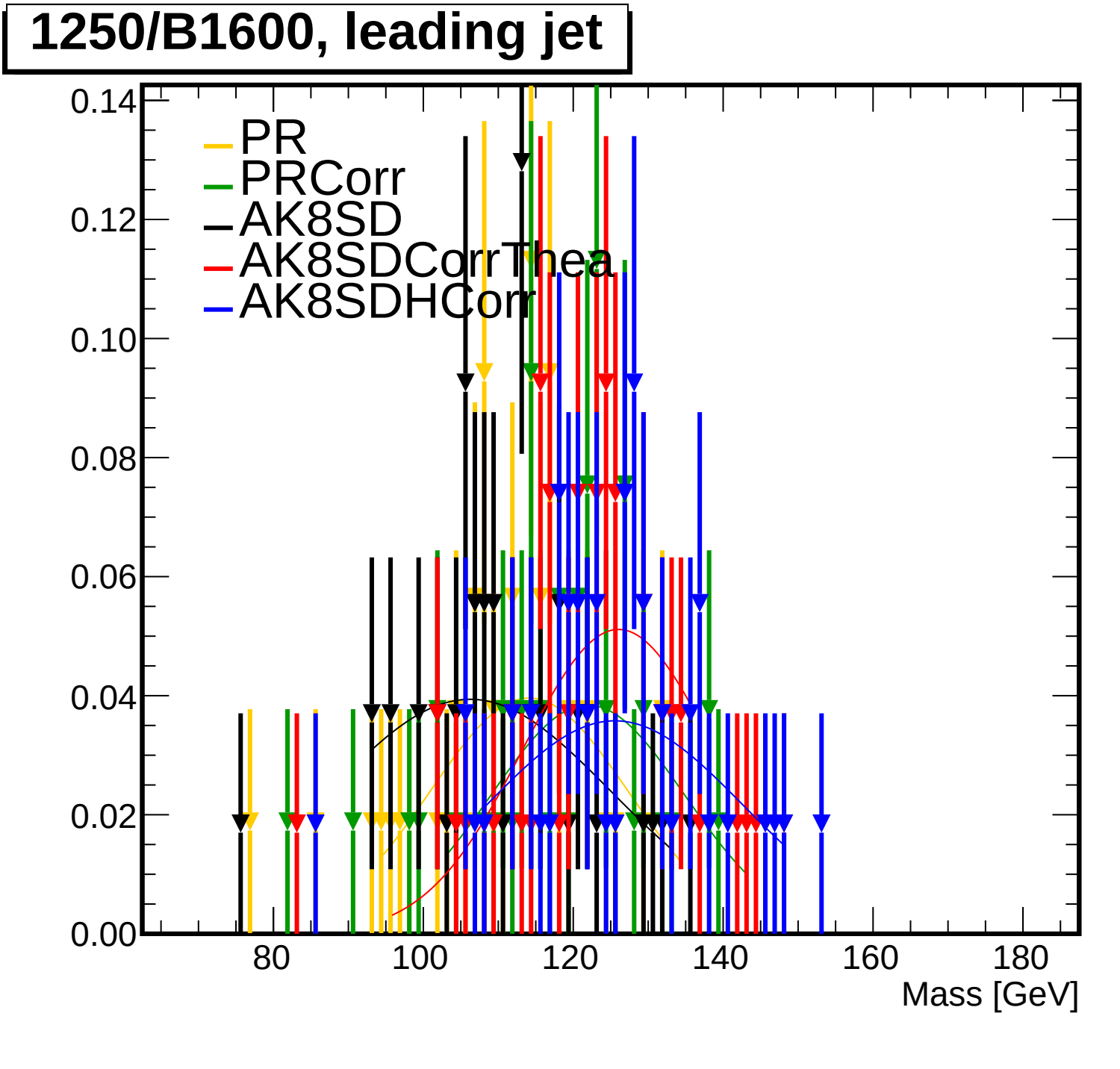
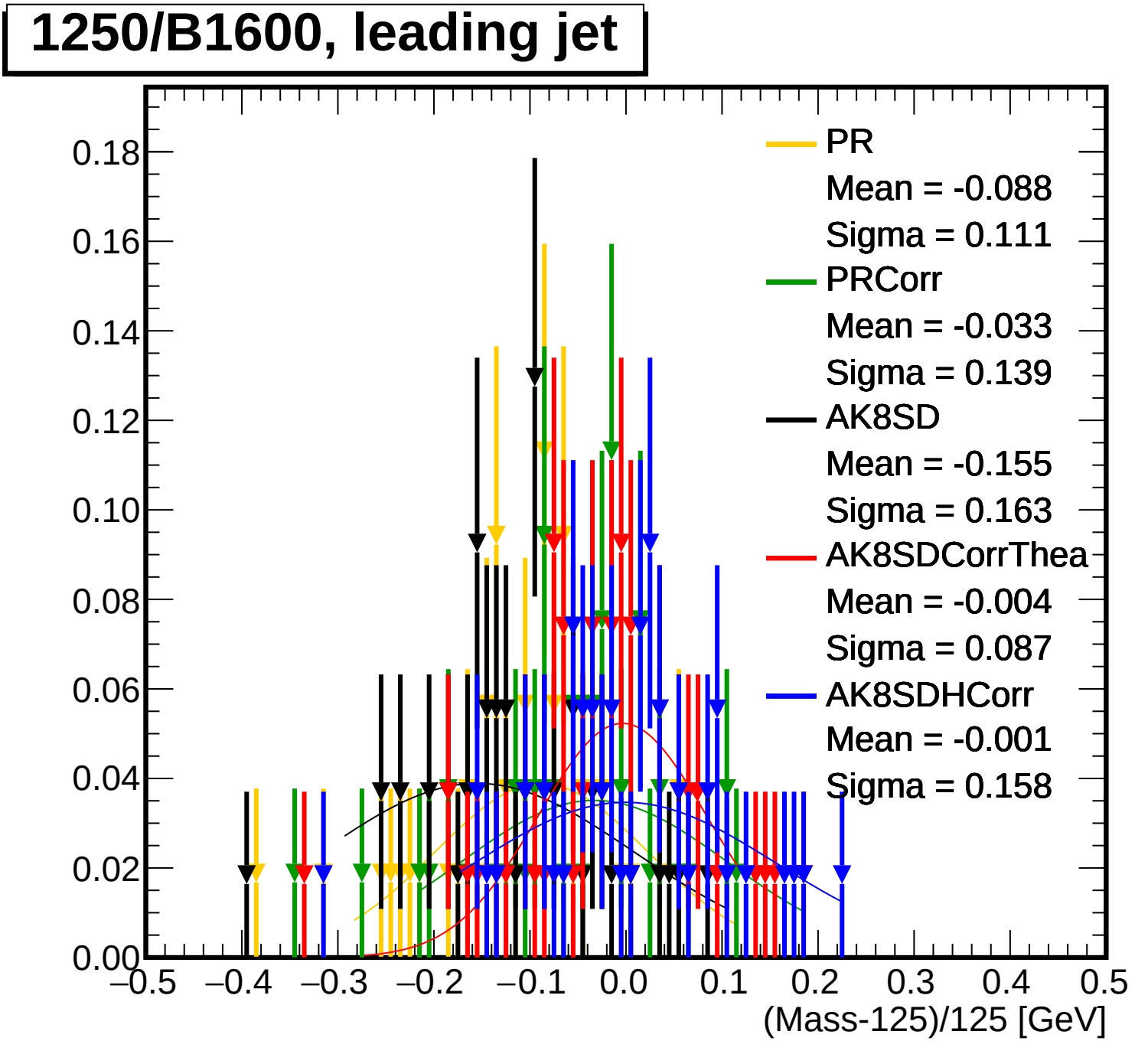
