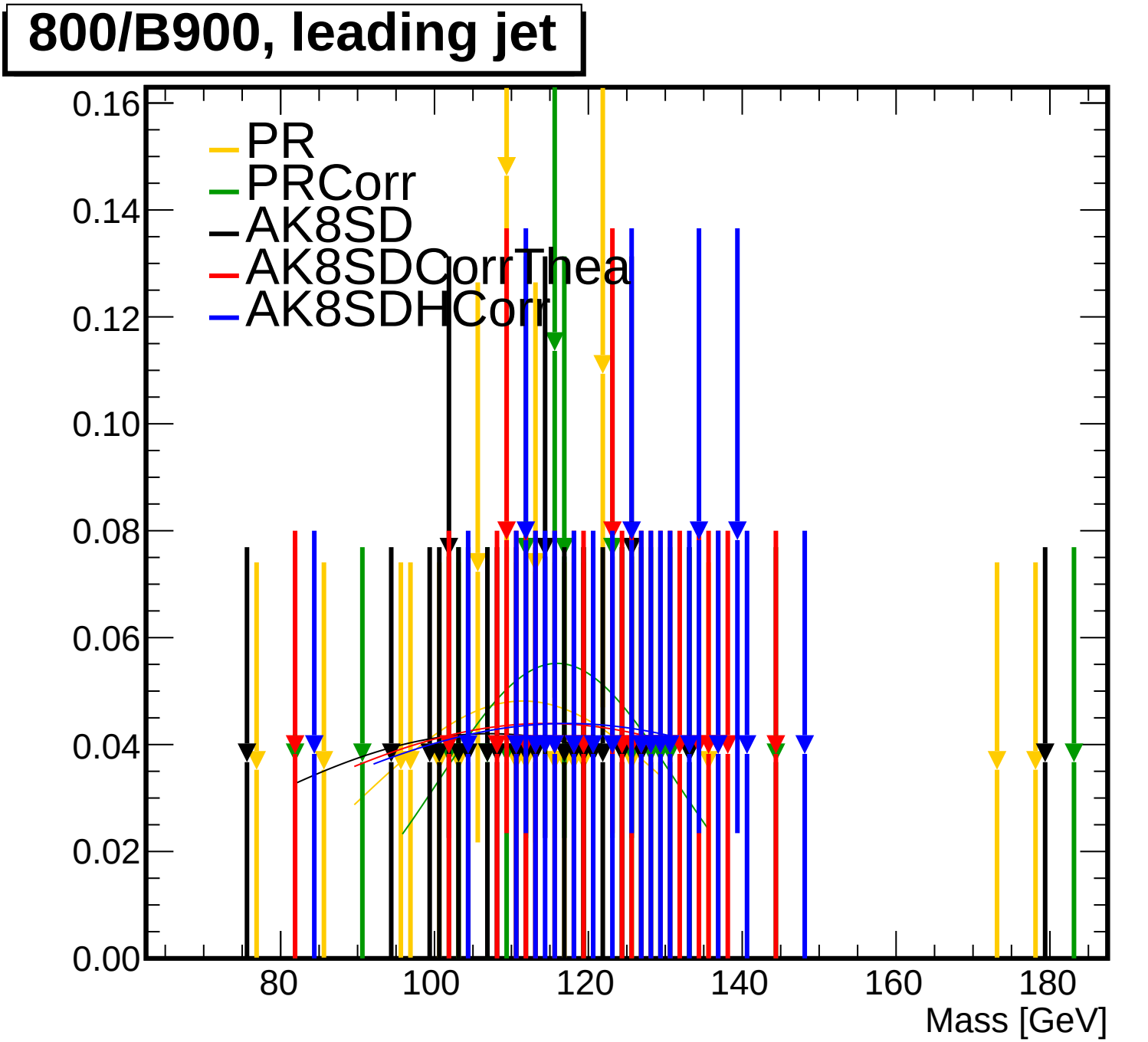
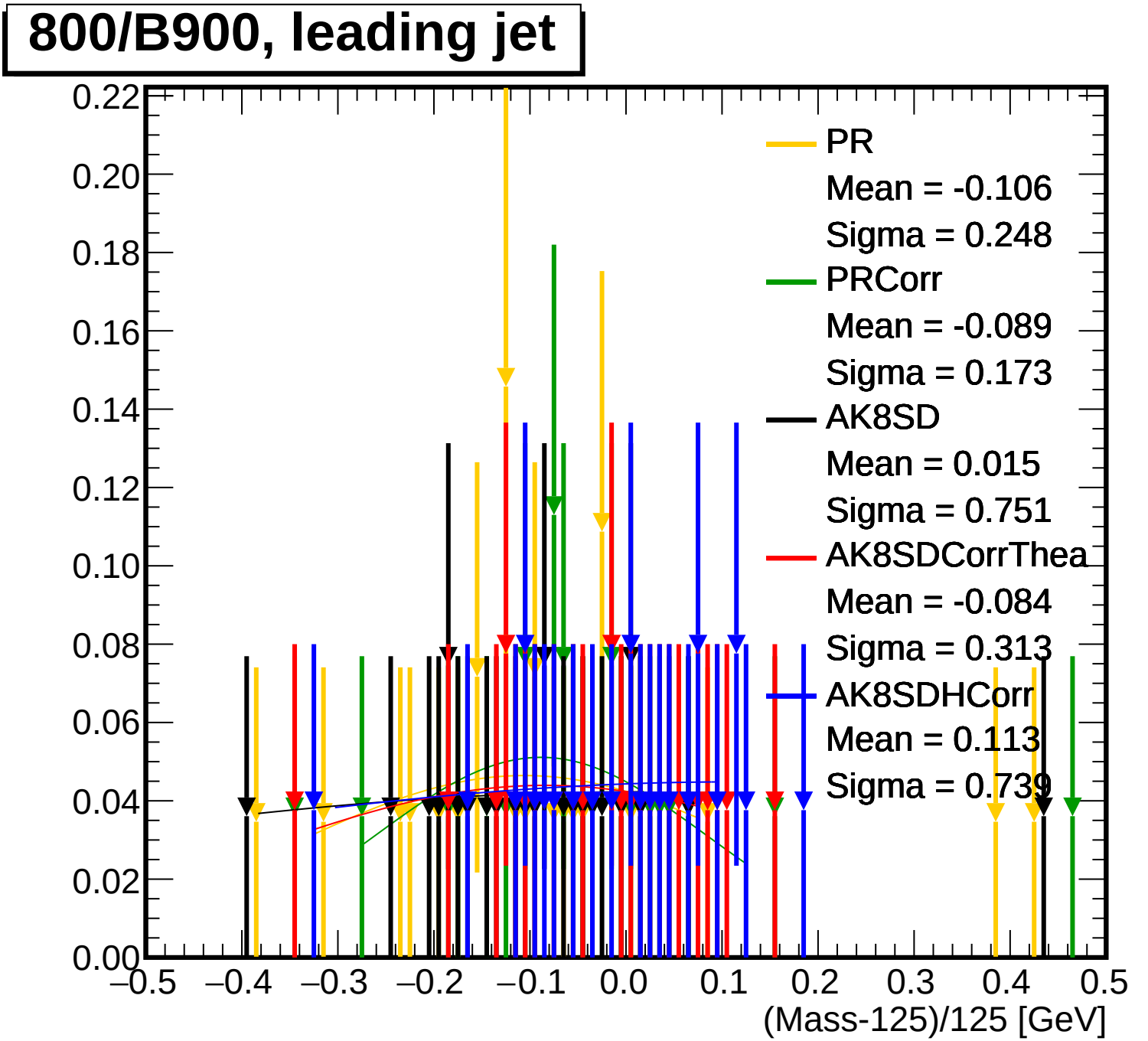
