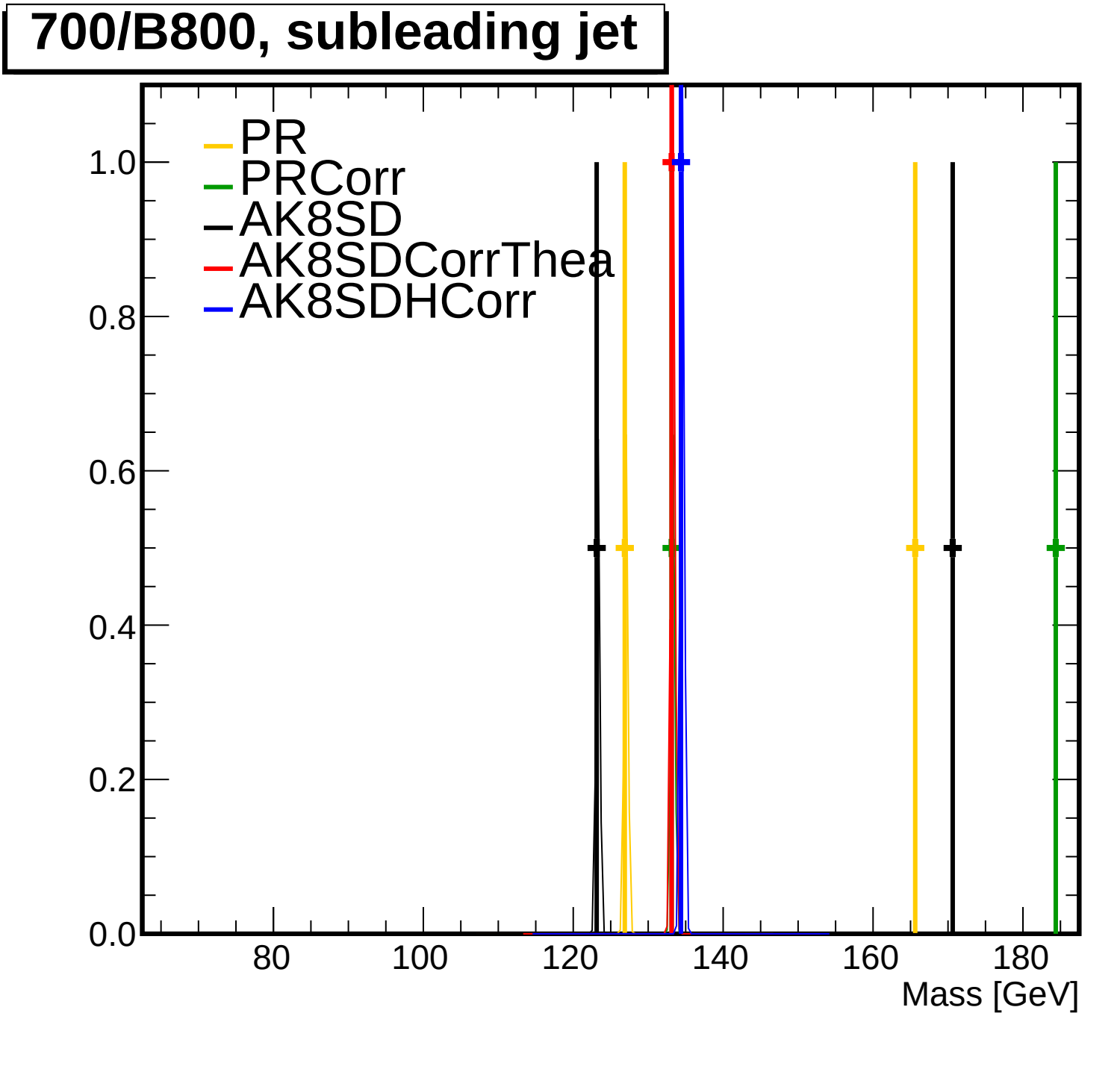
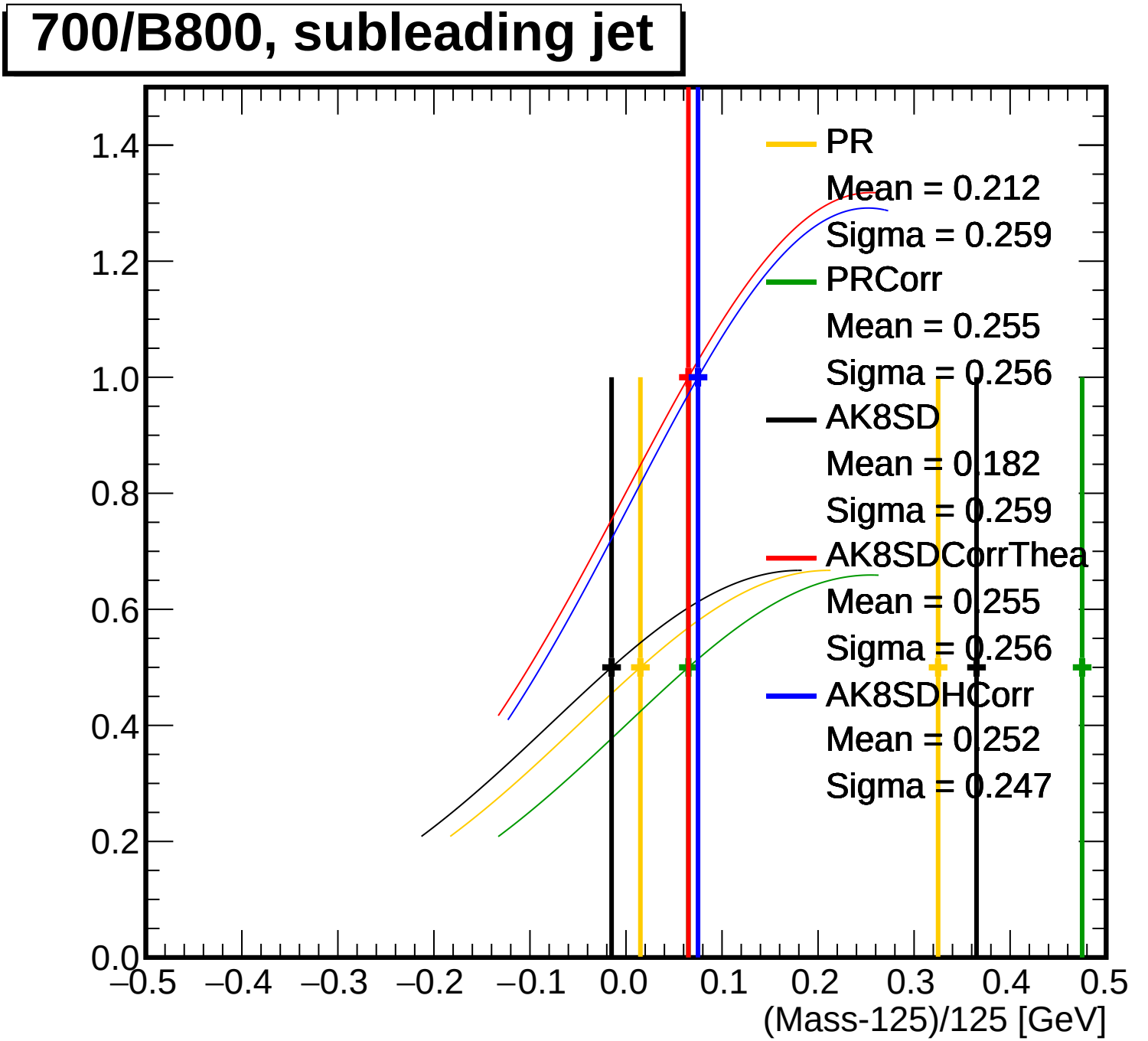