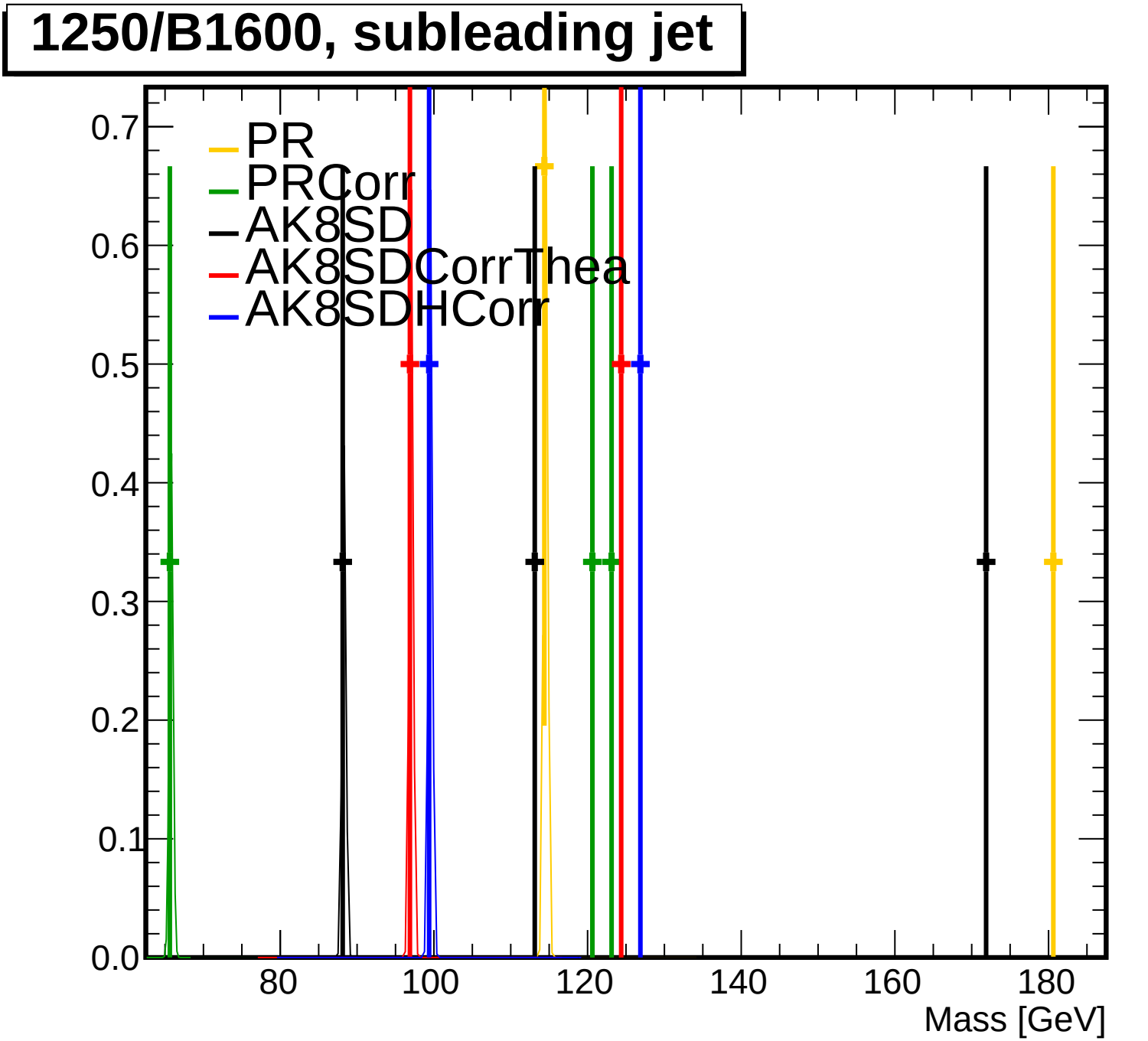
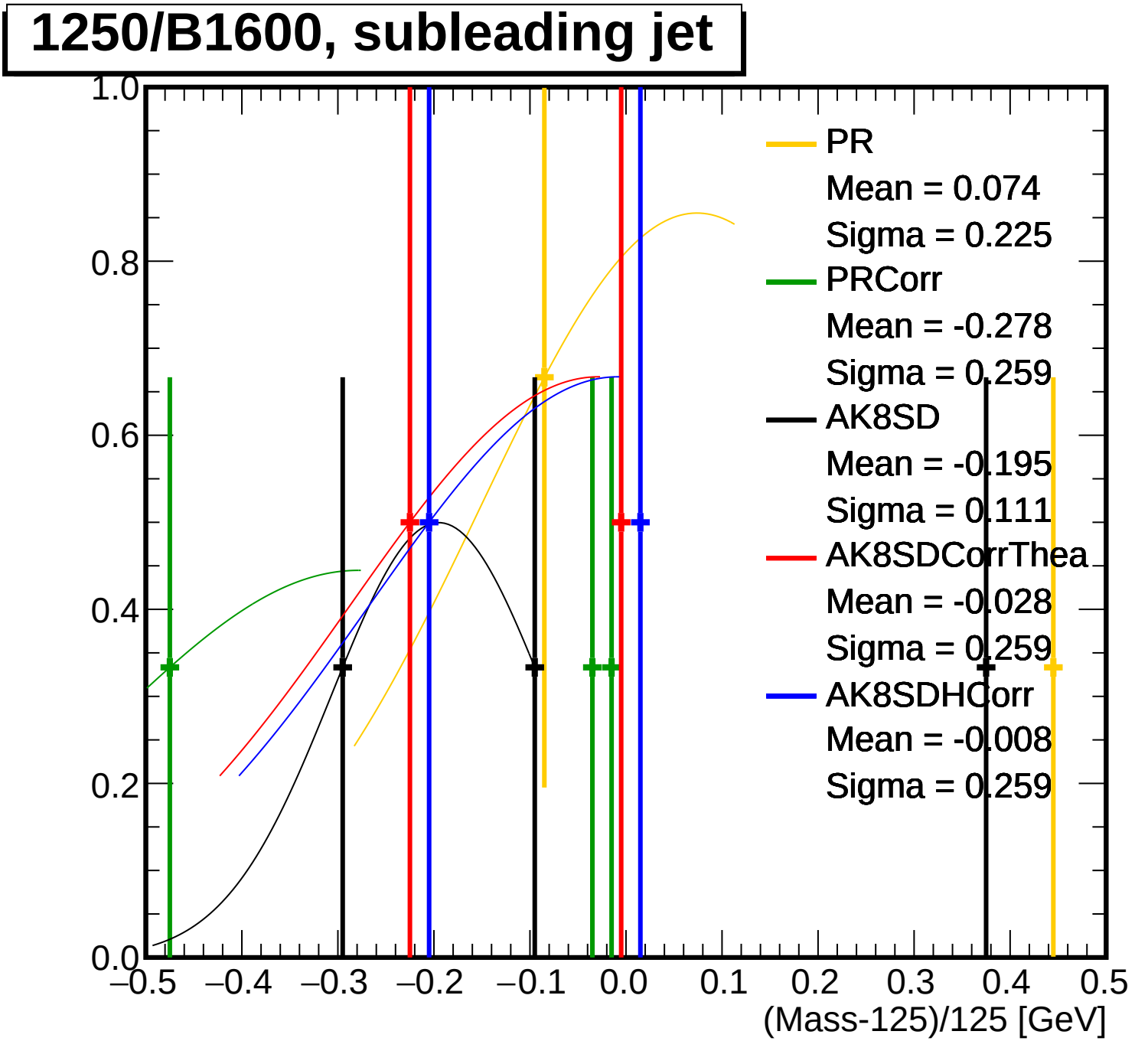