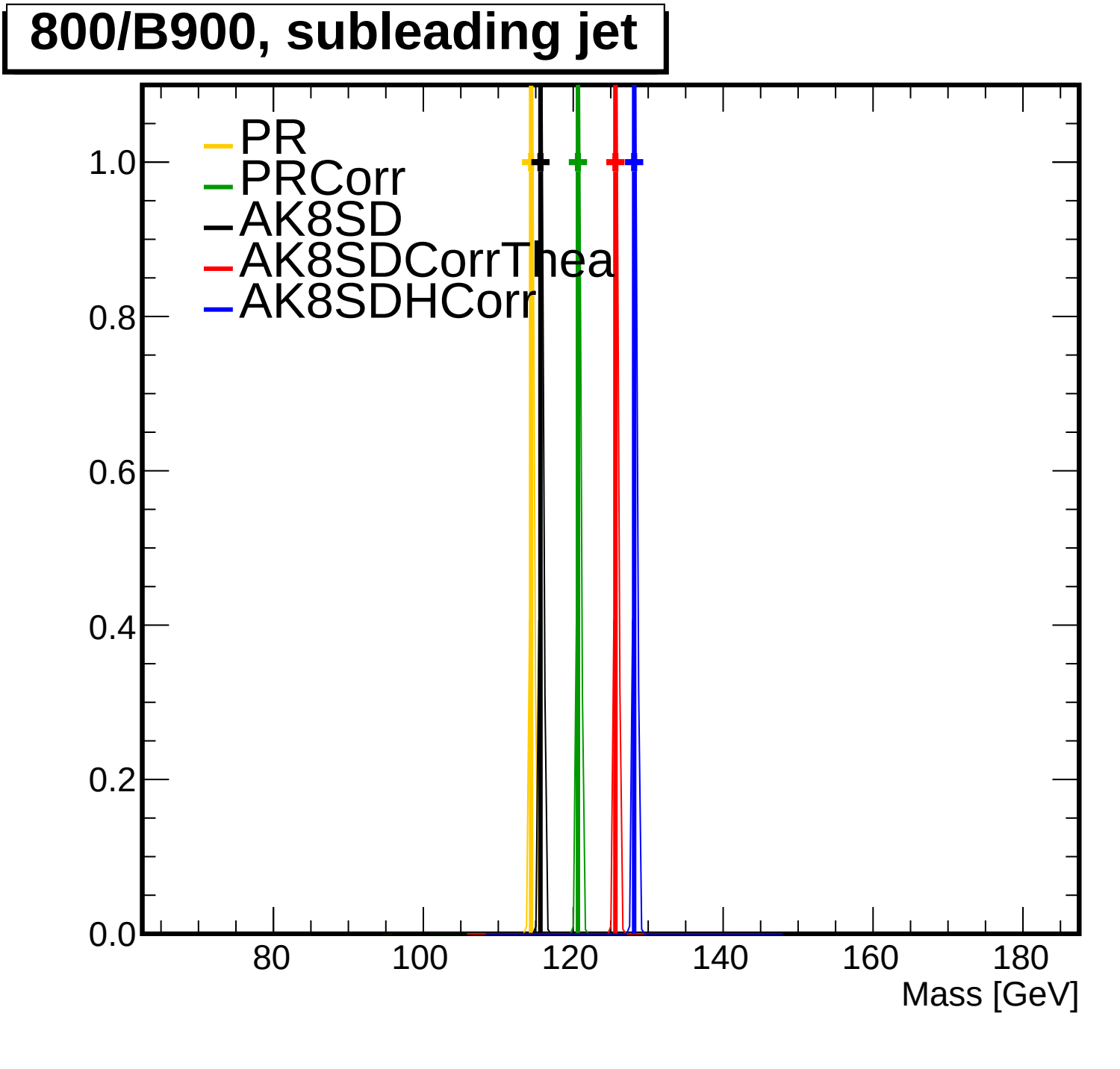
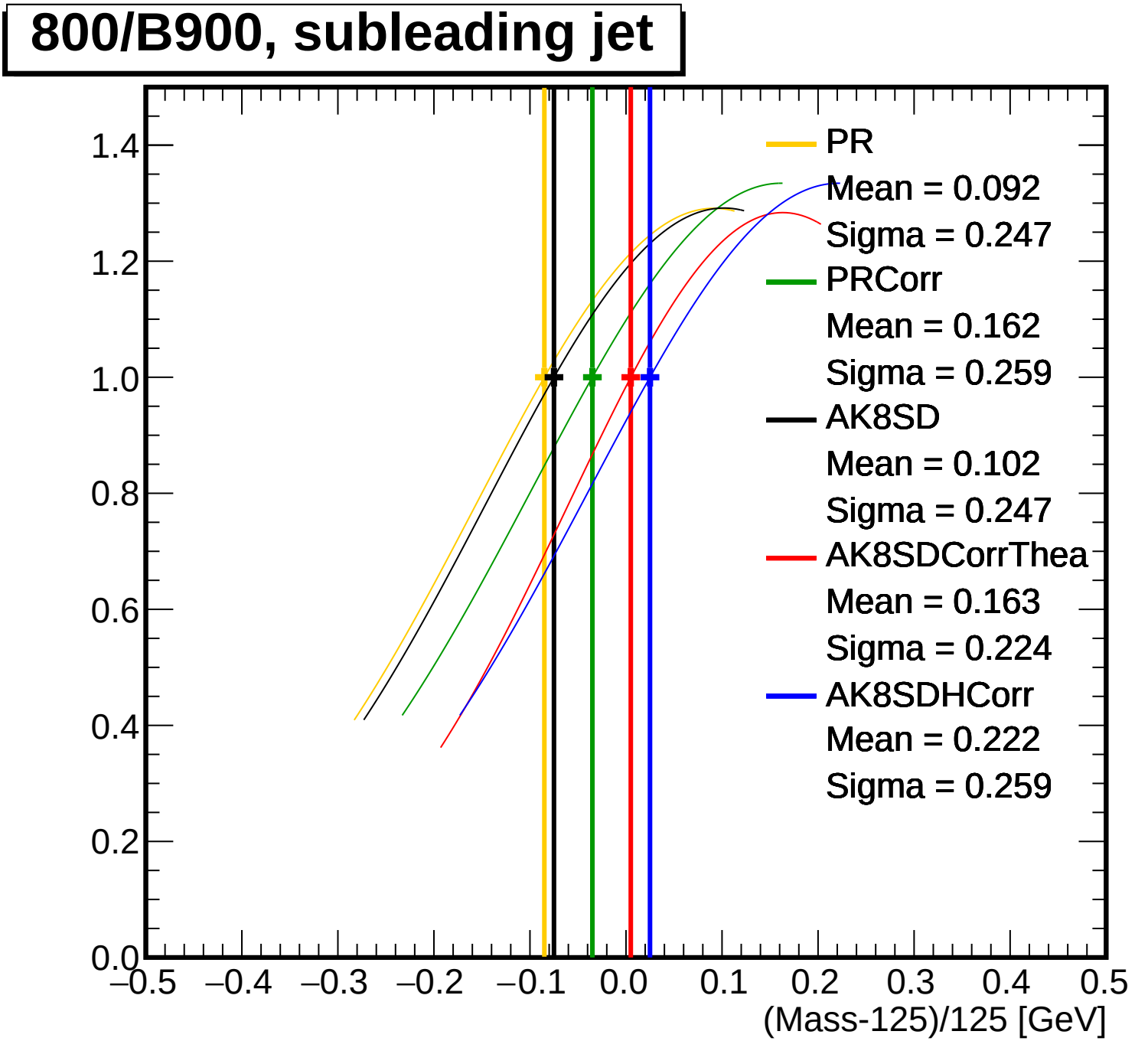