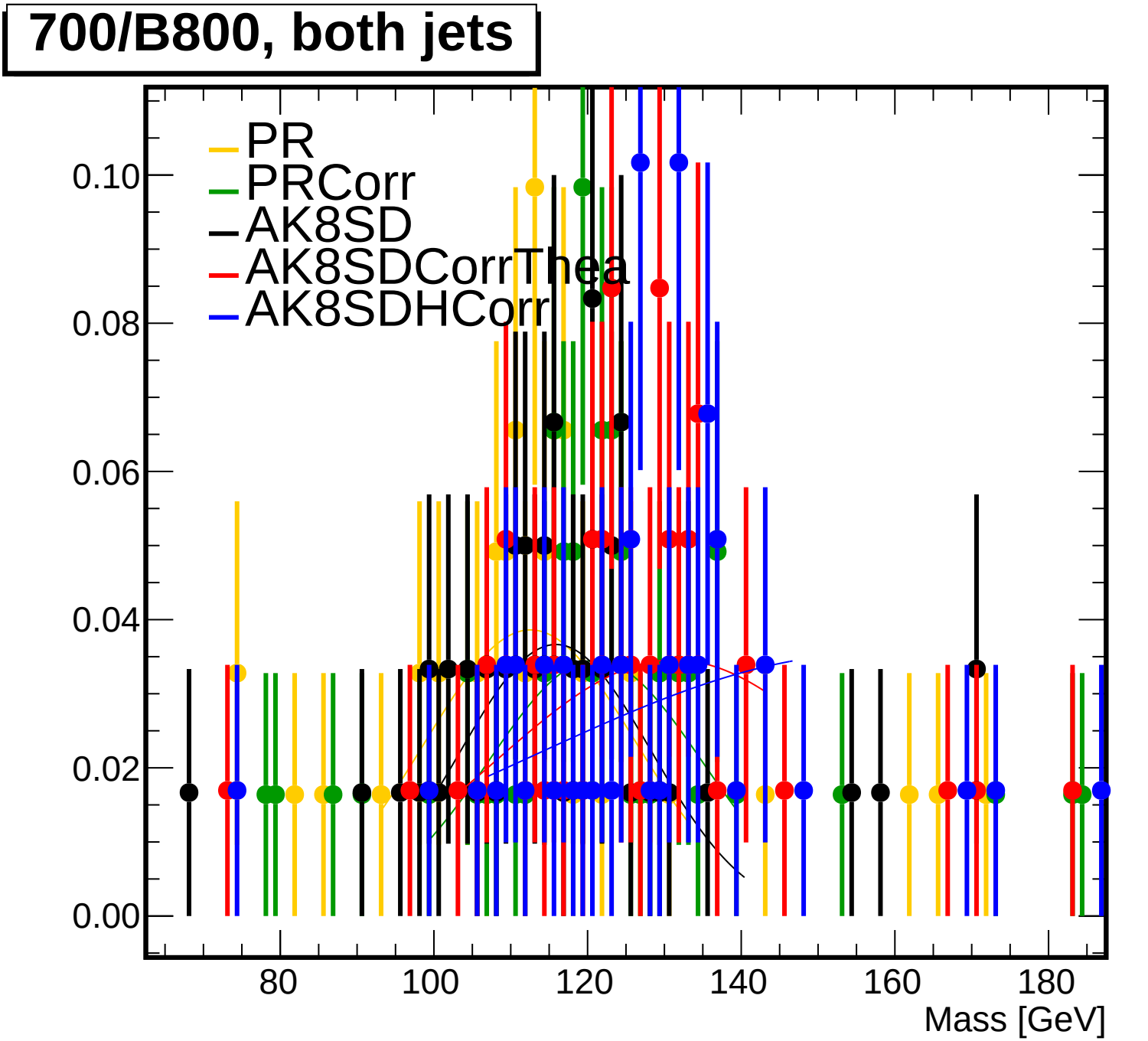
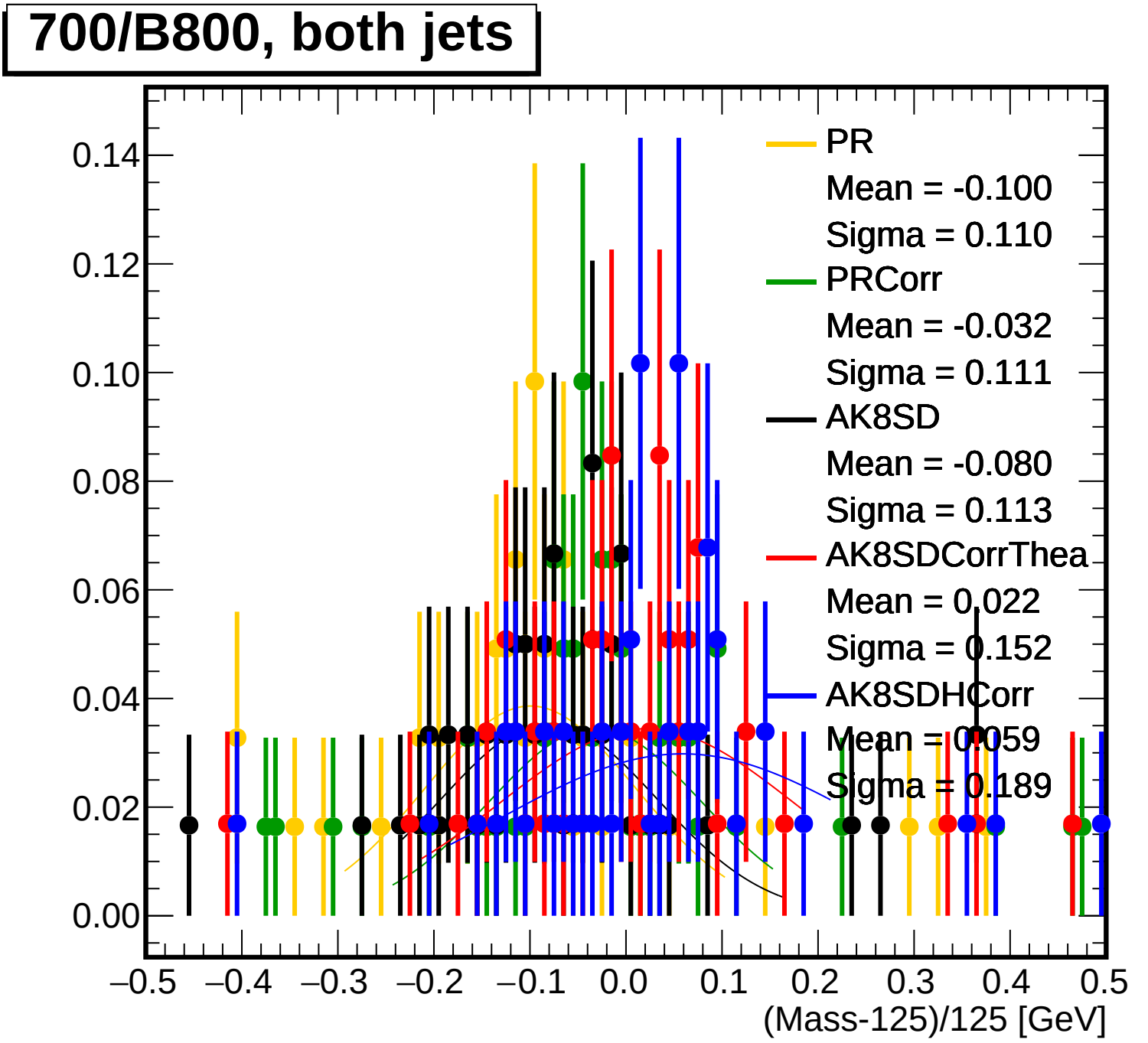