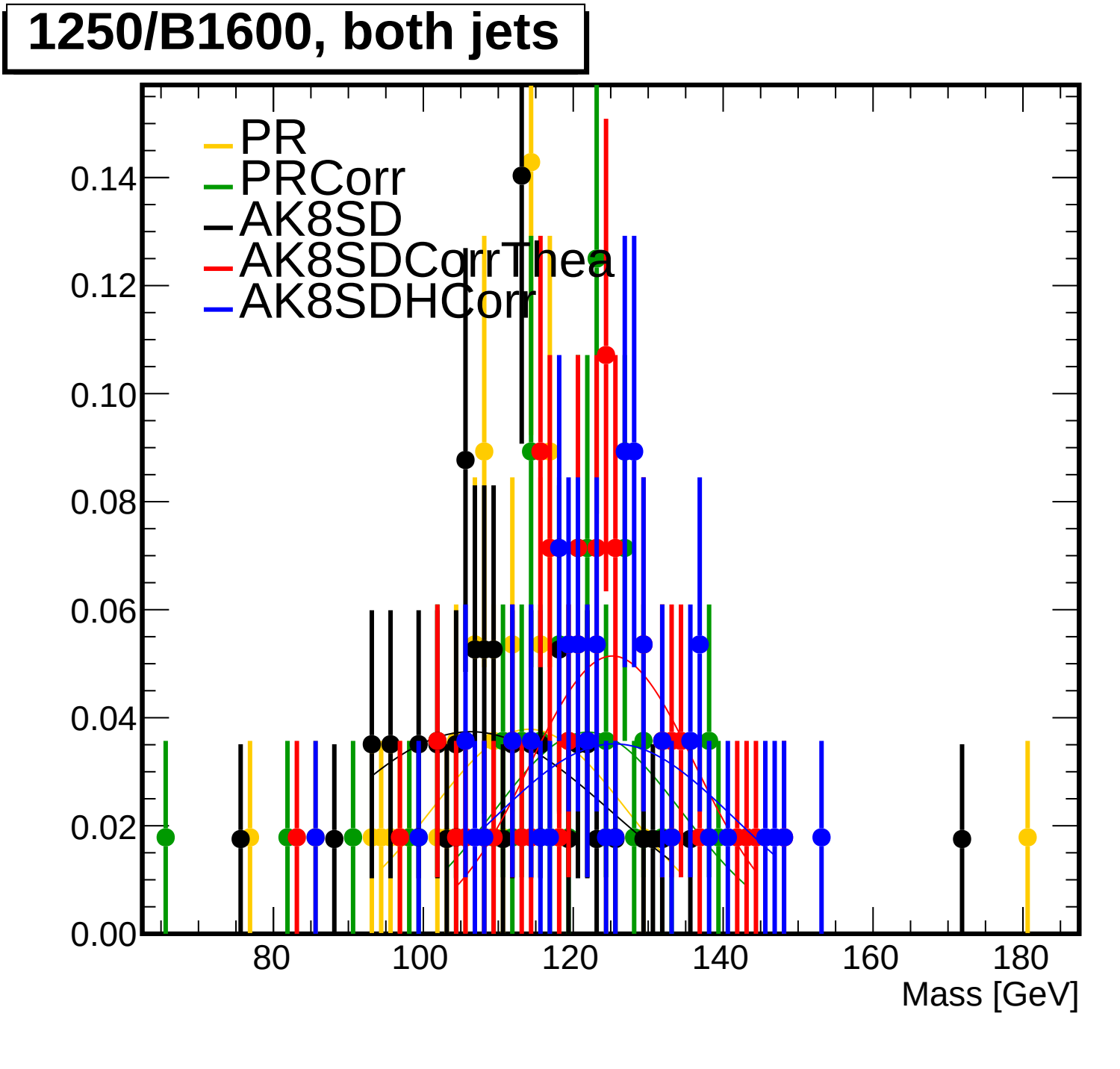
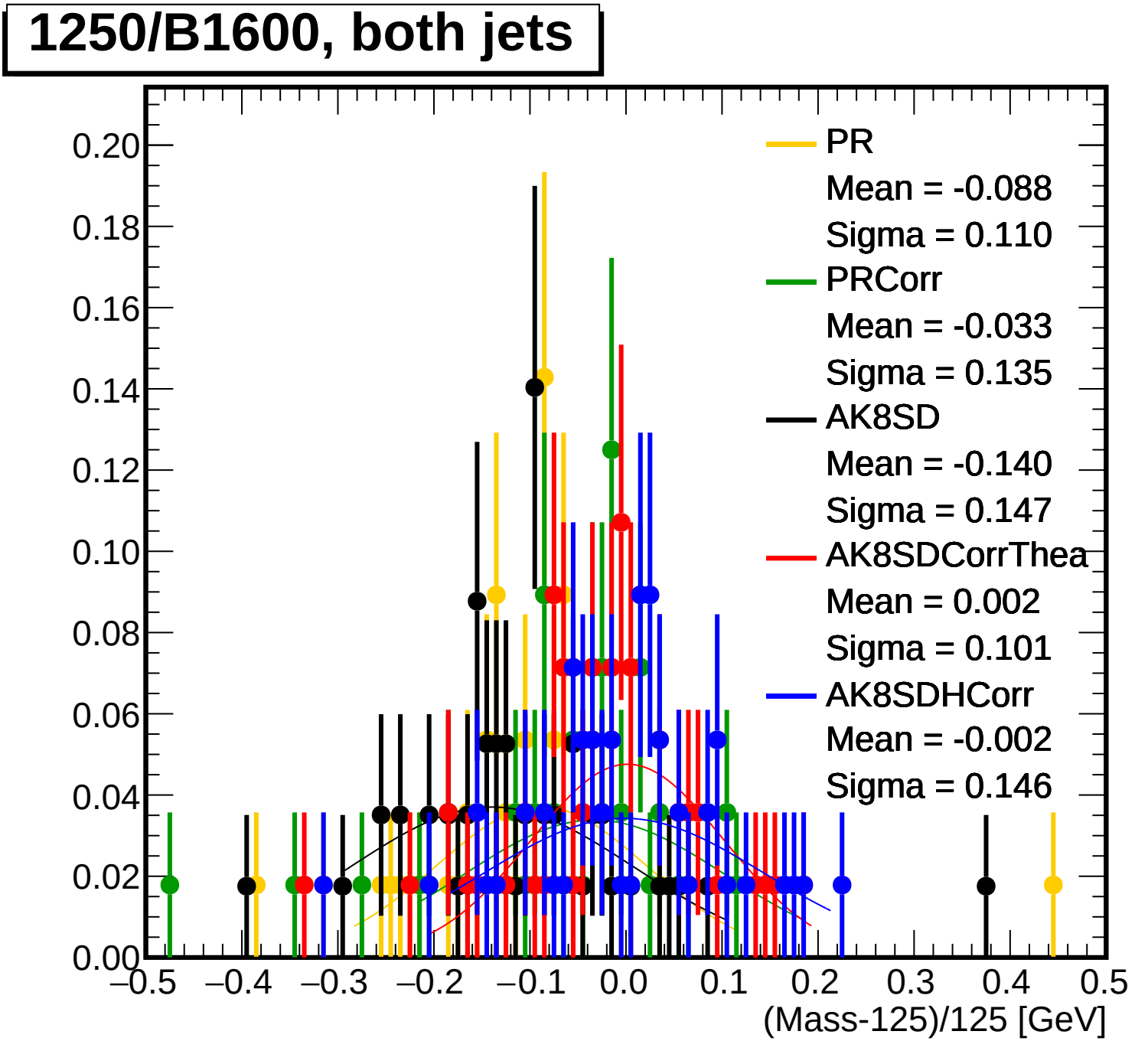