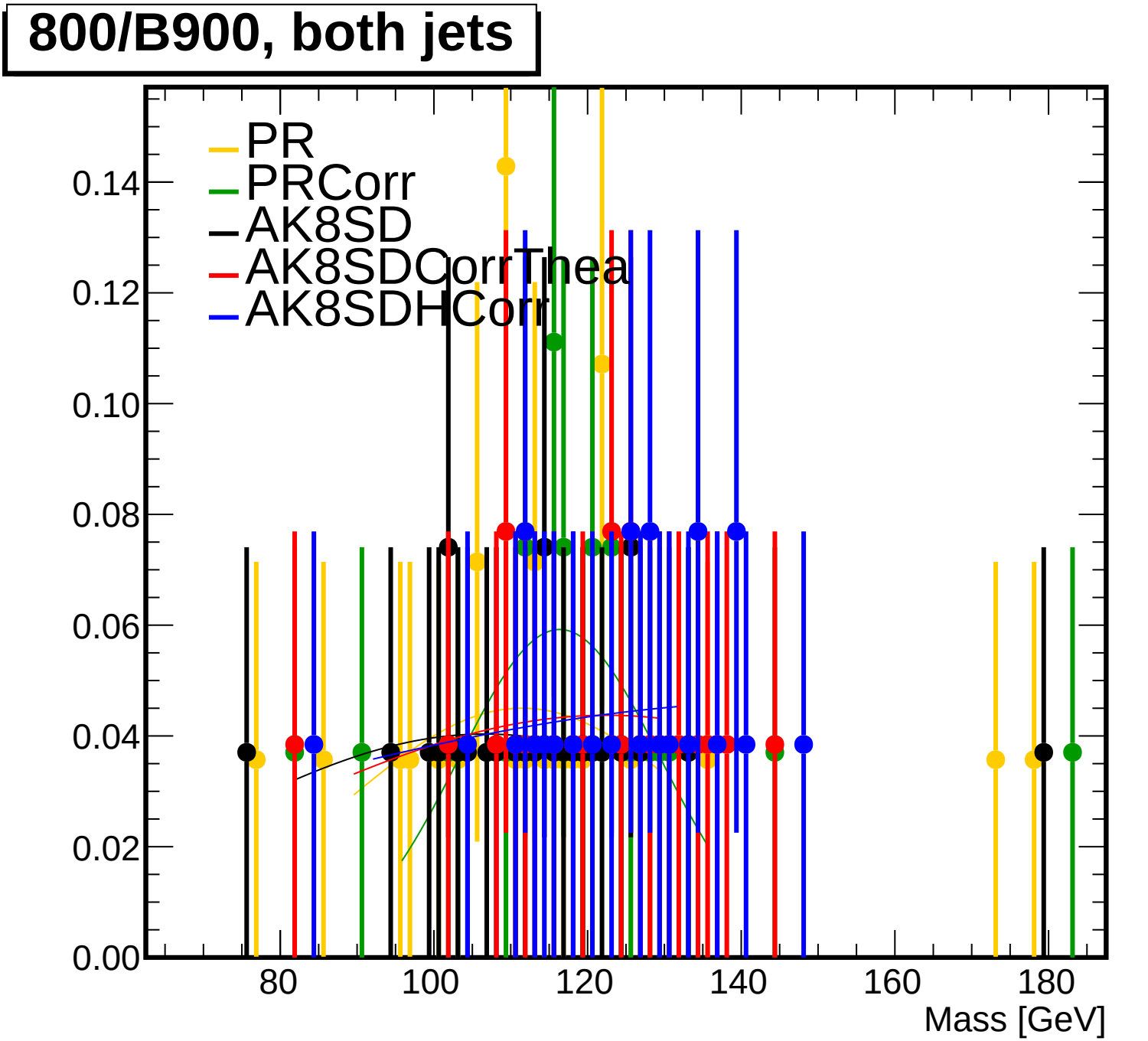
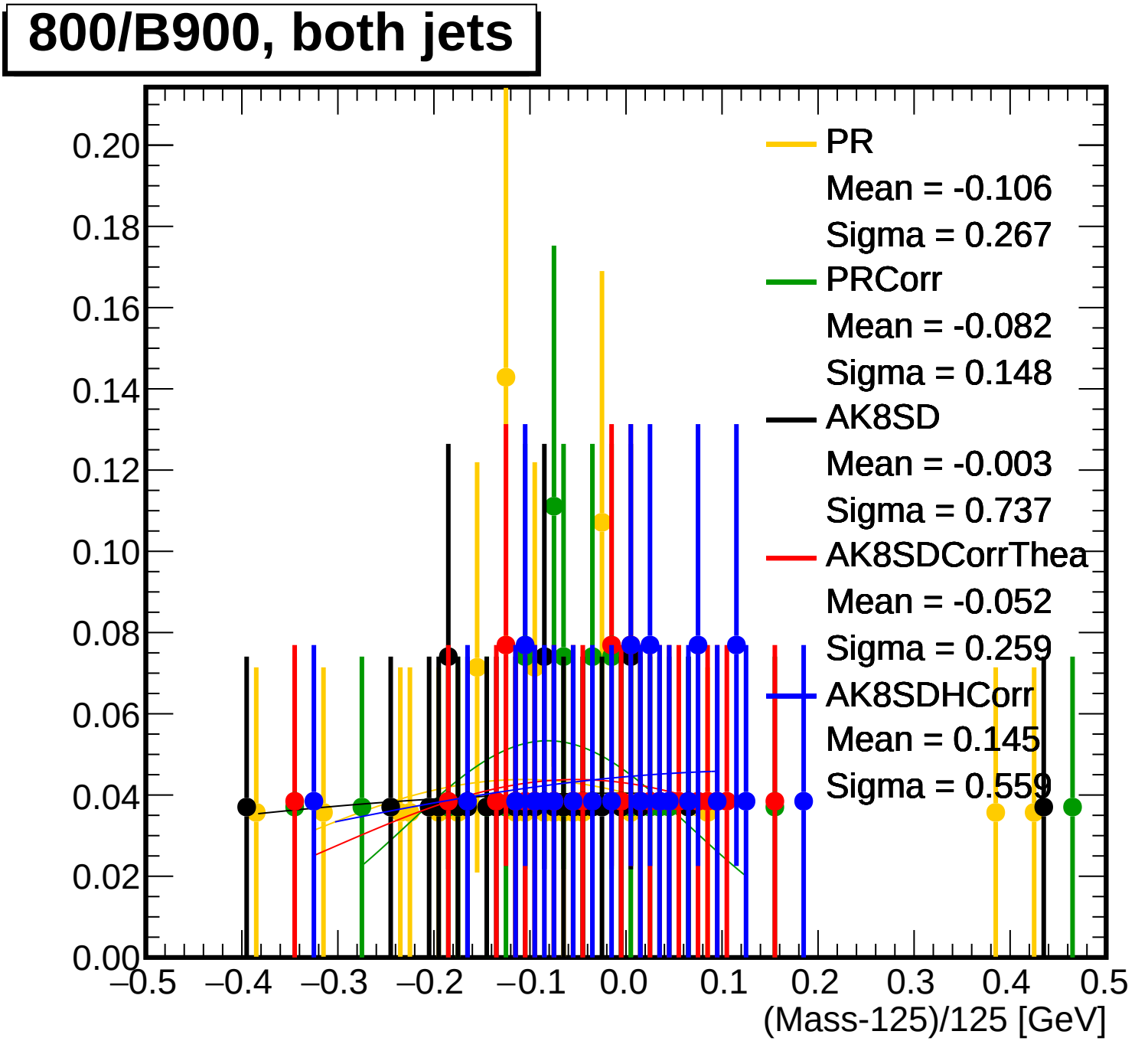

