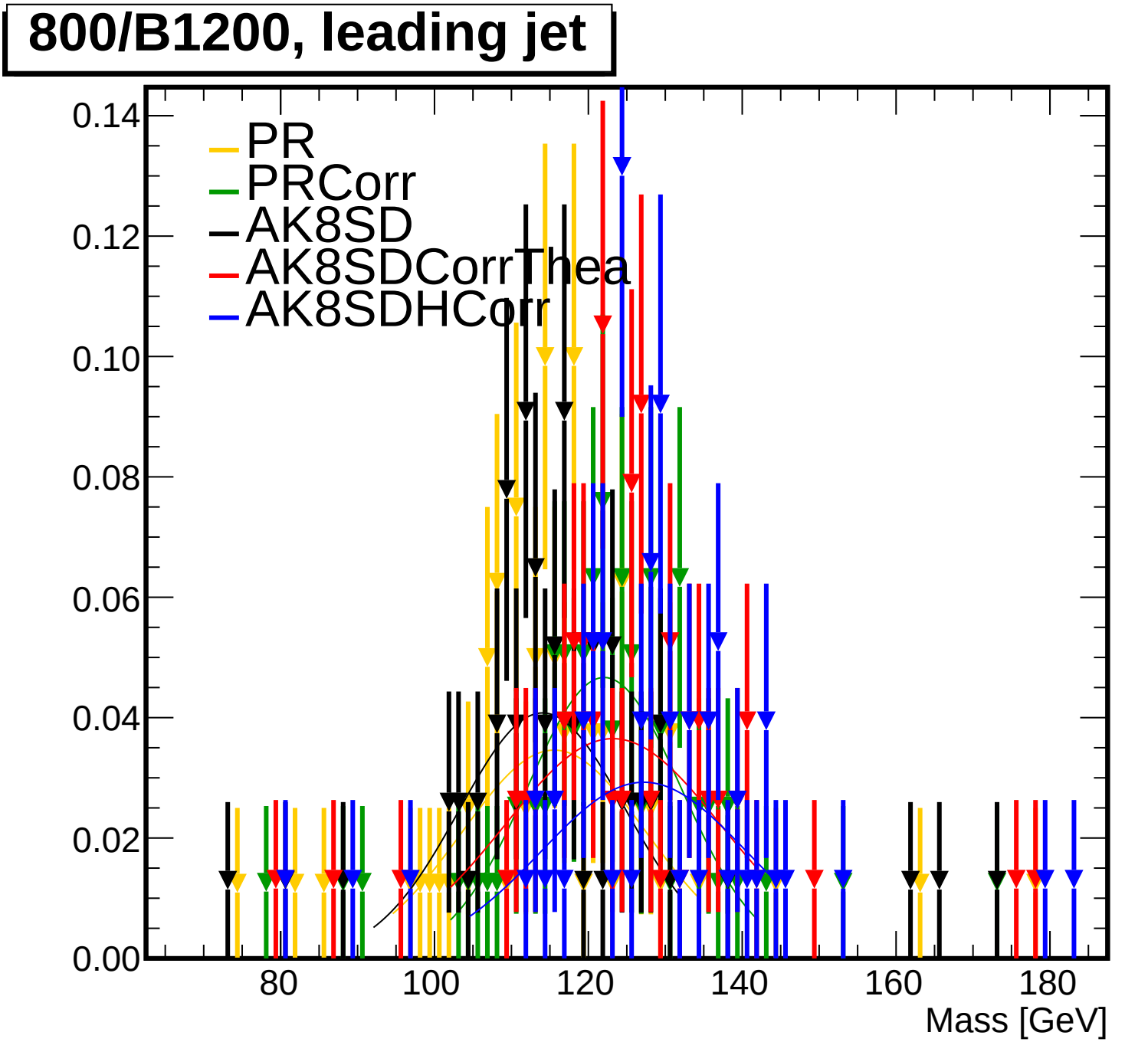
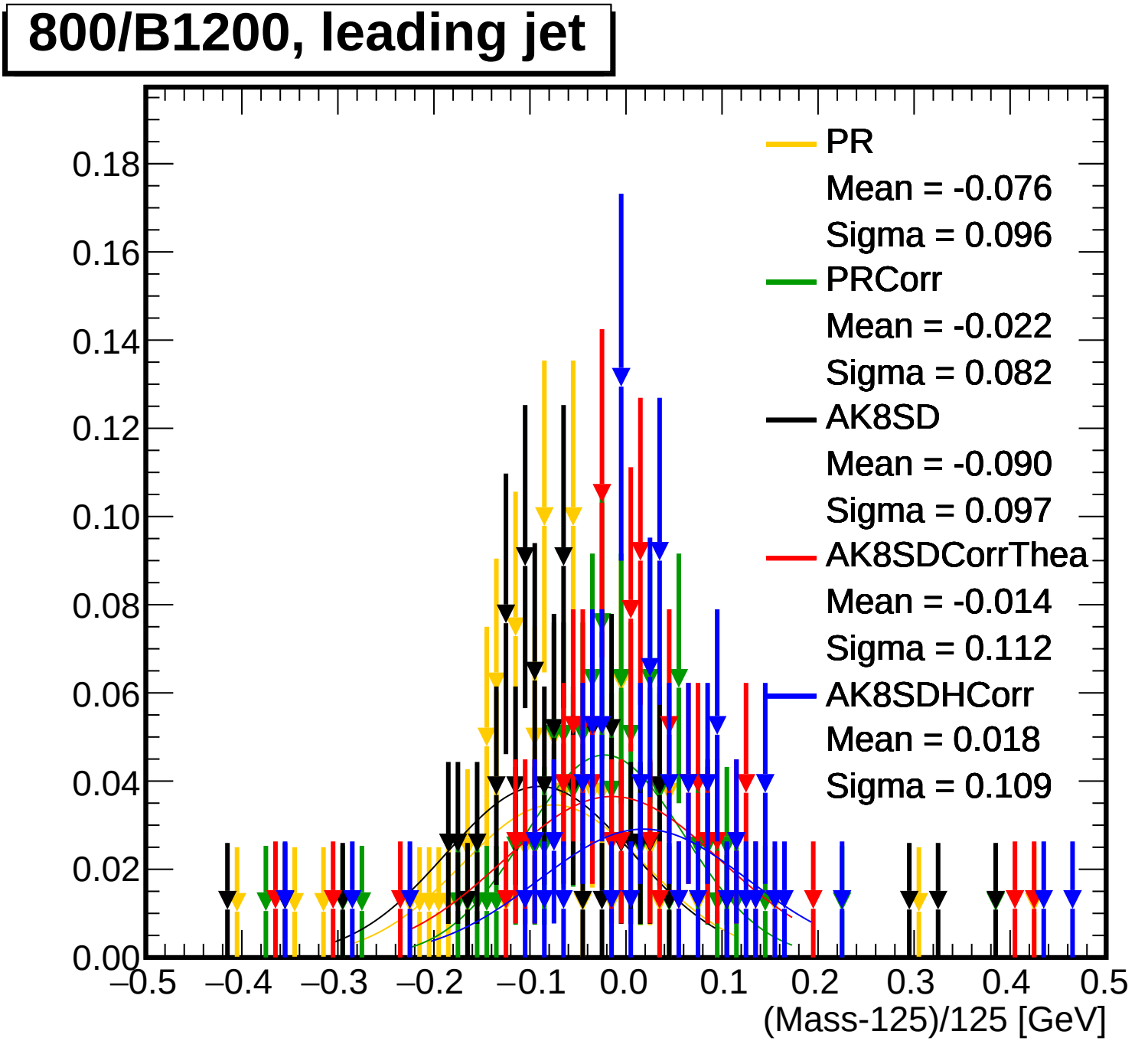