1250/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

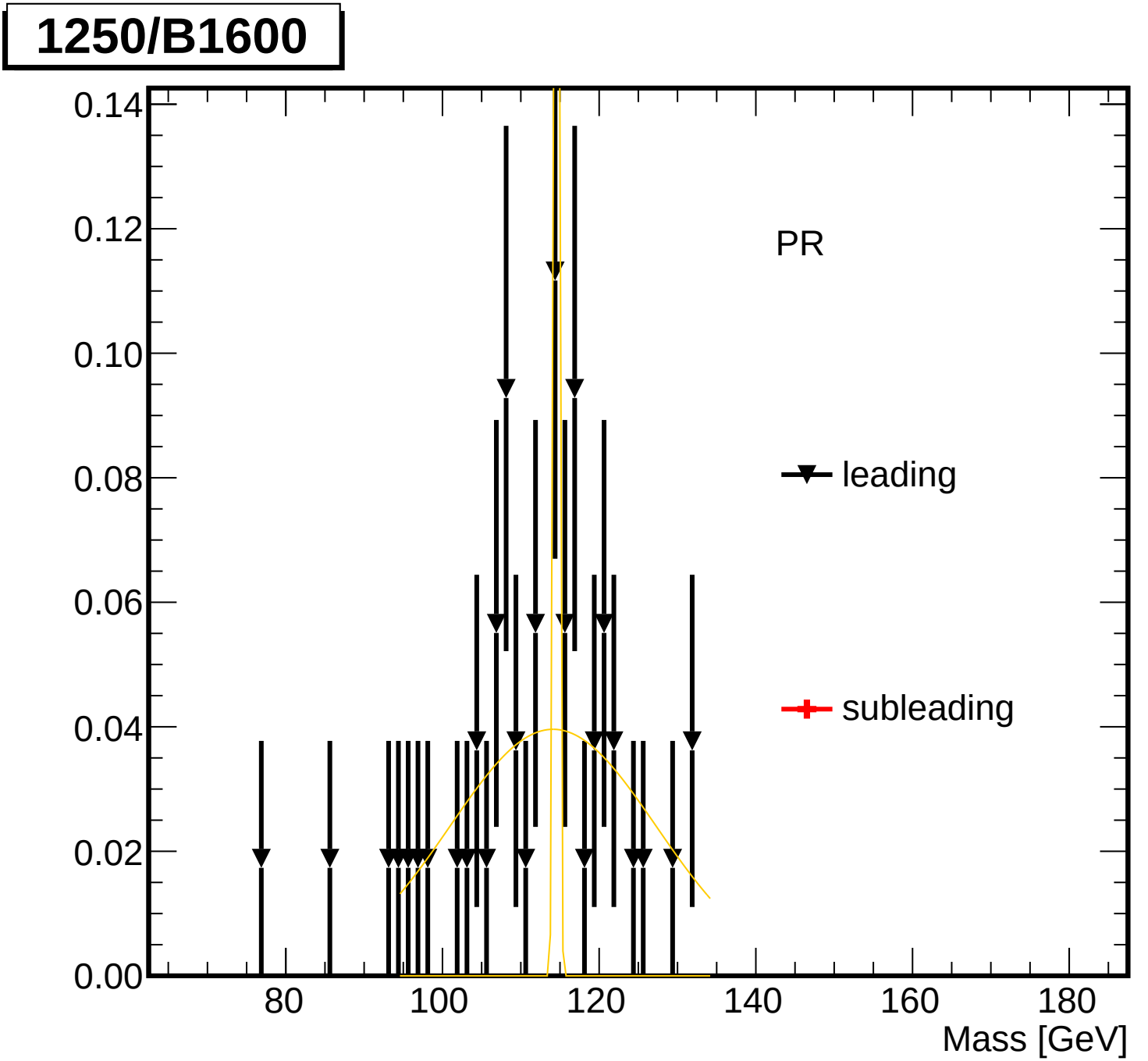

1250/B1600, leading jet
PR
Mean = -0.088
Sigma = 0.111
PRCorr
Mean = -0.033
Sigma = 0.139
AK8SD
Mean = -0.155
Sigma = 0.163
AK8SDCorrThea
Mean = -0.004
Sigma = 0.087
AK8SDHCorr
Mean = -0.001
Sigma = 0.158
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

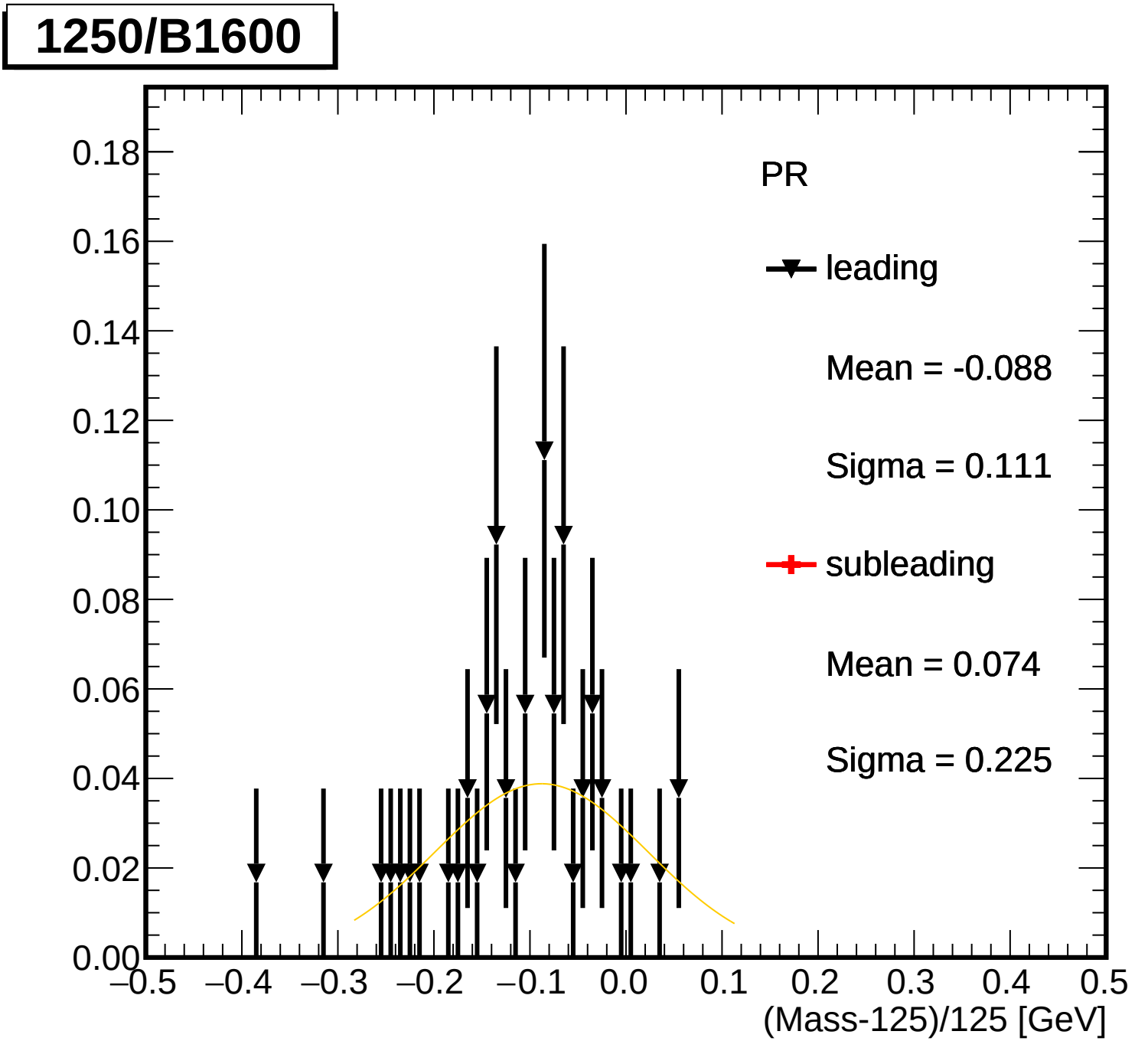

1250/B1600, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]