800/B900, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

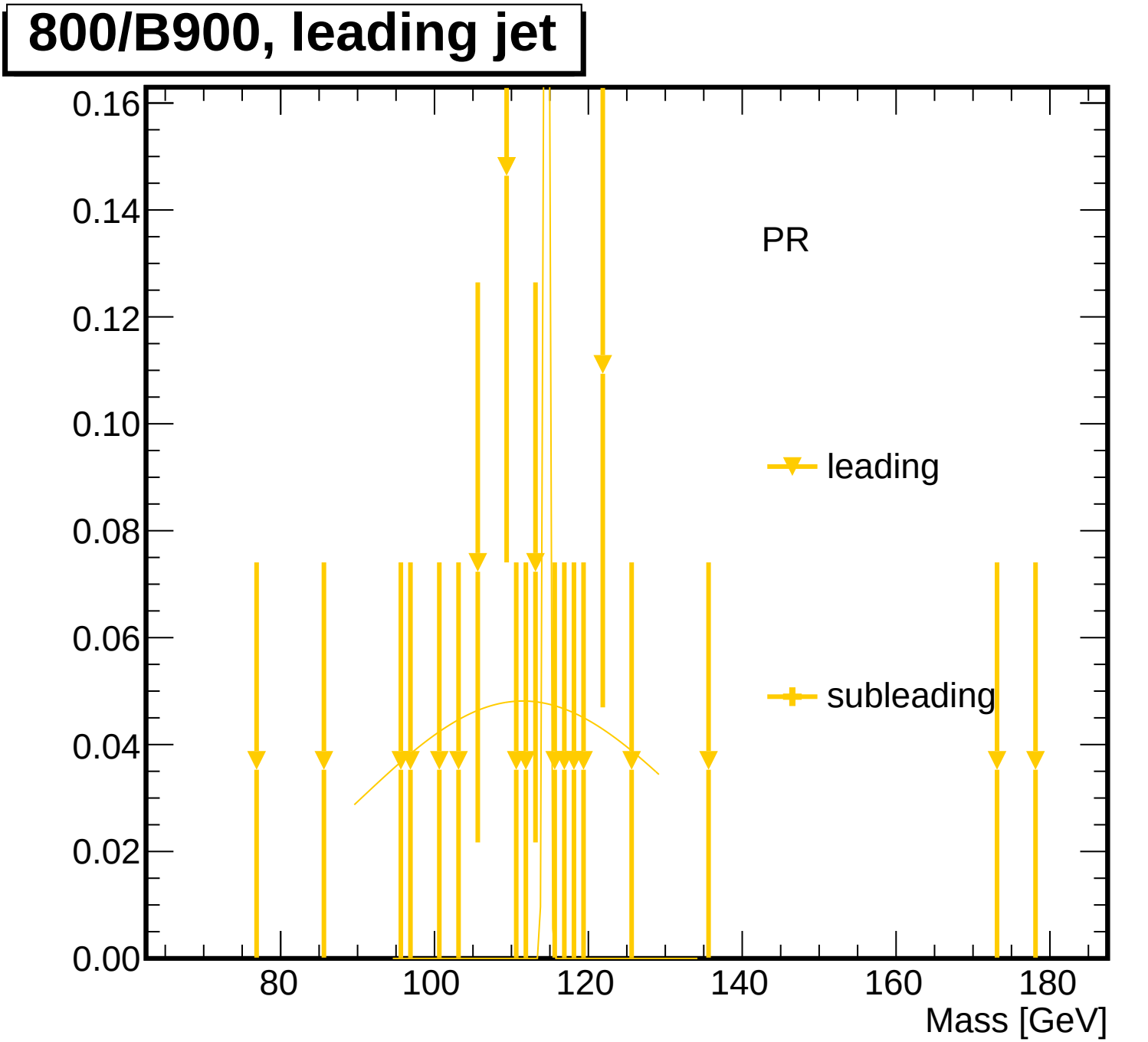

800/B900, leading jet
PR
Mean = -0.106
Sigma = 0.248
PRCorr
Mean = -0.089
Sigma = 0.173
AK8SD
Mean = 0.015
Sigma = 0.751
AK8SDCorrThea
Mean = -0.084
Sigma = 0.313
AK8SDHCorr
Mean = 0.113
Sigma = 0.739
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