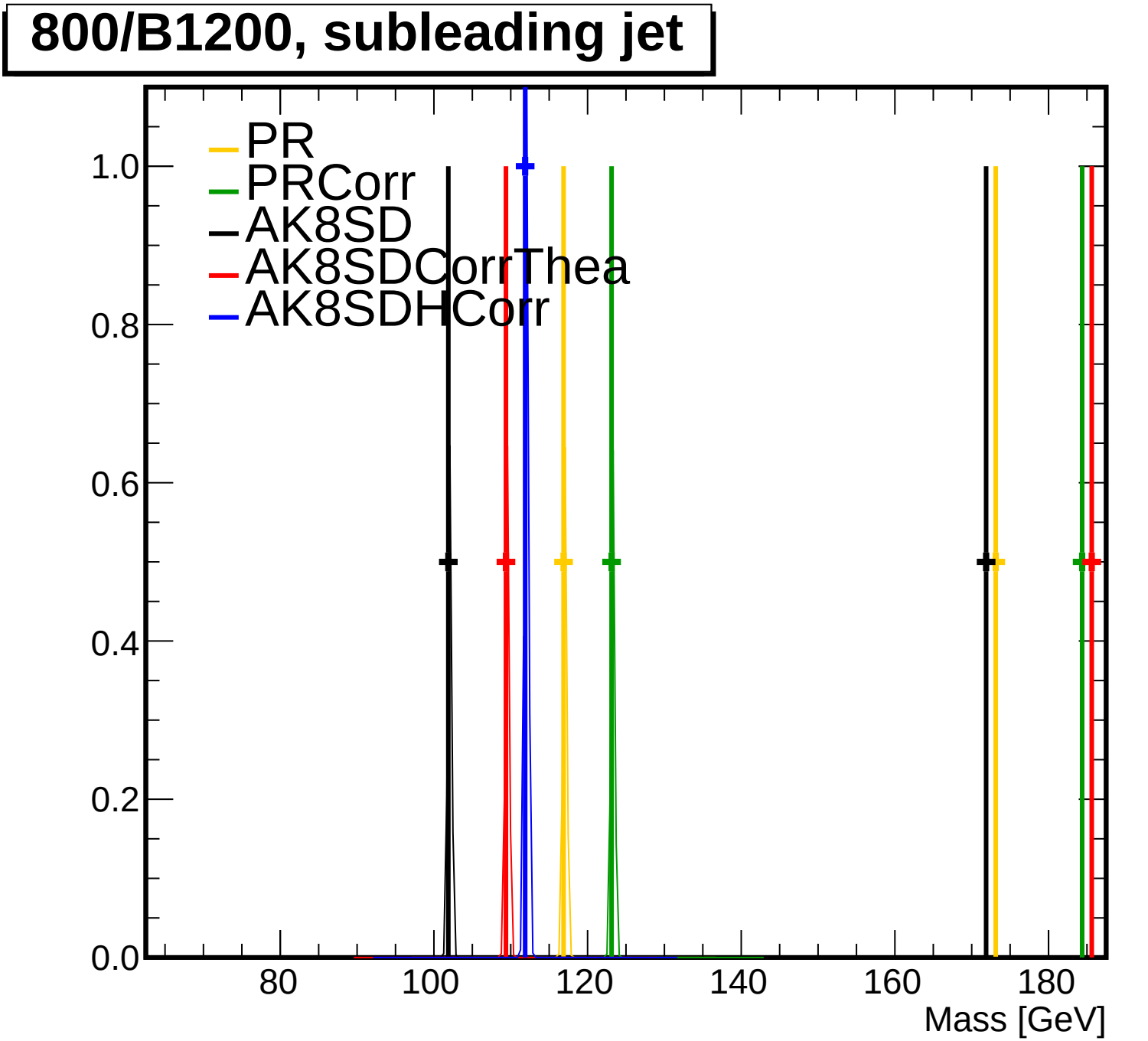
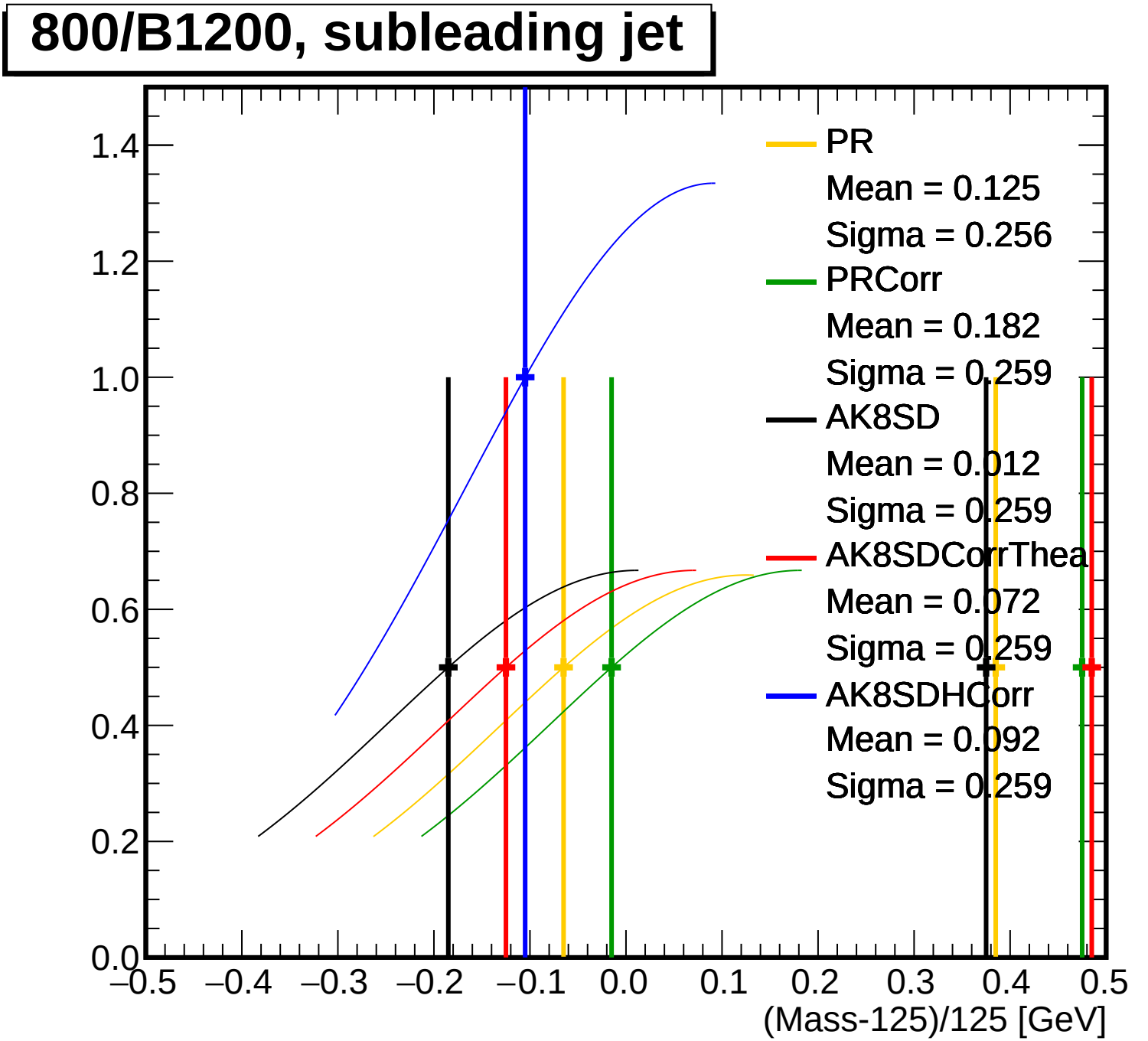