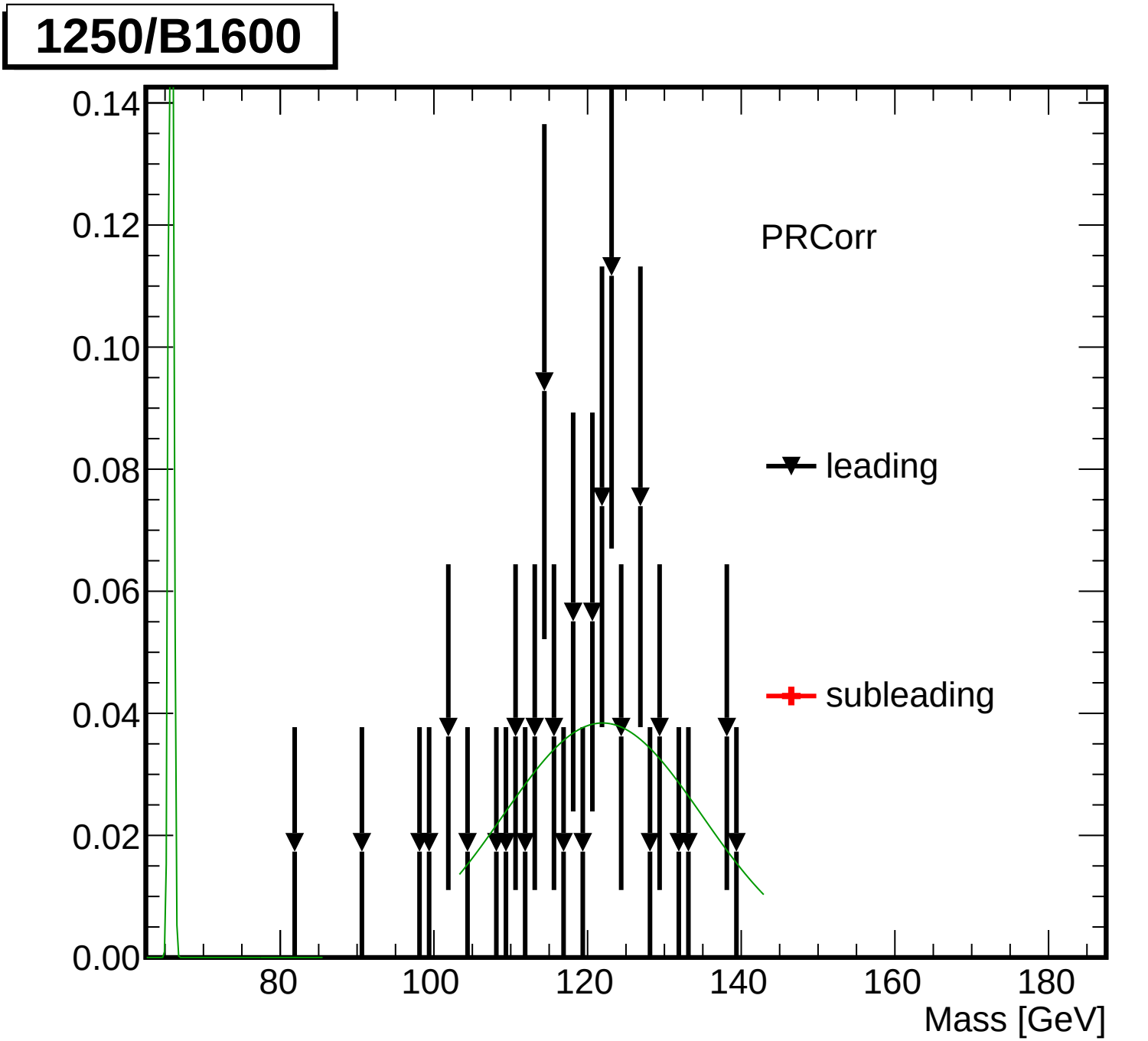

1250/B1600, subleading jet
PR
Mean = 0.074
Sigma = 0.225
PRCorr
Mean = -0.278
Sigma = 0.259
AK8SD
Mean = -0.195
Sigma = 0.111
AK8SDCorrThea
Mean = -0.028
Sigma = 0.259
AK8SDHCorr
Mean = -0.008
Sigma = 0.259
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