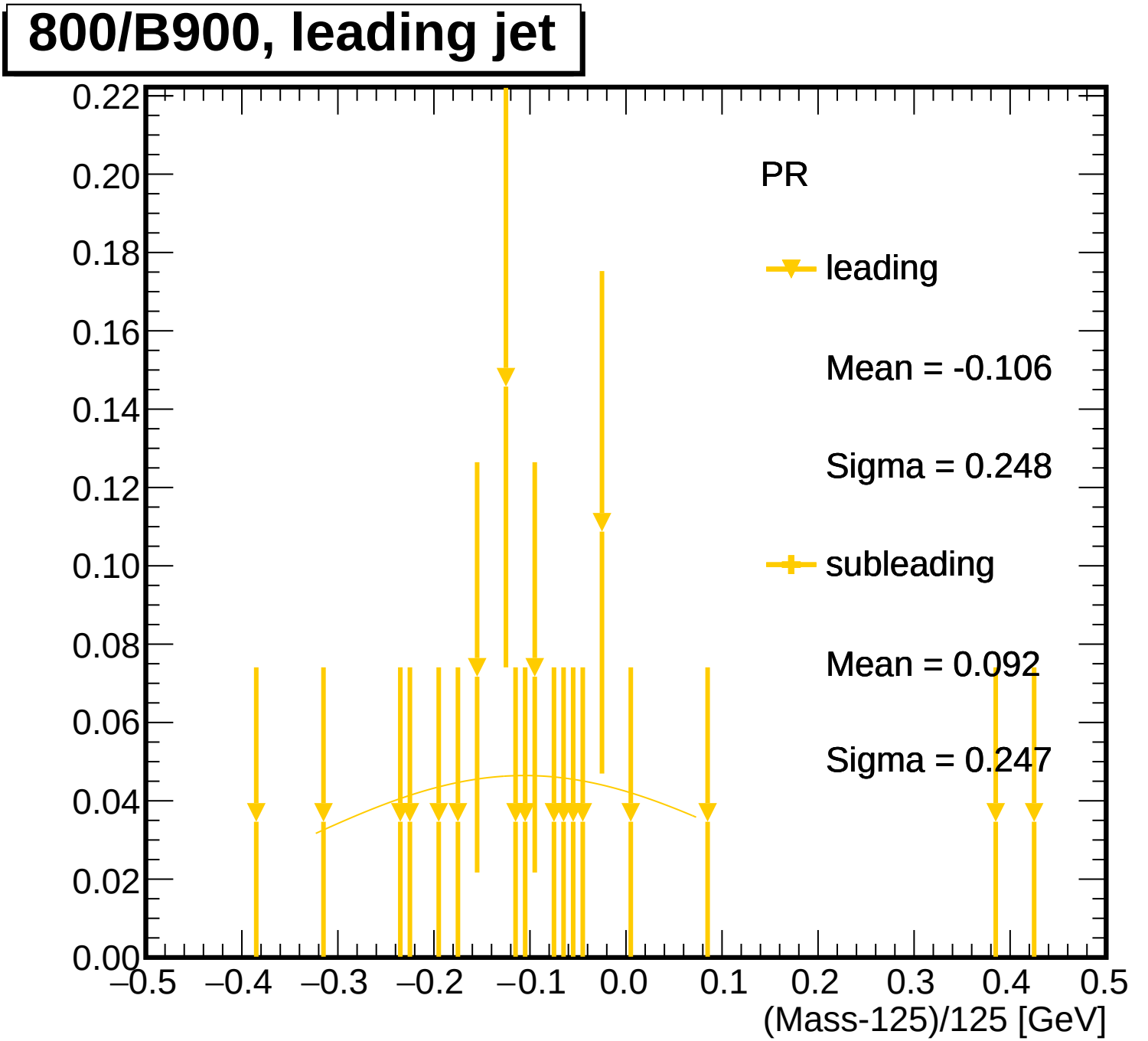

800/B900, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

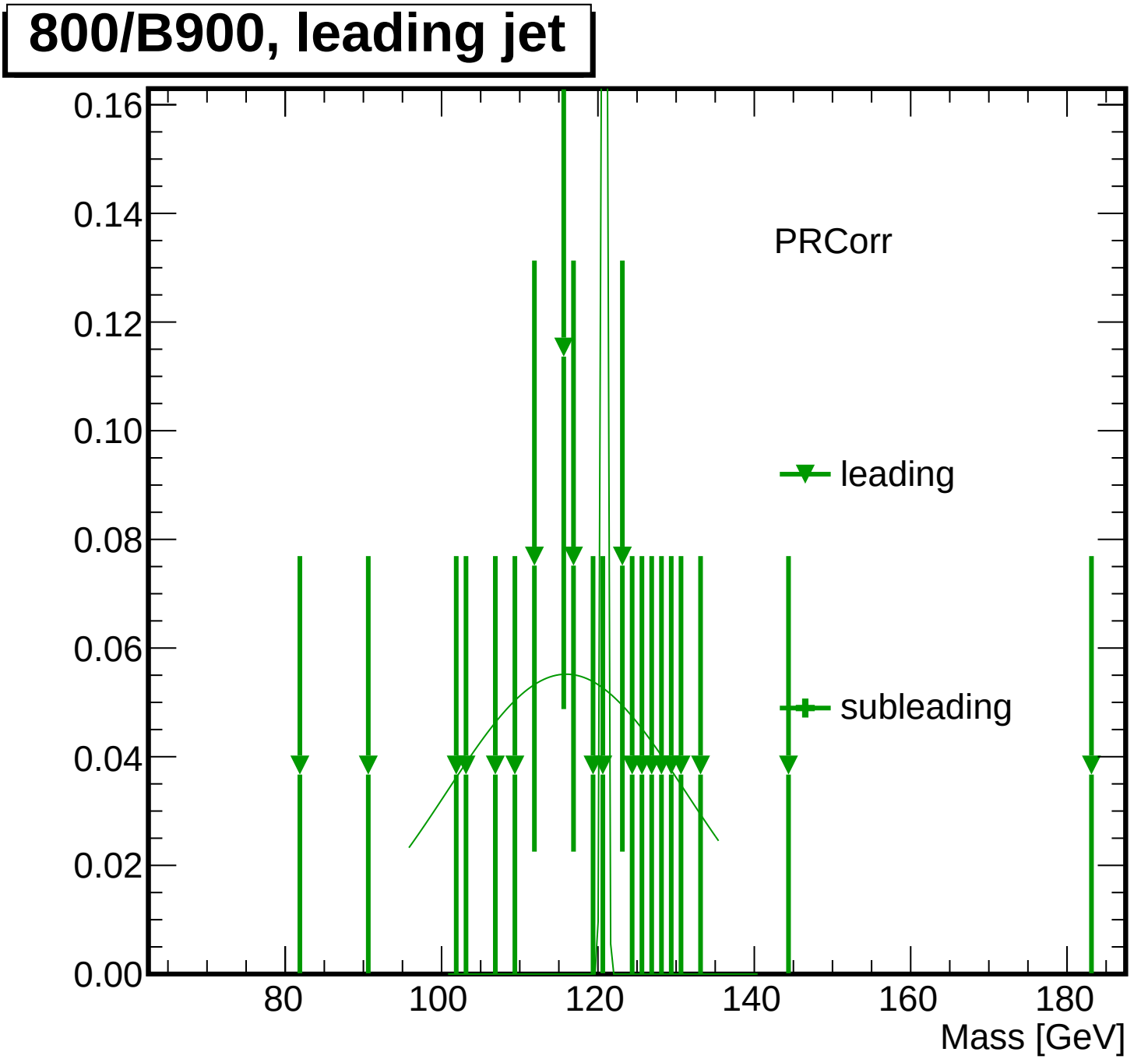

800/B900, subleading jet
PR
Mean = 0.092
Sigma = 0.247
PRCorr
Mean = 0.162
Sigma = 0.259
AK8SD
Mean = 0.102
Sigma = 0.247
AK8SDCorrThea
Mean = 0.163
Sigma = 0.224
AK8SDHCorr
Mean = 0.222
Sigma = 0.259
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