700/B800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

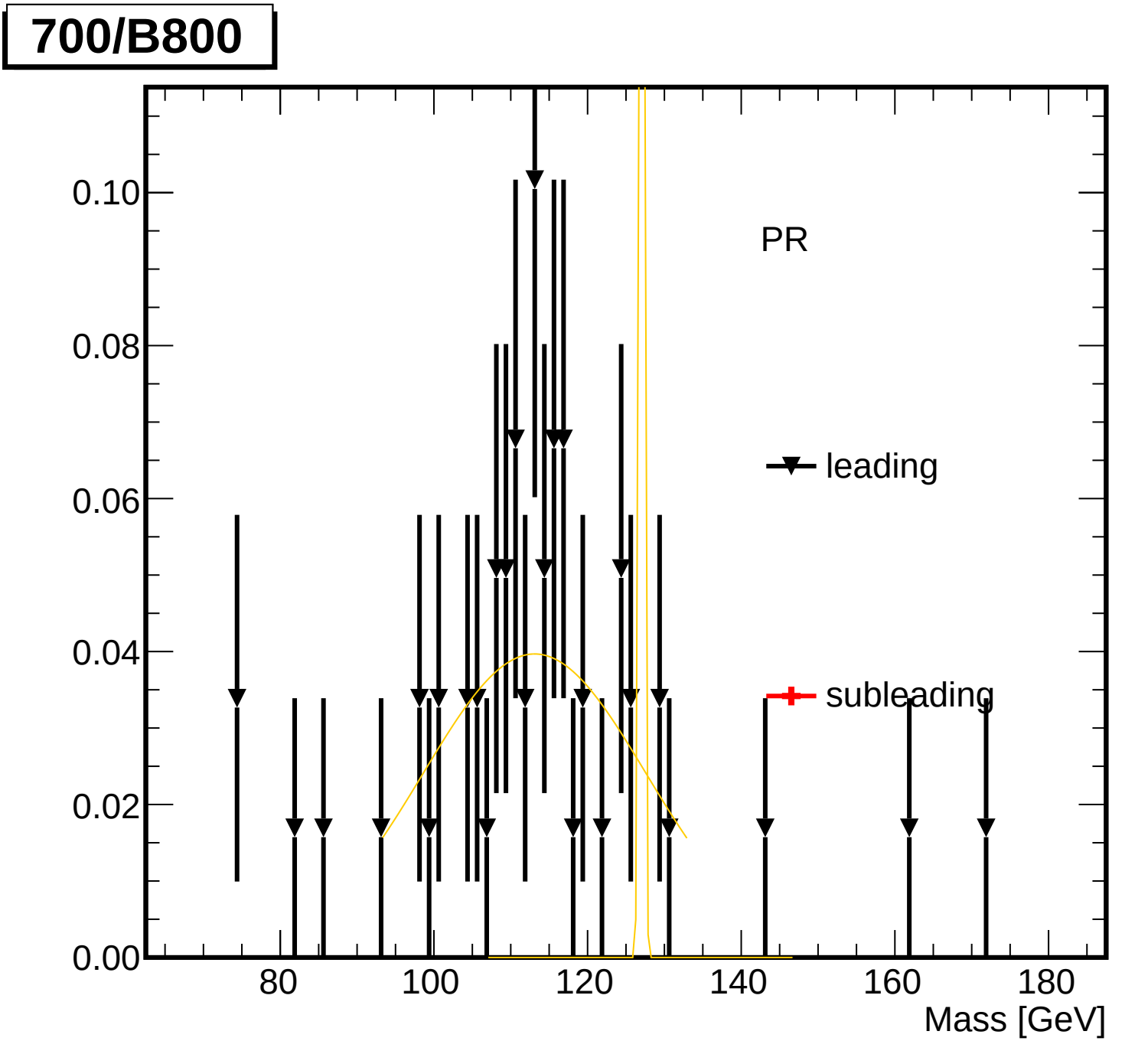

700/B800, leading jet
PR
Mean = -0.095
Sigma = 0.116
PRCorr
Mean = -0.039
Sigma = 0.101
AK8SD
Mean = -0.082
Sigma = 0.113
AK8SDCorrThea
Mean = 0.018
Sigma = 0.155
AK8SDHCorr
Mean = 0.051
Sigma = 0.205
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