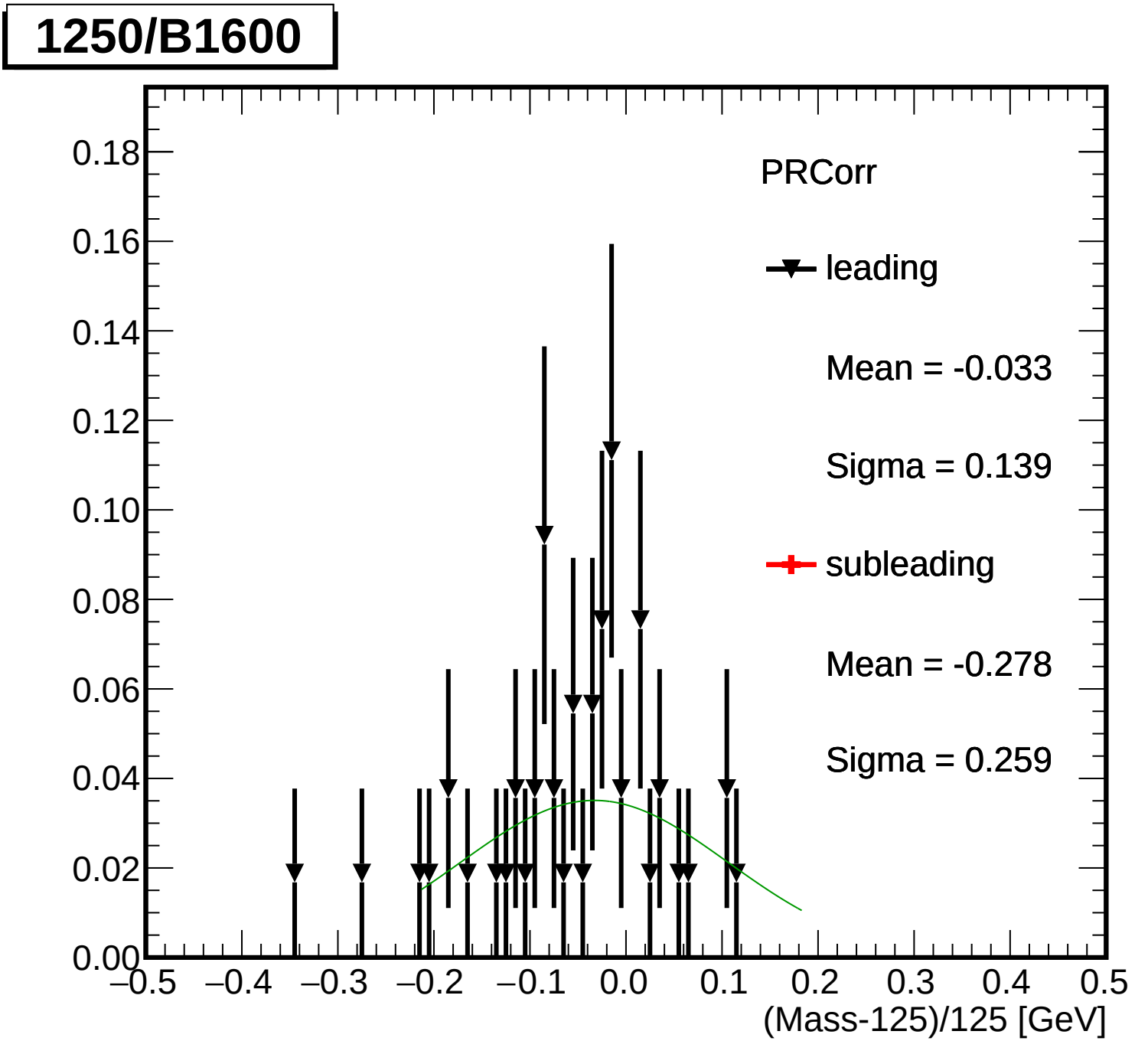

1250/B1600, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

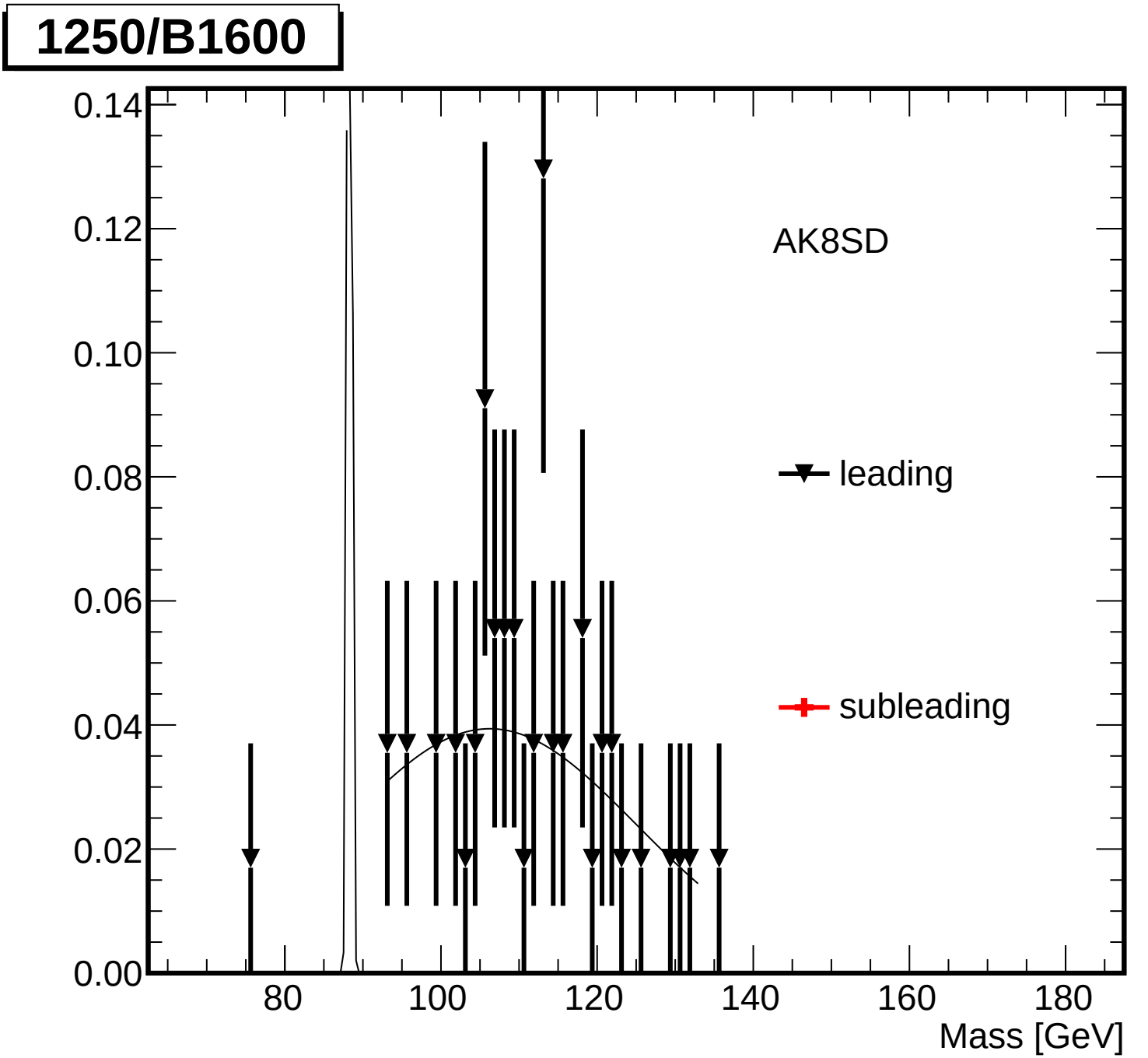

1250/B1600, both jets
PR
Mean = -0.088
Sigma = 0.110
PRCorr
Mean = -0.033
Sigma = 0.135
AK8SD
Mean = -0.140
Sigma = 0.147
AK8SDCorrThea
Mean = 0.002
Sigma = 0.101
AK8SDHCorr
Mean = -0.002
Sigma = 0.146
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