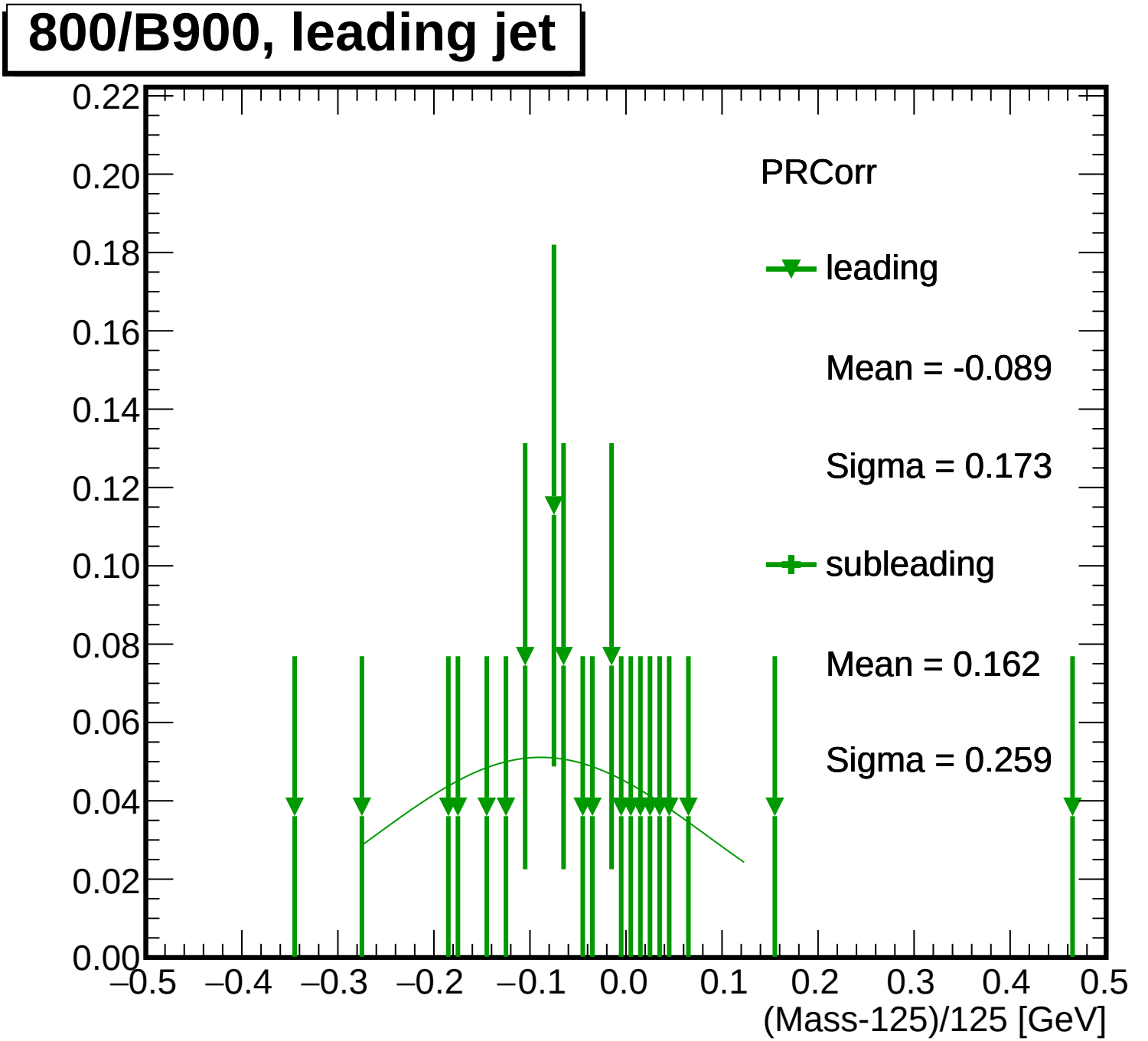

800/B900, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

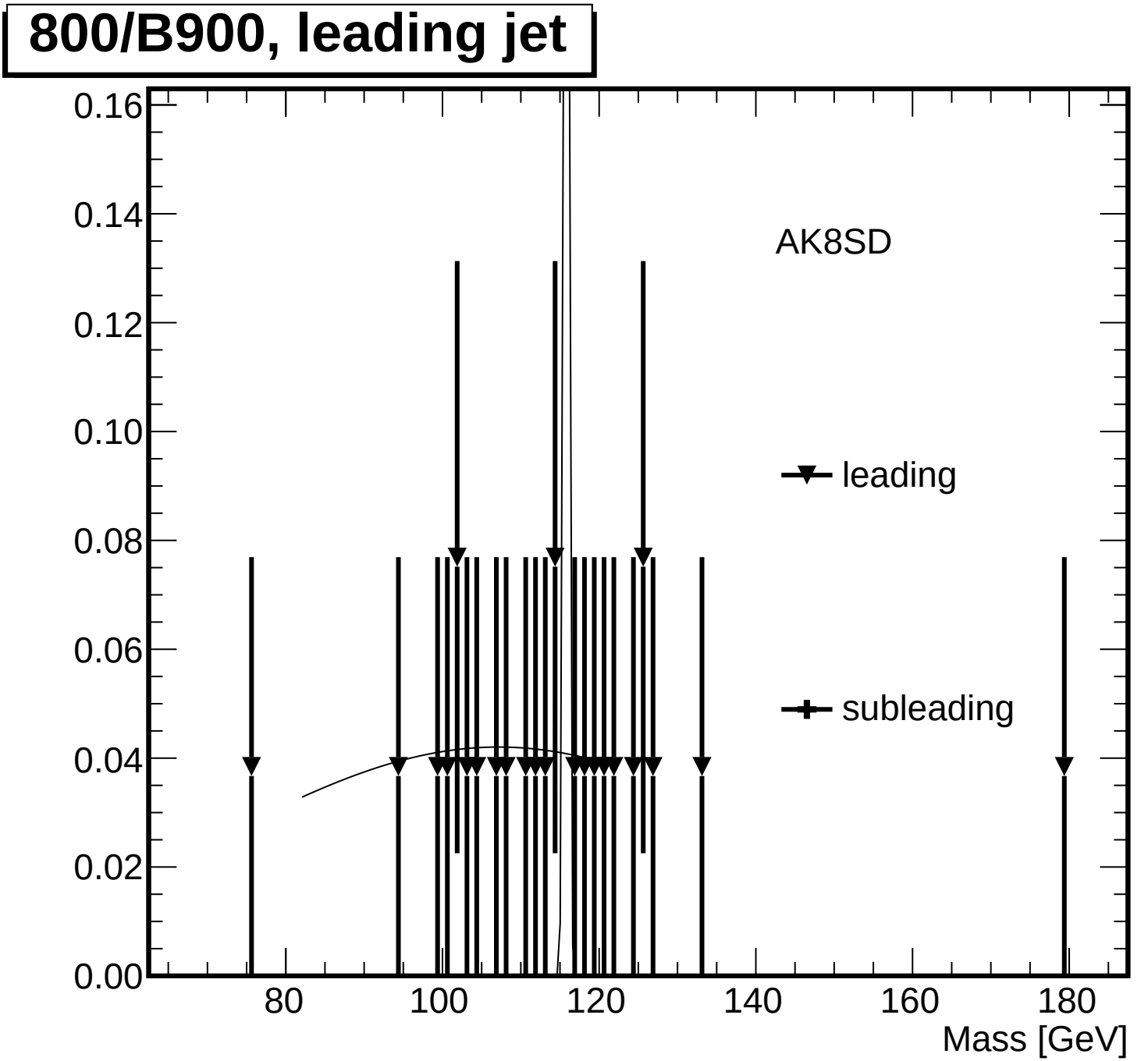

800/B900, both jets
PR
Mean = -0.106
Sigma = 0.267
PRCorr
Mean = -0.082
Sigma = 0.148
AK8SD
Mean = -0.003
Sigma = 0.737
AK8SDCorrThea
Mean = -0.052
Sigma = 0.259
AK8SDHCorr
Mean = 0.145
Sigma = 0.559
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