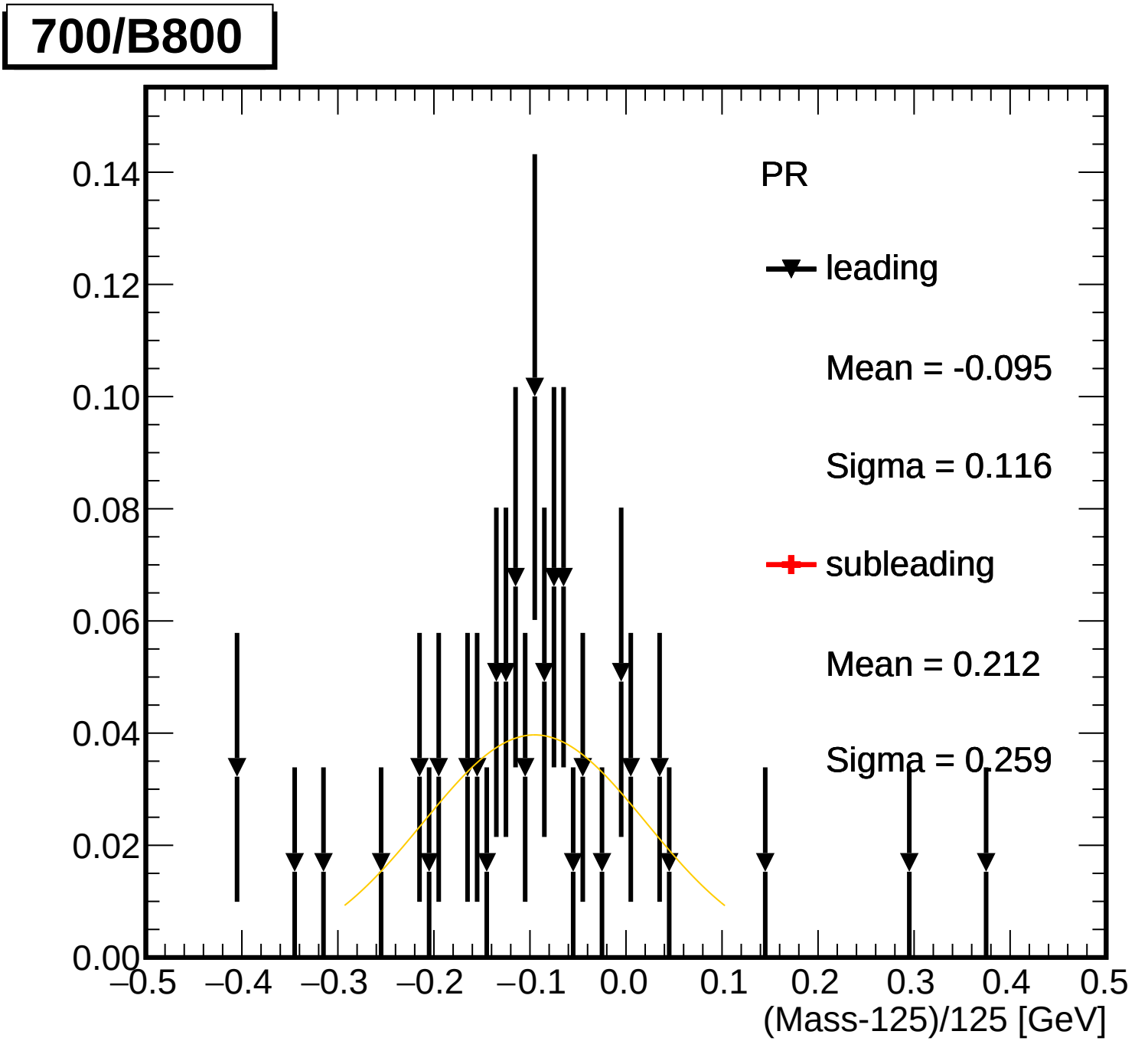

700/B800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

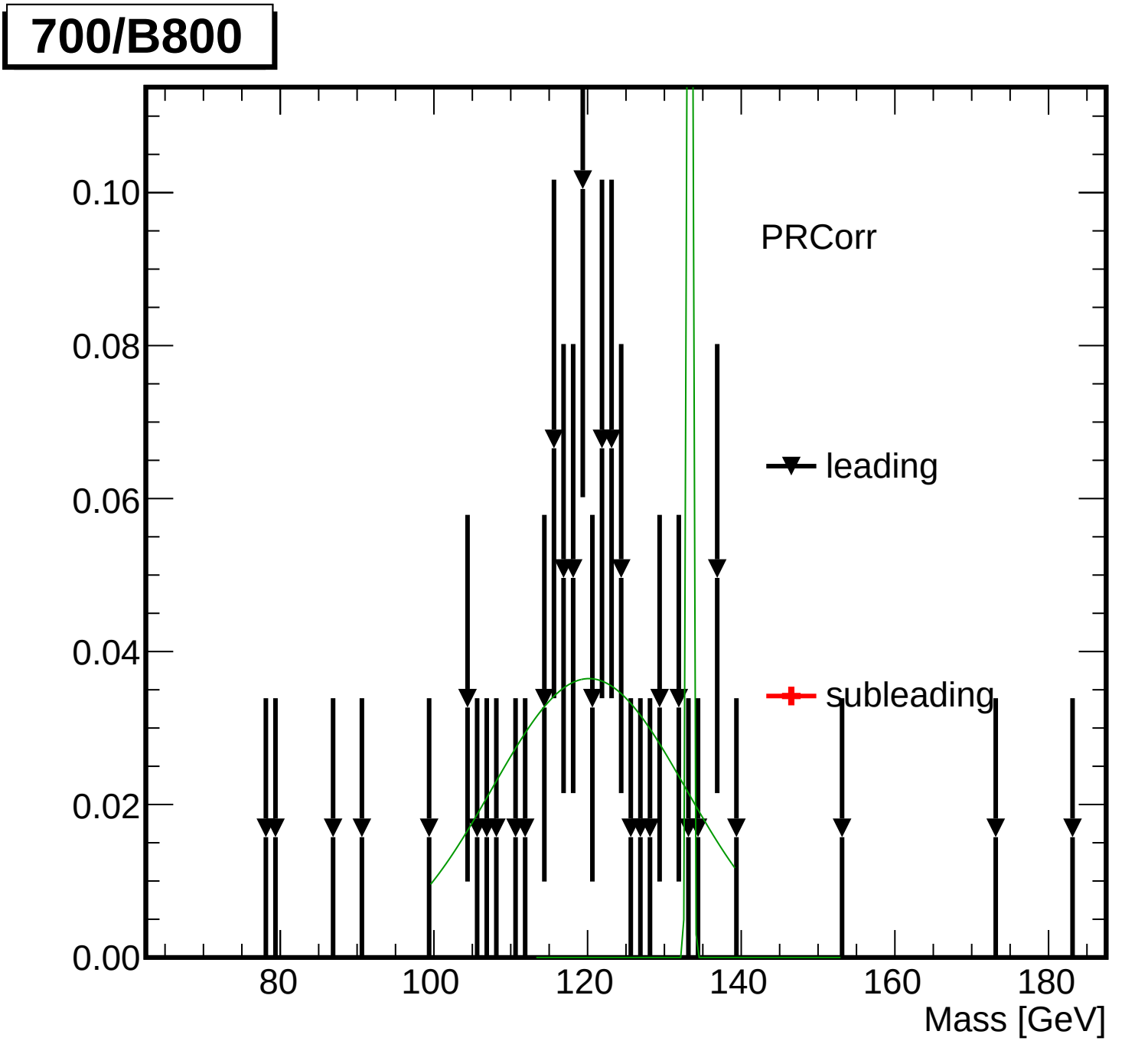

700/B800, subleading jet
PR
Mean = 0.212
Sigma = 0.259
PRCorr
Mean = 0.255
Sigma = 0.256
AK8SD
Mean = 0.182
Sigma = 0.259
AK8SDCorrThea
Mean = 0.255
Sigma = 0.256
AK8SDHCorr
Mean = 0.252
Sigma = 0.247
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