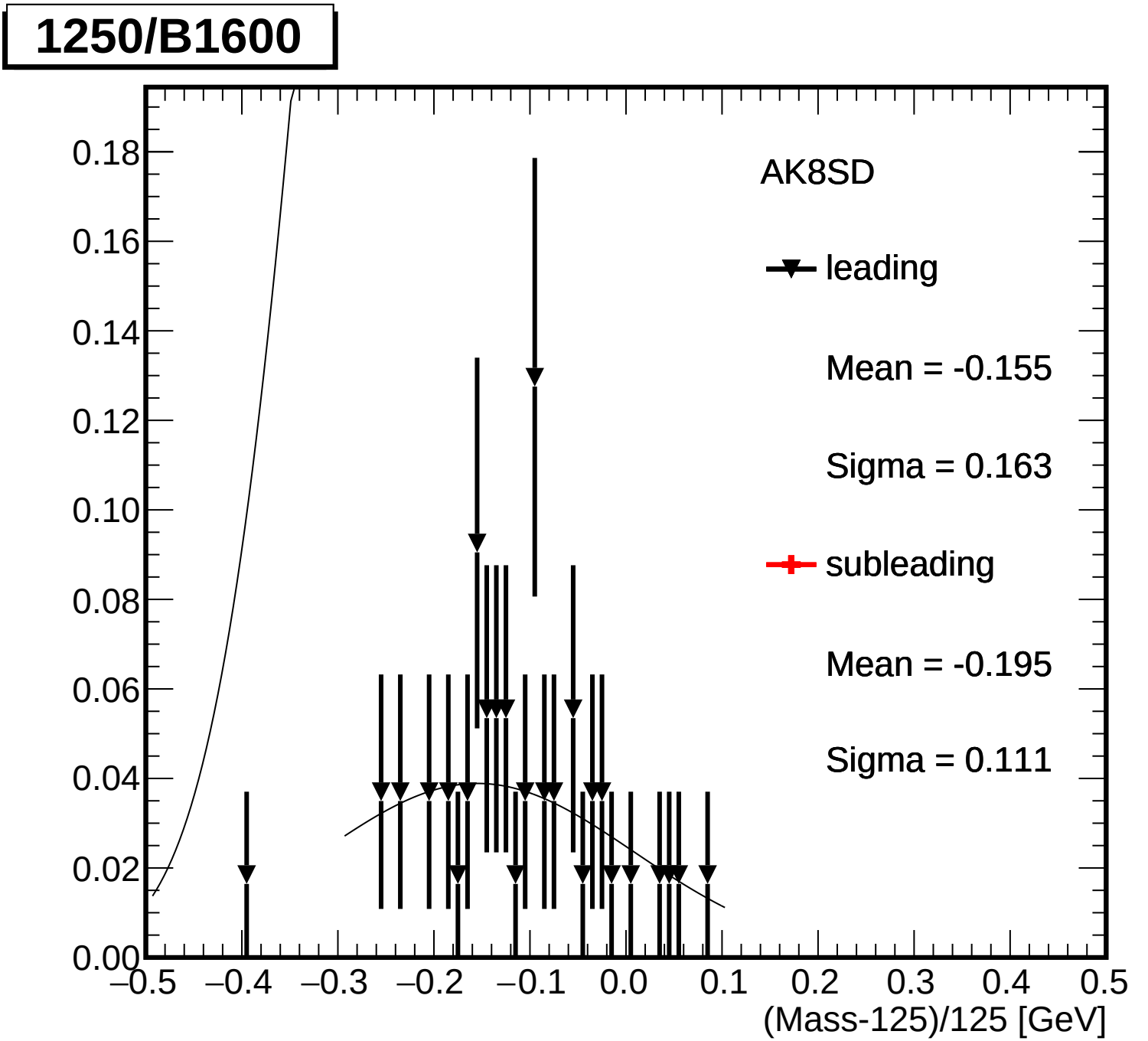

1250/B1600
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

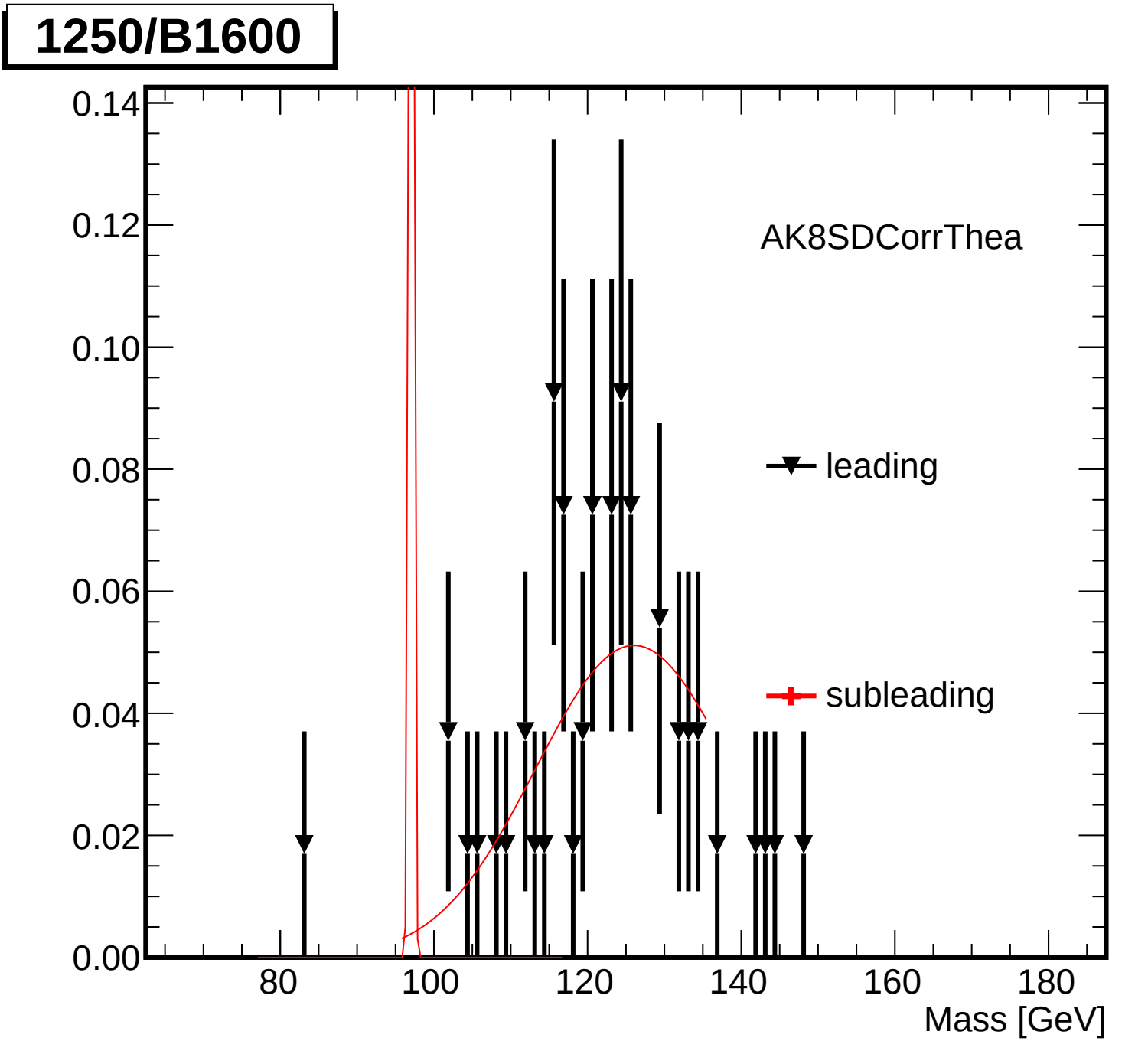

1250/B1600
PR
leading
Mean = -0.088
Sigma = 0.111
subleading
Mean = 0.074
Sigma = 0.225
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