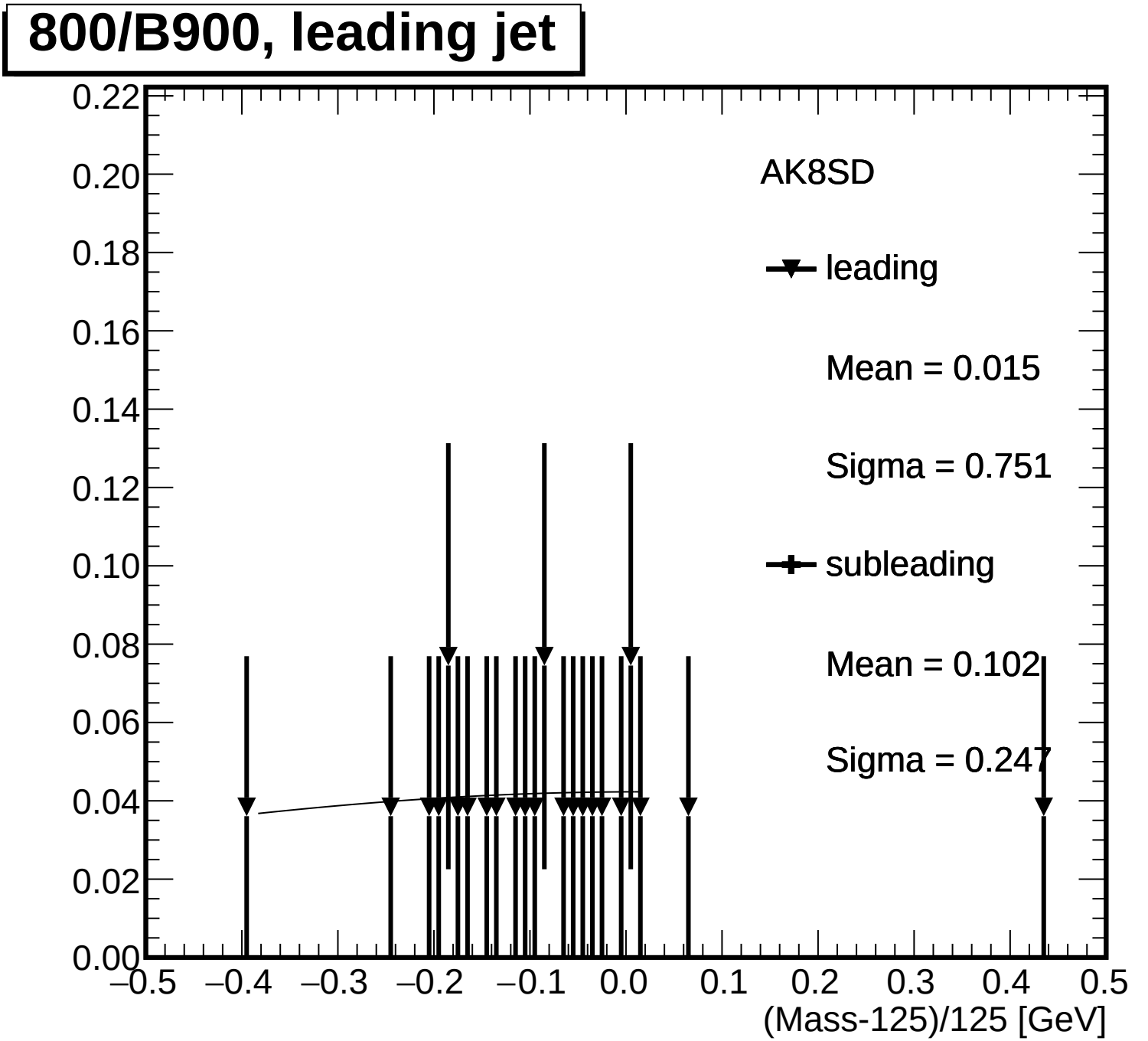

800/B900, leading jet
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

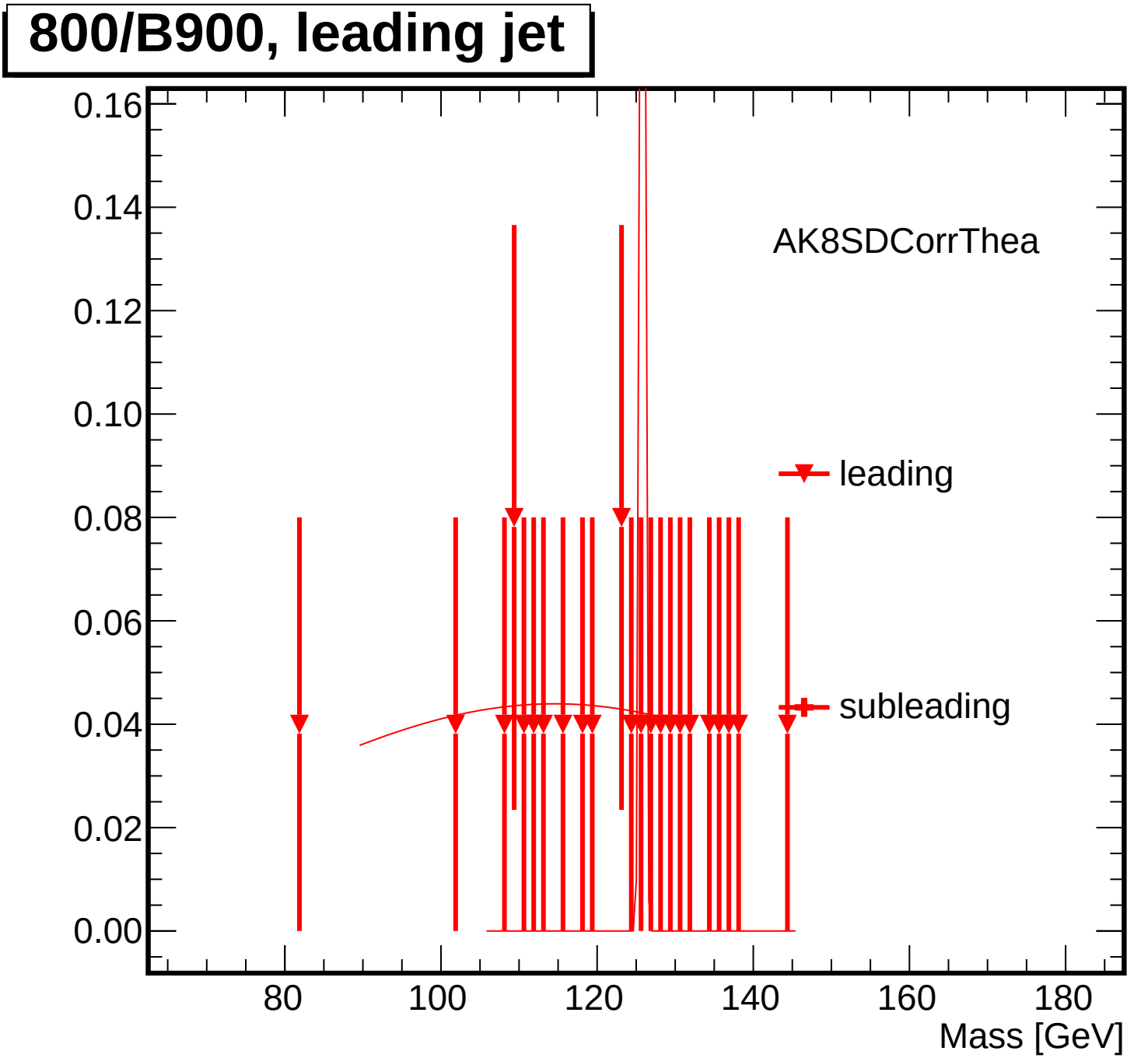

800/B900, leading jet
PR
leading
Mean = -0.106
Sigma = 0.248
subleading
Mean = 0.092
Sigma = 0.247
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