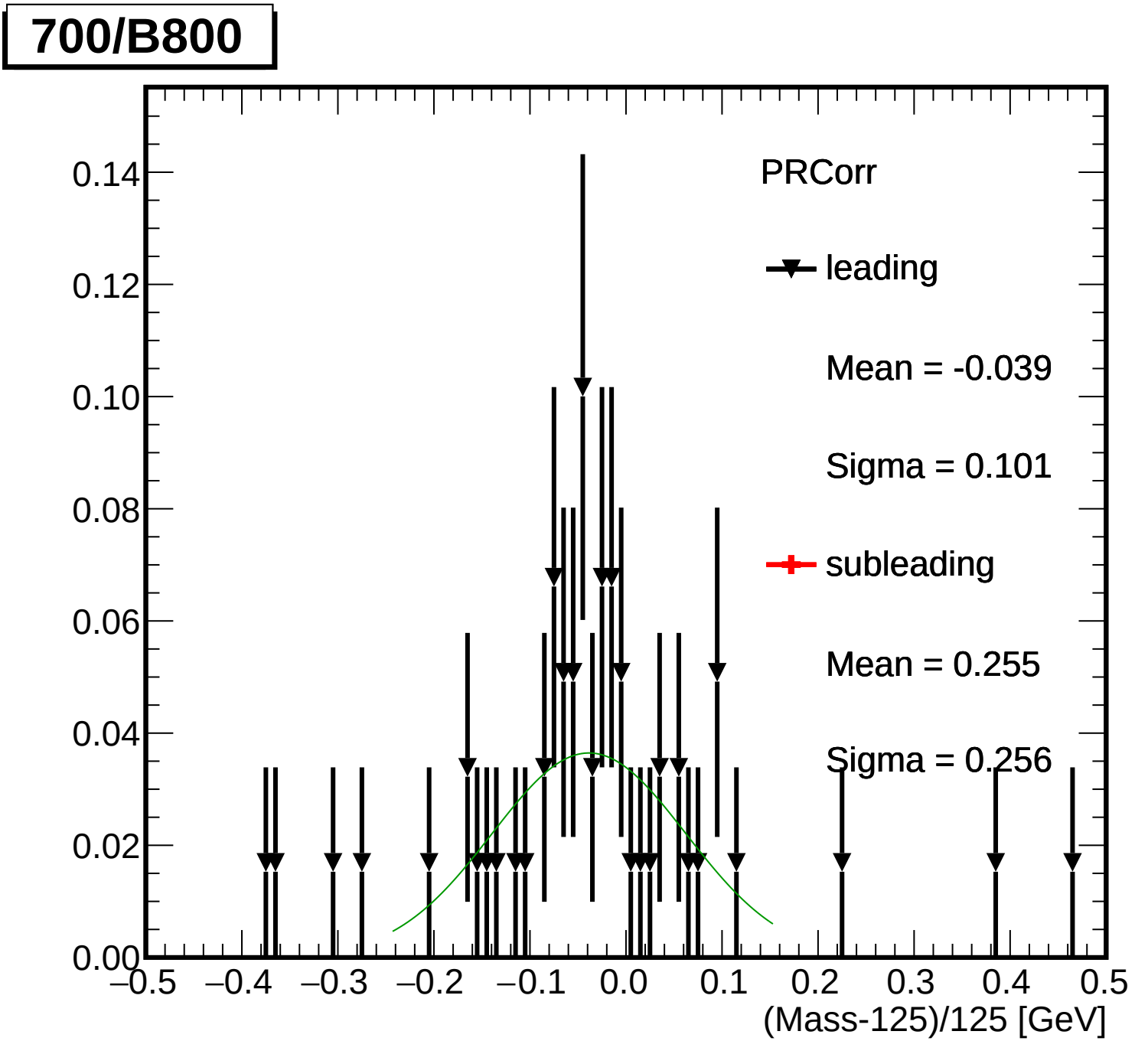

700/B800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

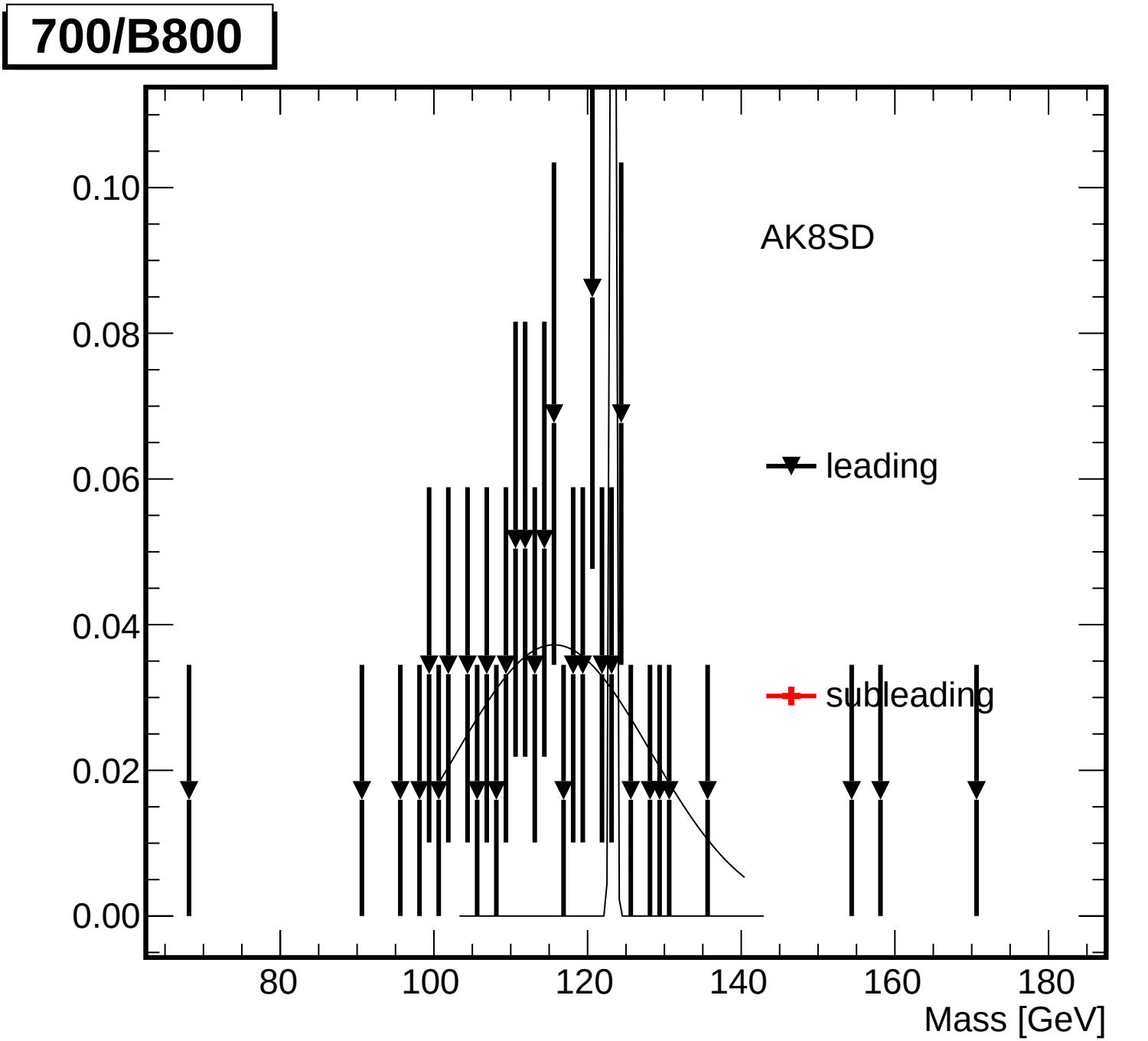

700/B800, both jets
PR
Mean = -0.100
Sigma = 0.110
PRCorr
Mean = -0.032
Sigma = 0.111
AK8SD
Mean = -0.080
Sigma = 0.113
AK8SDCorrThea
Mean = 0.022
Sigma = 0.152
AK8SDHCorr
Mean = 0.059
Sigma = 0.189
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