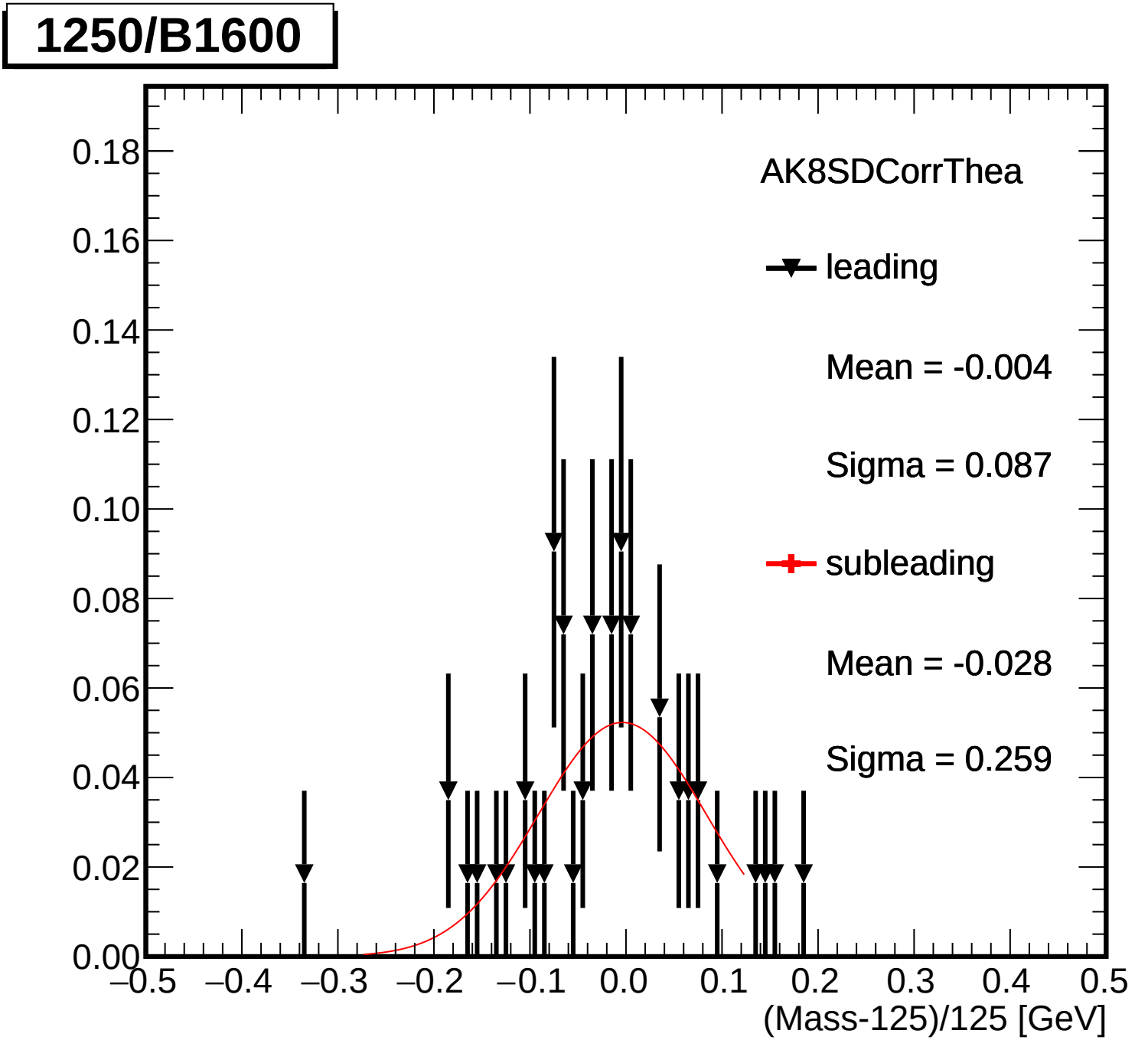

1250/B1600
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

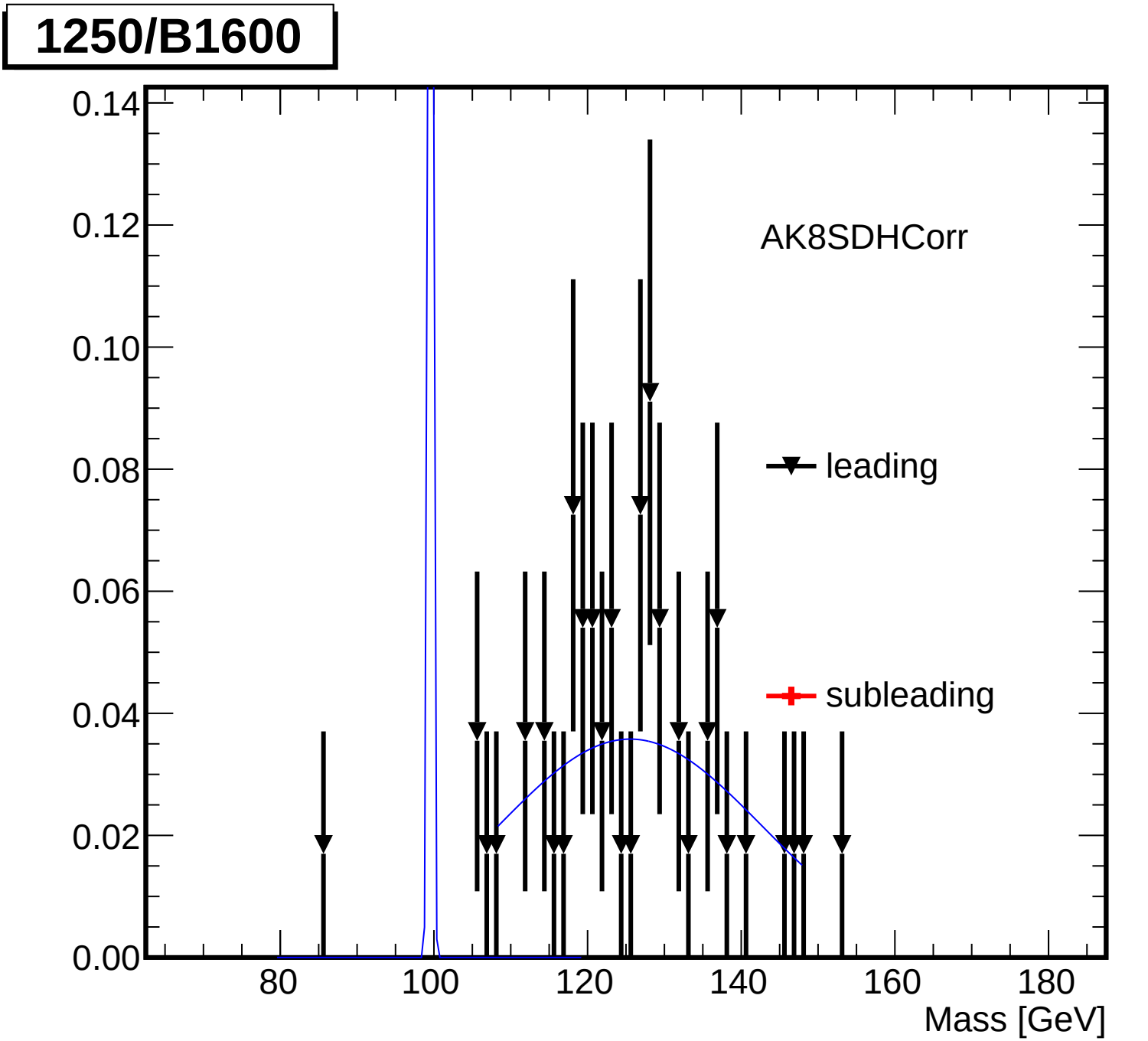

1250/B1600
PRCorr
leading
Mean = -0.033
Sigma = 0.139
subleading
Mean = -0.278
Sigma = 0.259
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

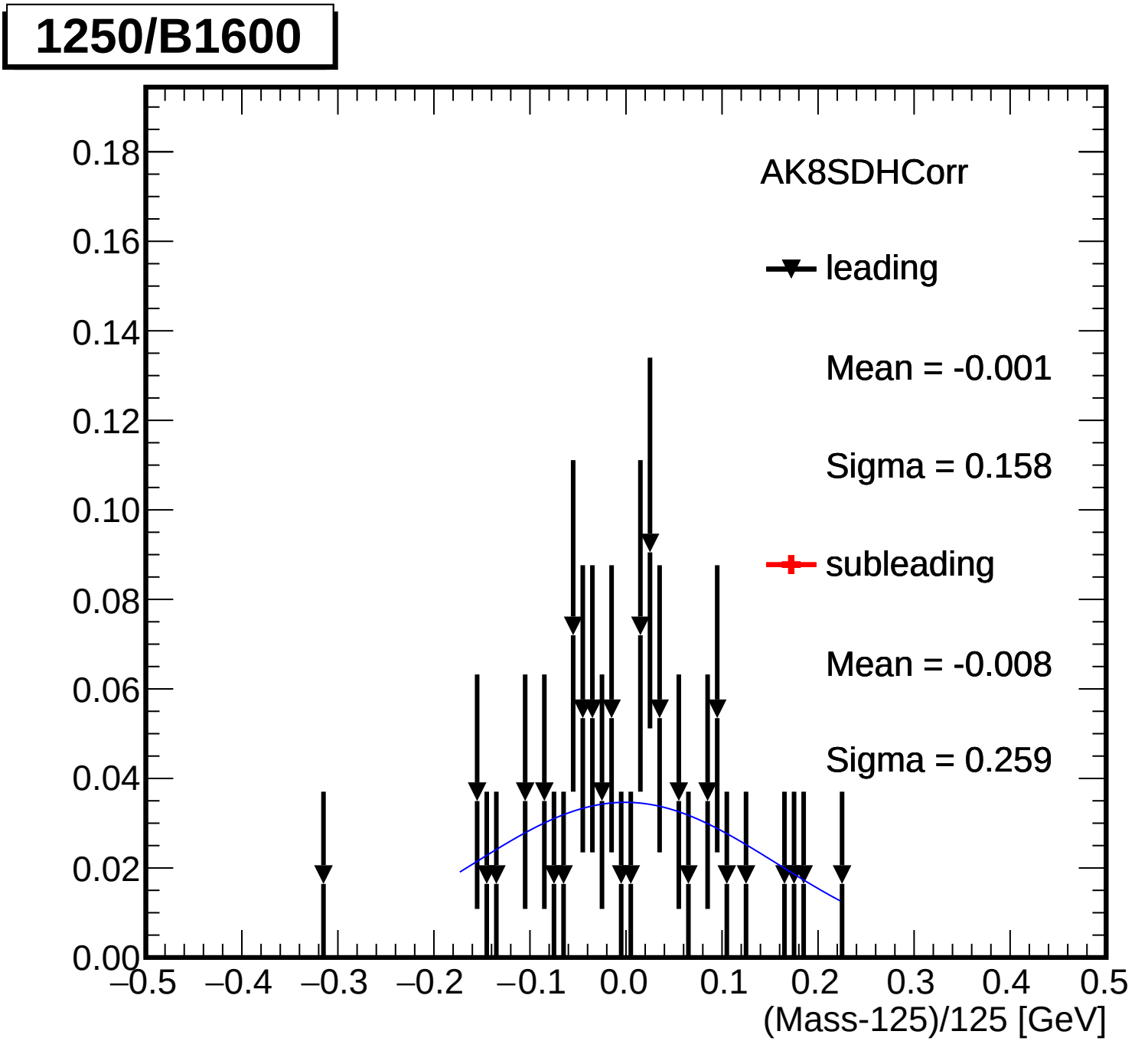

1250/B1600
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


1250/B1600
AK8SD
leading
Mean = -0.155
Sigma = 0.163
subleading
Mean = -0.195
Sigma = 0.111
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]


1250/B1600
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


1250/B1600
AK8SDCorrThea
leading
Mean = -0.004
Sigma = 0.087
subleading
Mean = -0.028
Sigma = 0.259
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]


1250/B1600
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


1250/B1600
AK8SDHCorr
leading
Mean = -0.001
Sigma = 0.158
subleading
Mean = -0.008
Sigma = 0.259
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]