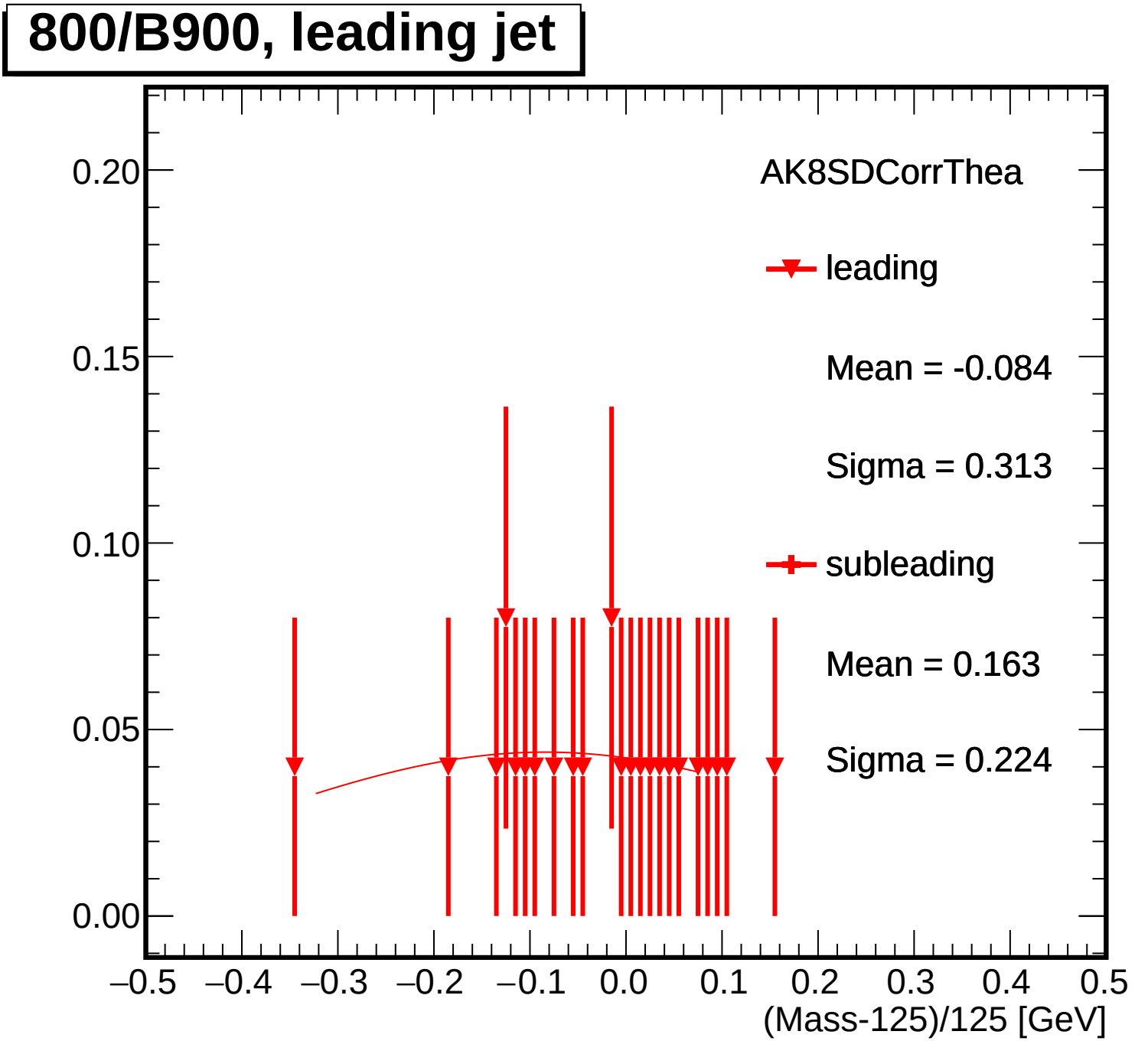

800/B900, leading jet
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

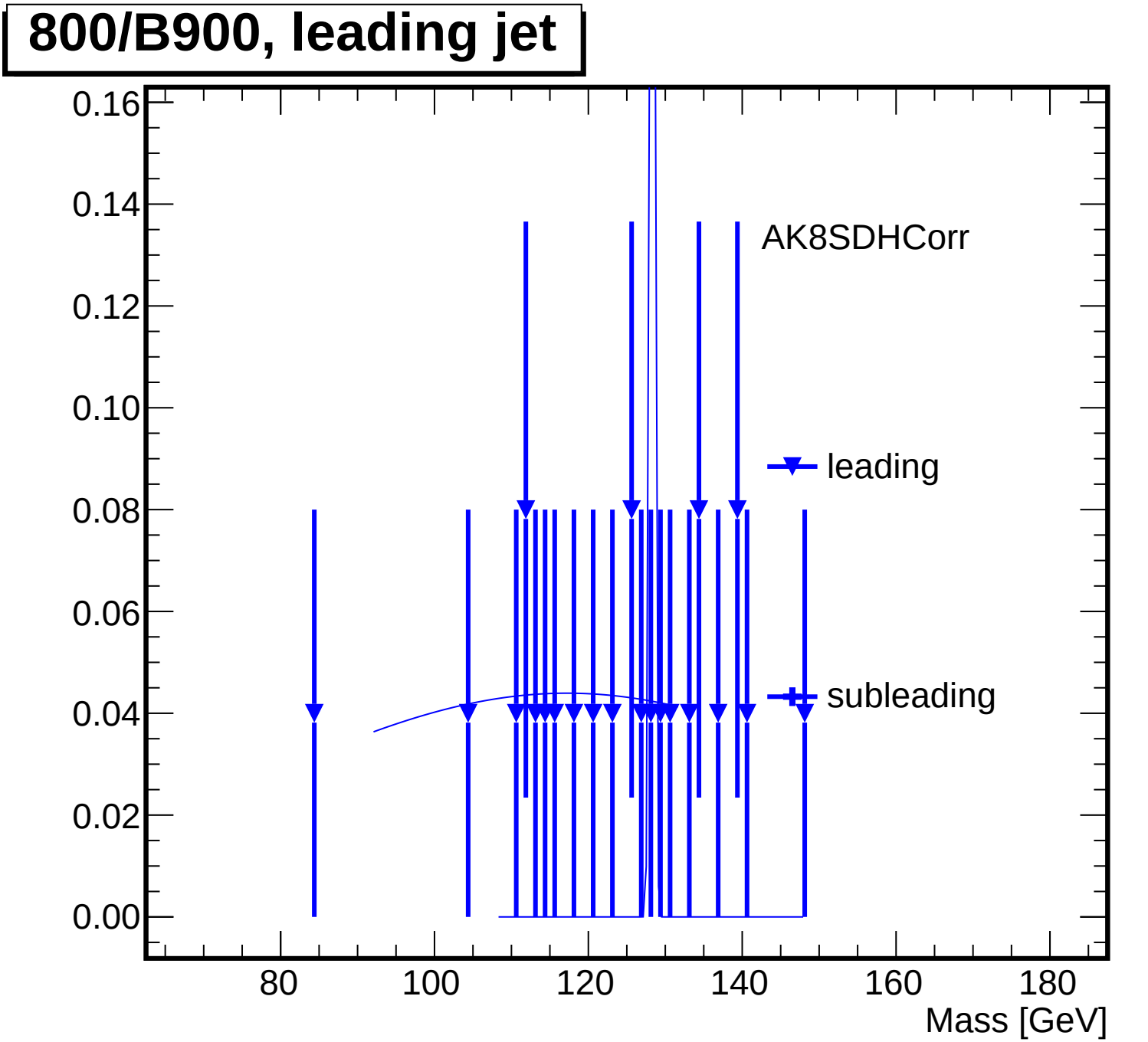

800/B900, leading jet
PRCorr
leading
Mean = -0.089
Sigma = 0.173
subleading
Mean = 0.162
Sigma = 0.259
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

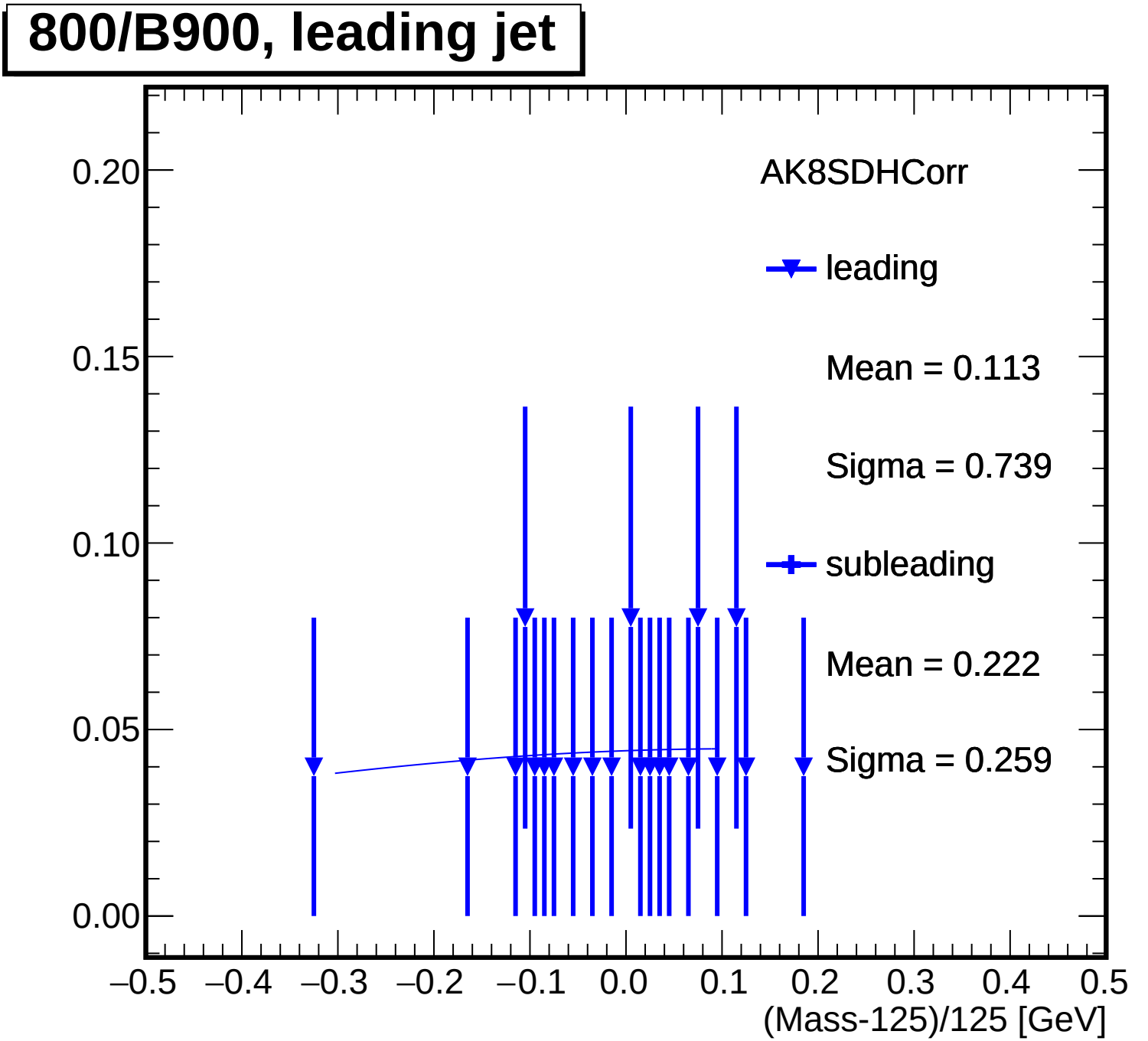

800/B900, leading jet
AK8SD
leading
subleading
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


800/B900, leading jet
AK8SD
leading
Mean = 0.015
Sigma = 0.751
subleading
Mean = 0.102
Sigma = 0.247
0.22
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]


800/B900, leading jet
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
AK8SDCorrThea
leading
subleading
80
100
120
140
160
180
Mass [GeV]


800/B900, leading jet
AK8SDCorrThea
leading
Mean = -0.084
Sigma = 0.313
subleading
Mean = 0.163
Sigma = 0.224
0.20
0.15
0.10
0.05
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]


800/B900, leading jet
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDHCorr
leading
subleading


800/B900, leading jet
AK8SDHCorr
leading
Mean = 0.113
Sigma = 0.739
subleading
Mean = 0.222
Sigma = 0.259
0.20
0.15
0.10
0.05
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]