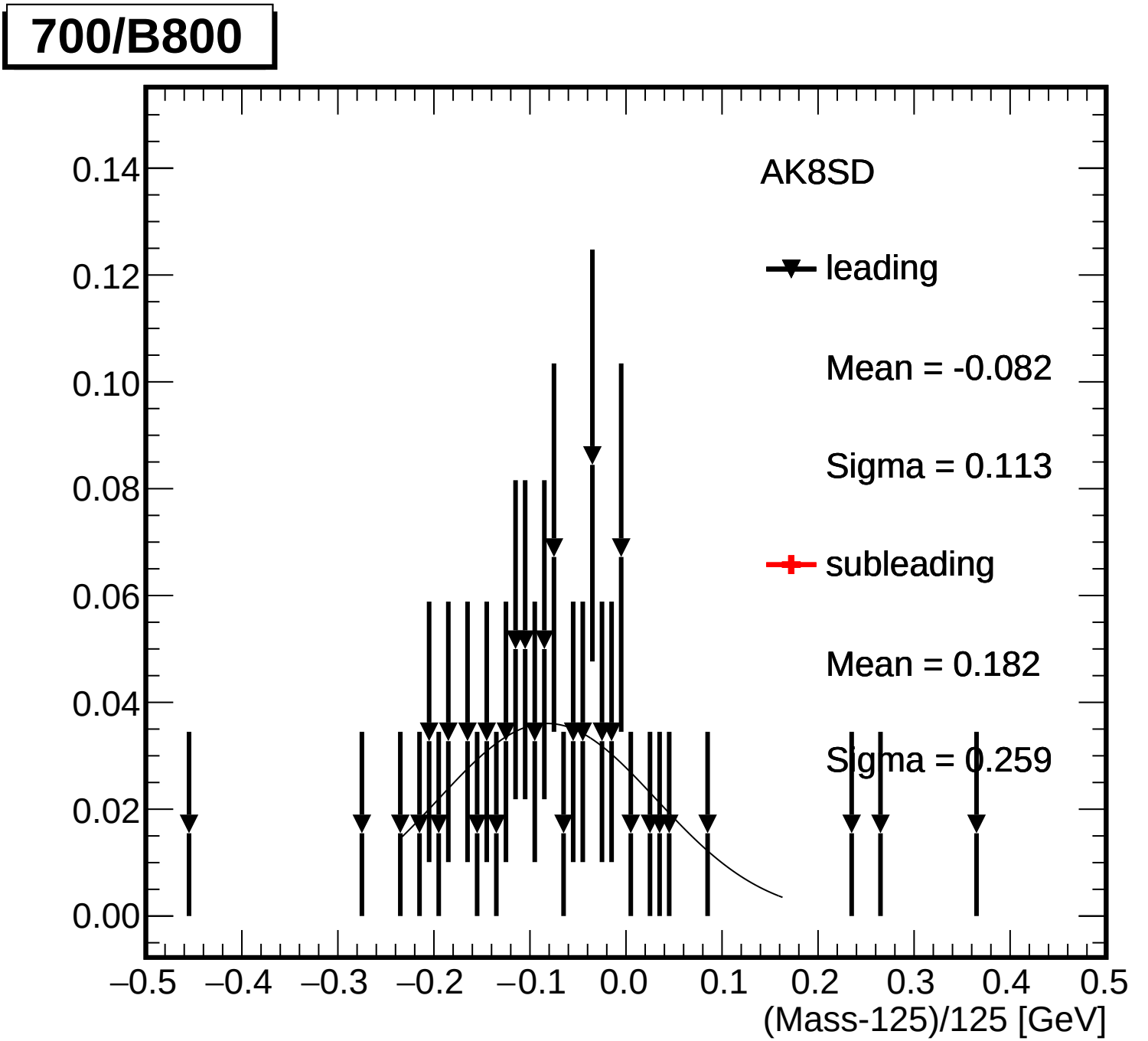

700/B800
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

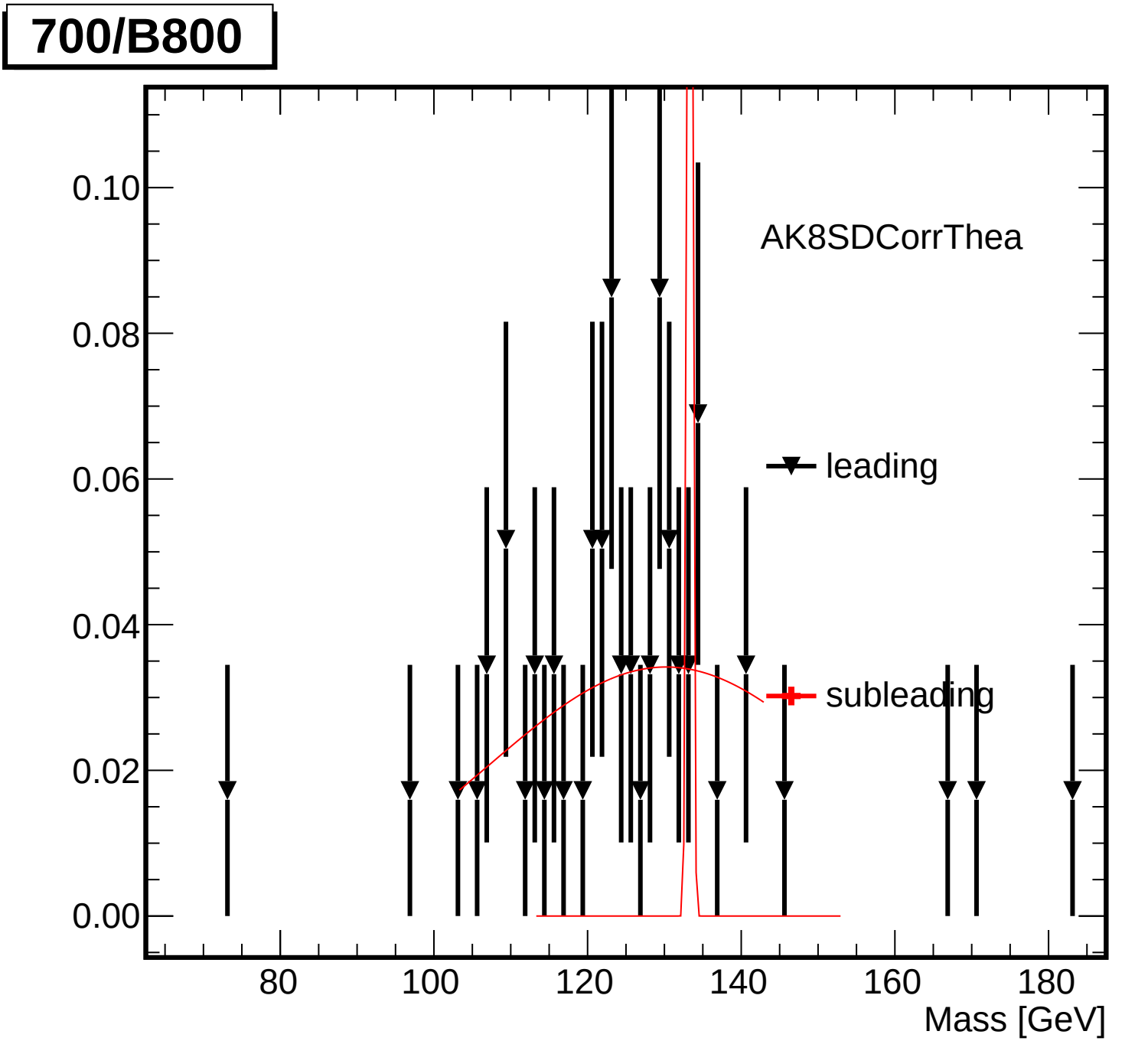

700/B800
PR
leading
Mean = -0.095
Sigma = 0.116
subleading
Mean = 0.212
Sigma = 0.259
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

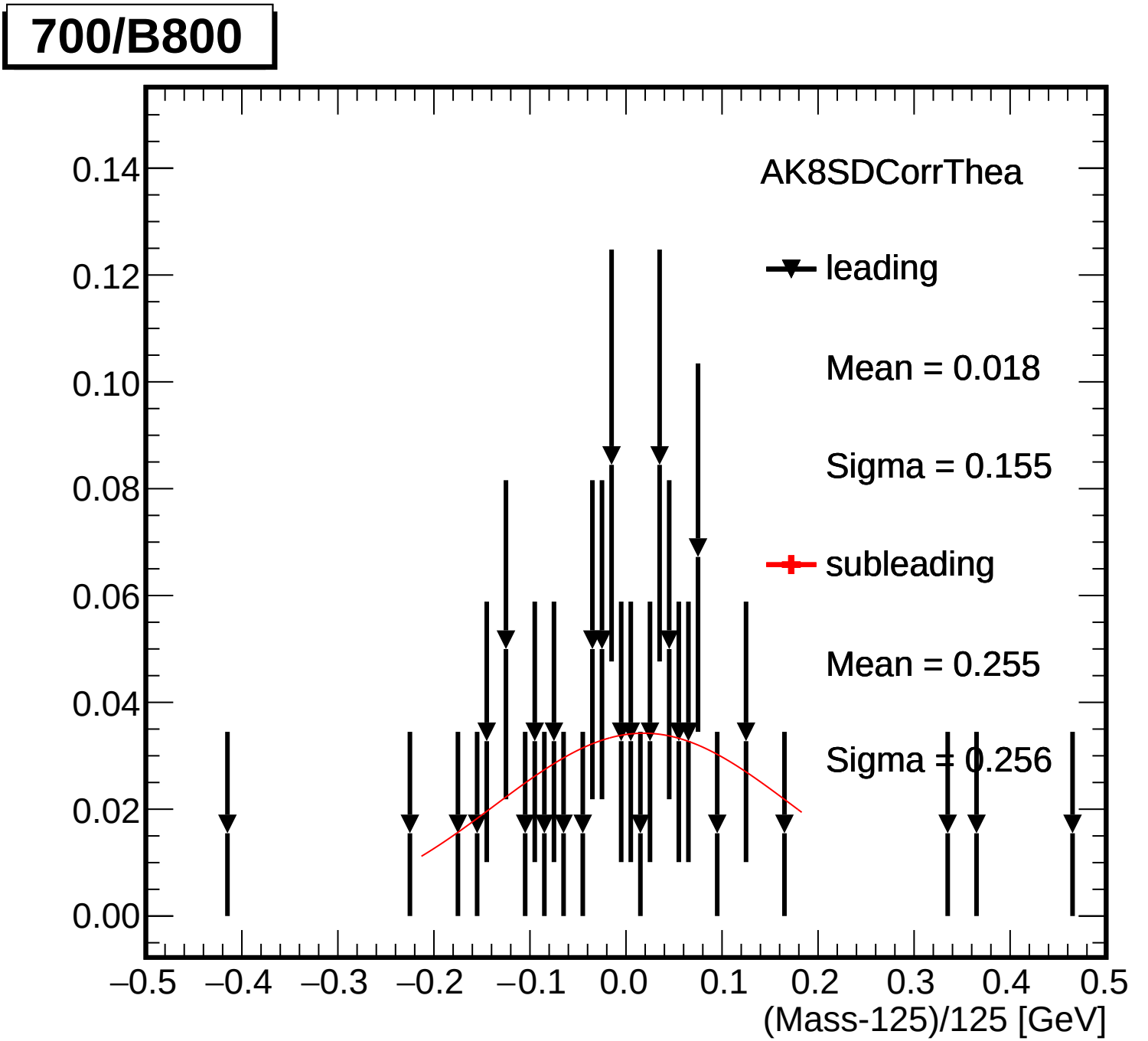

700/B800
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

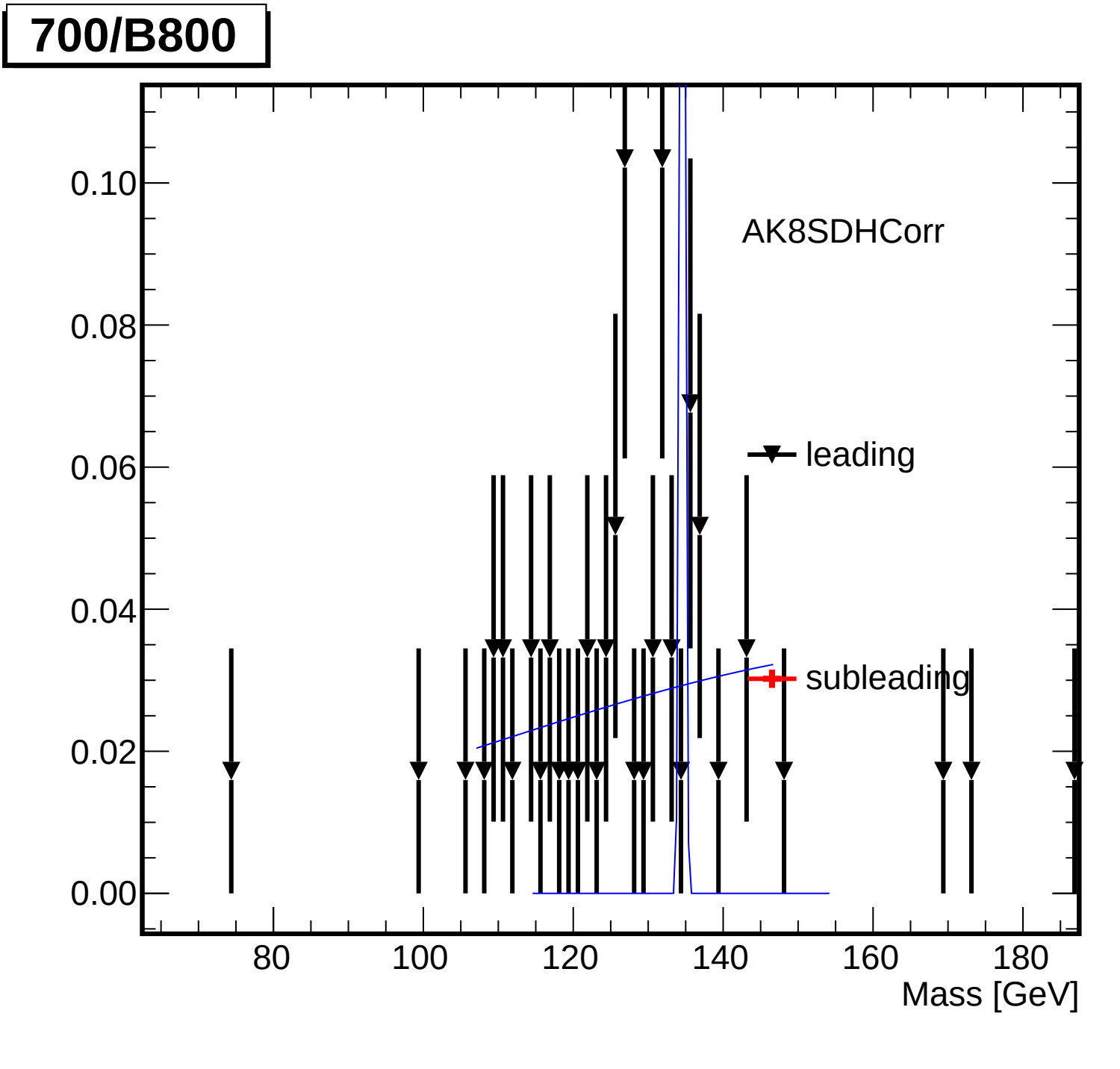

700/B800
PRCorr
leading
Mean = -0.039
Sigma = 0.101
subleading
Mean = 0.255
Sigma = 0.256
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

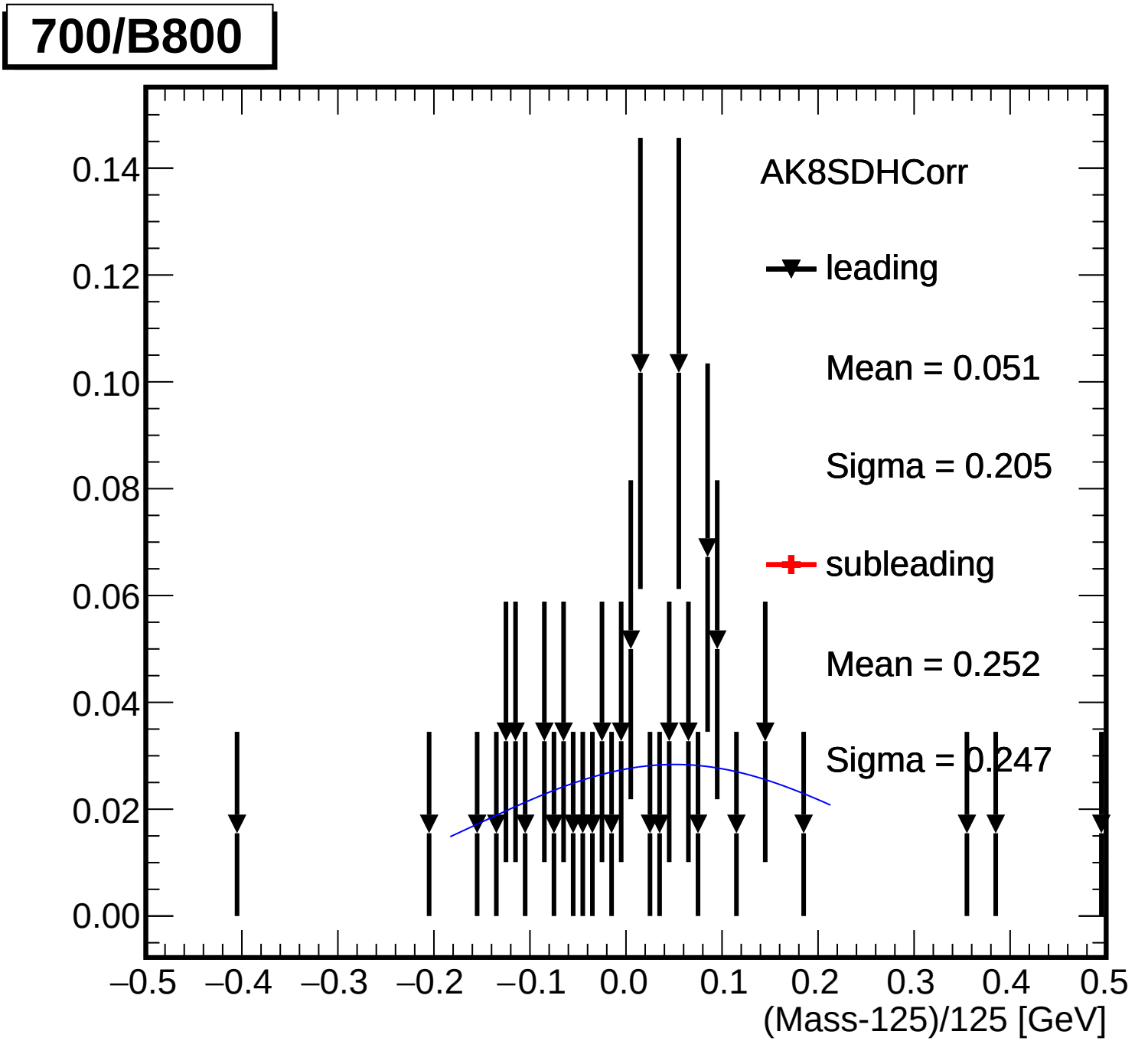

700/B800
0.10
0.08
0.06
0.04
0.02
0.00
AK8SD
leading
subleading
80
100
120
140
160
180
Mass [GeV]


700/B800
AK8SD
leading
Mean = -0.082
Sigma = 0.113
subleading
Mean = 0.182
Sigma = 0.259
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/B800
AK8SDCorrThea
leading
subleading
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


700/B800
AK8SDCorrThea
leading
Mean = 0.018
Sigma = 0.155
subleading
Mean = 0.255
Sigma = 0.256
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/B800
AK8SDHCorr
leading
subleading
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


700/B800
AK8SDHCorr
leading
Mean = 0.051
Sigma = 0.205
subleading
Mean = 0.252
Sigma = 0.247
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]