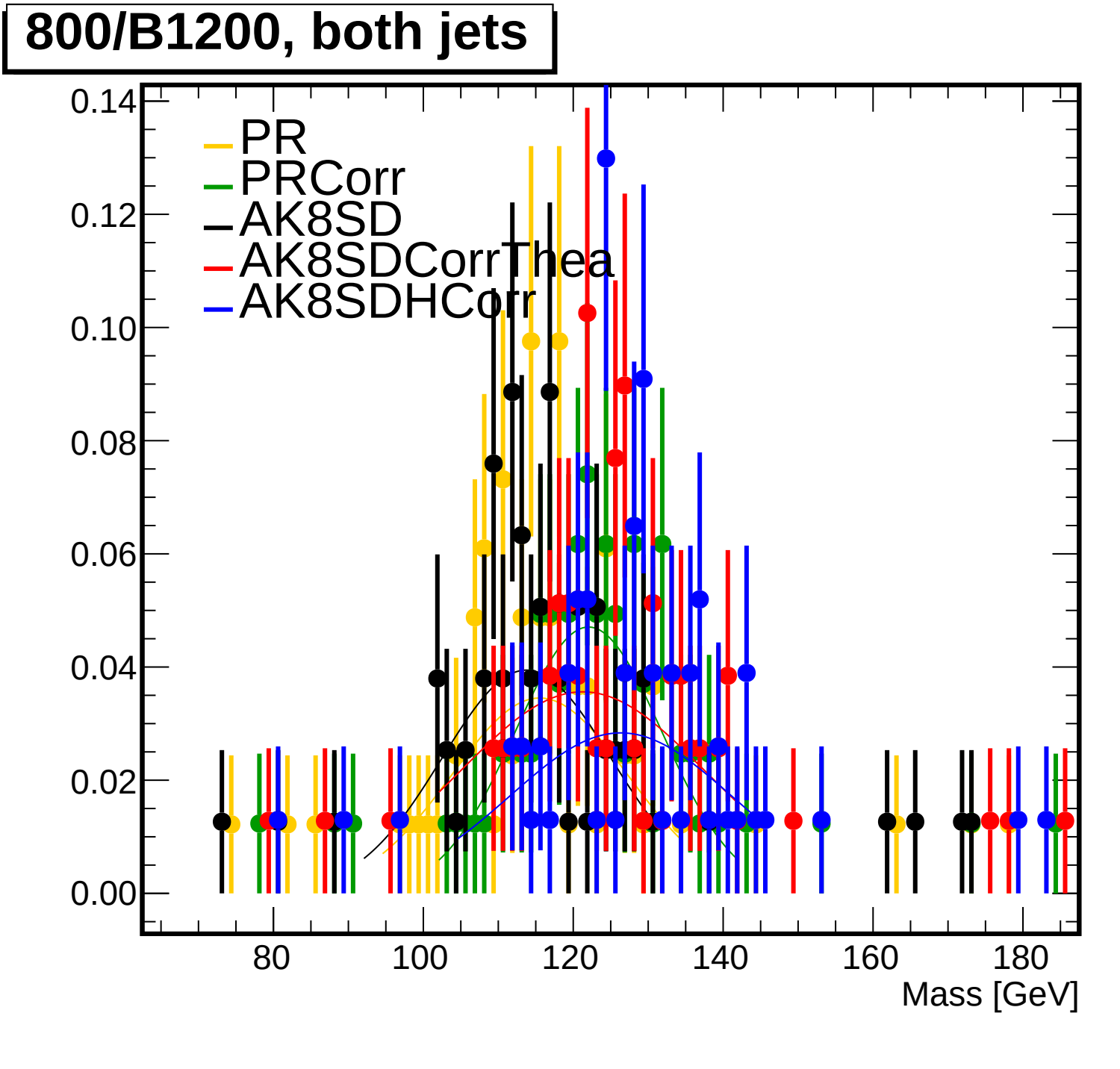
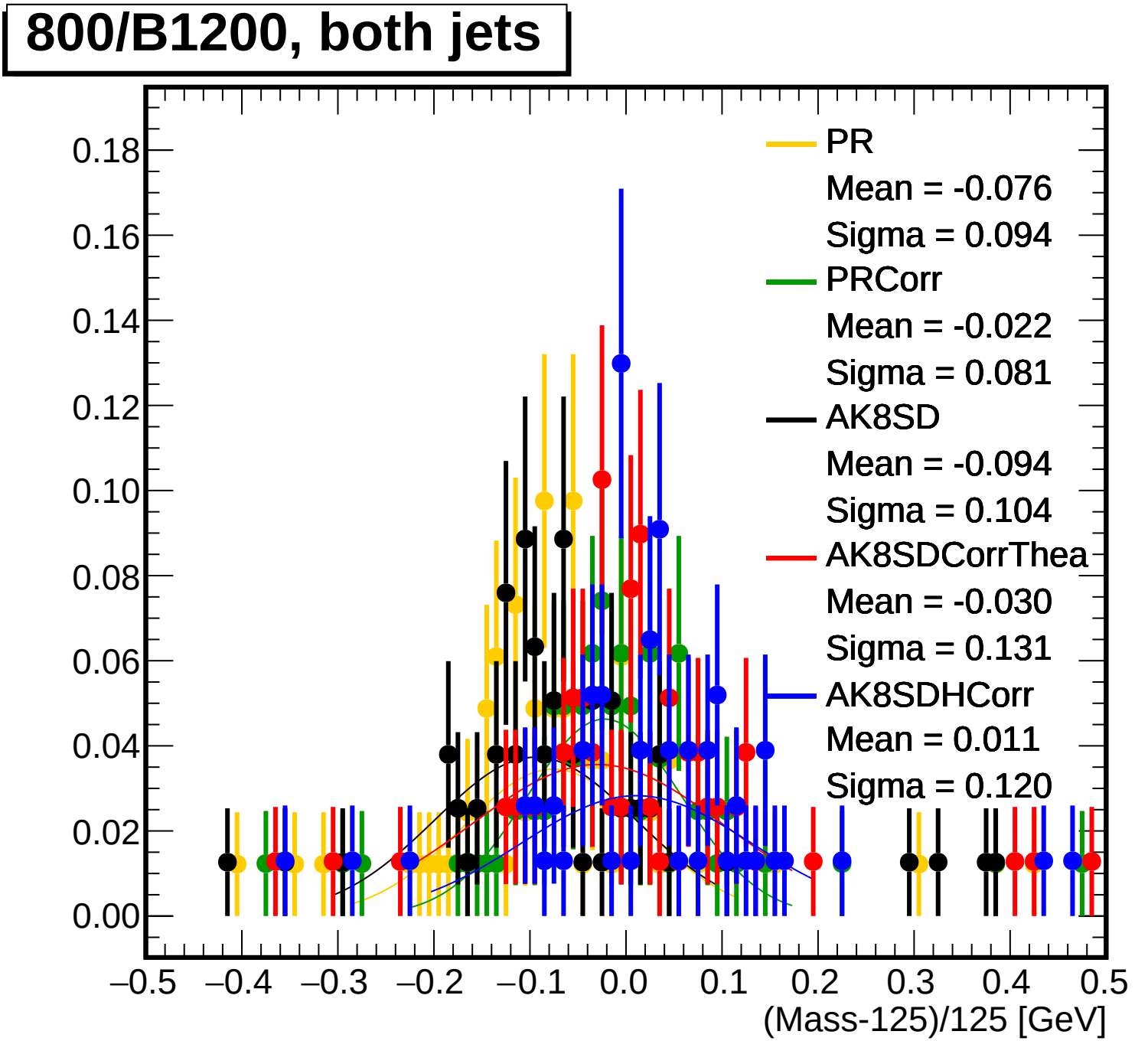

800/B1200, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

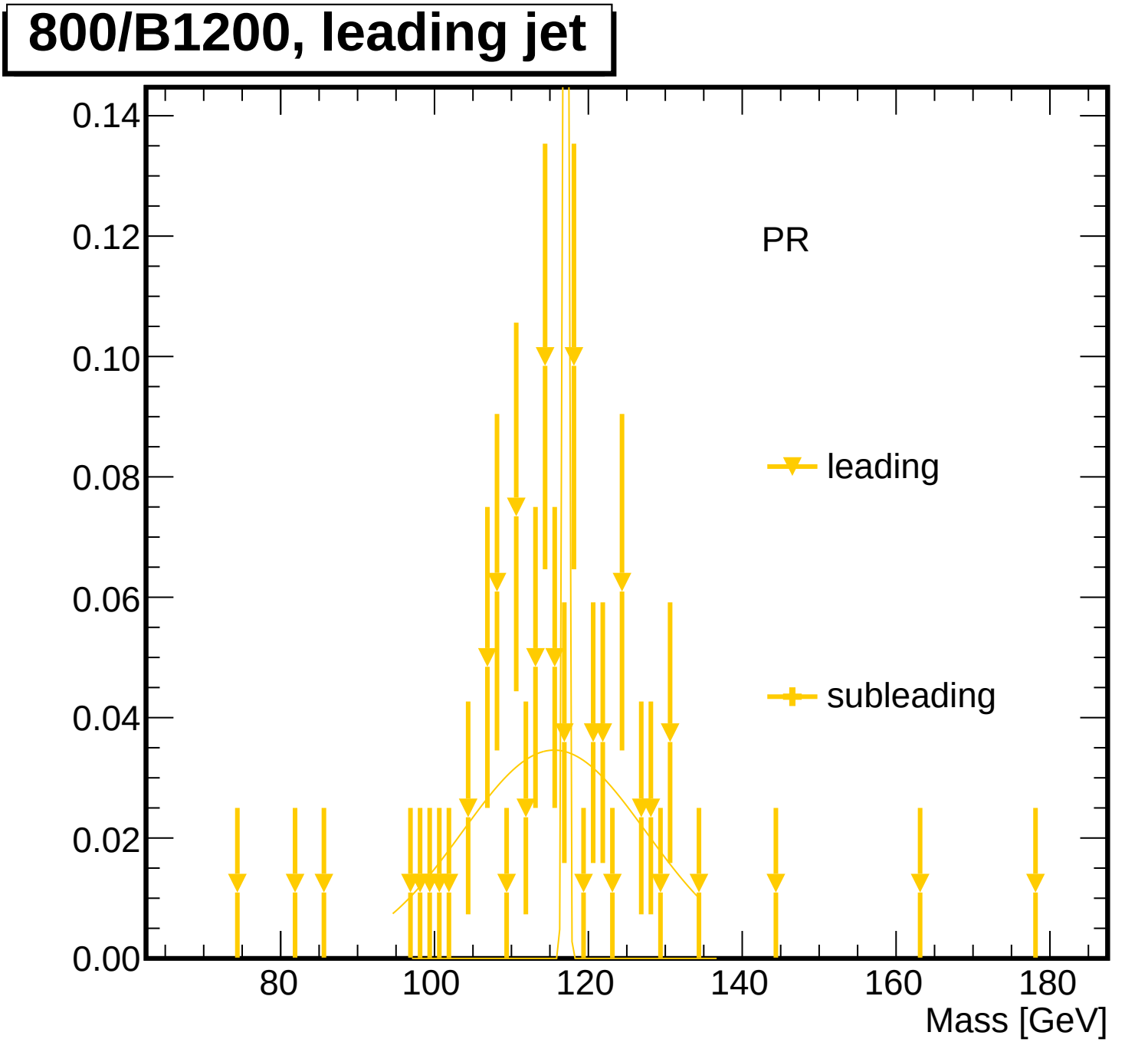

800/B1200, leading jet
PR
Mean = -0.076
Sigma = 0.096
PRCorr
Mean = -0.022
Sigma = 0.082
AK8SD
Mean = -0.090
Sigma = 0.097
AK8SDCorrThea
Mean = -0.014
Sigma = 0.112
AK8SDHCorr
Mean = 0.018
Sigma = 0.109
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

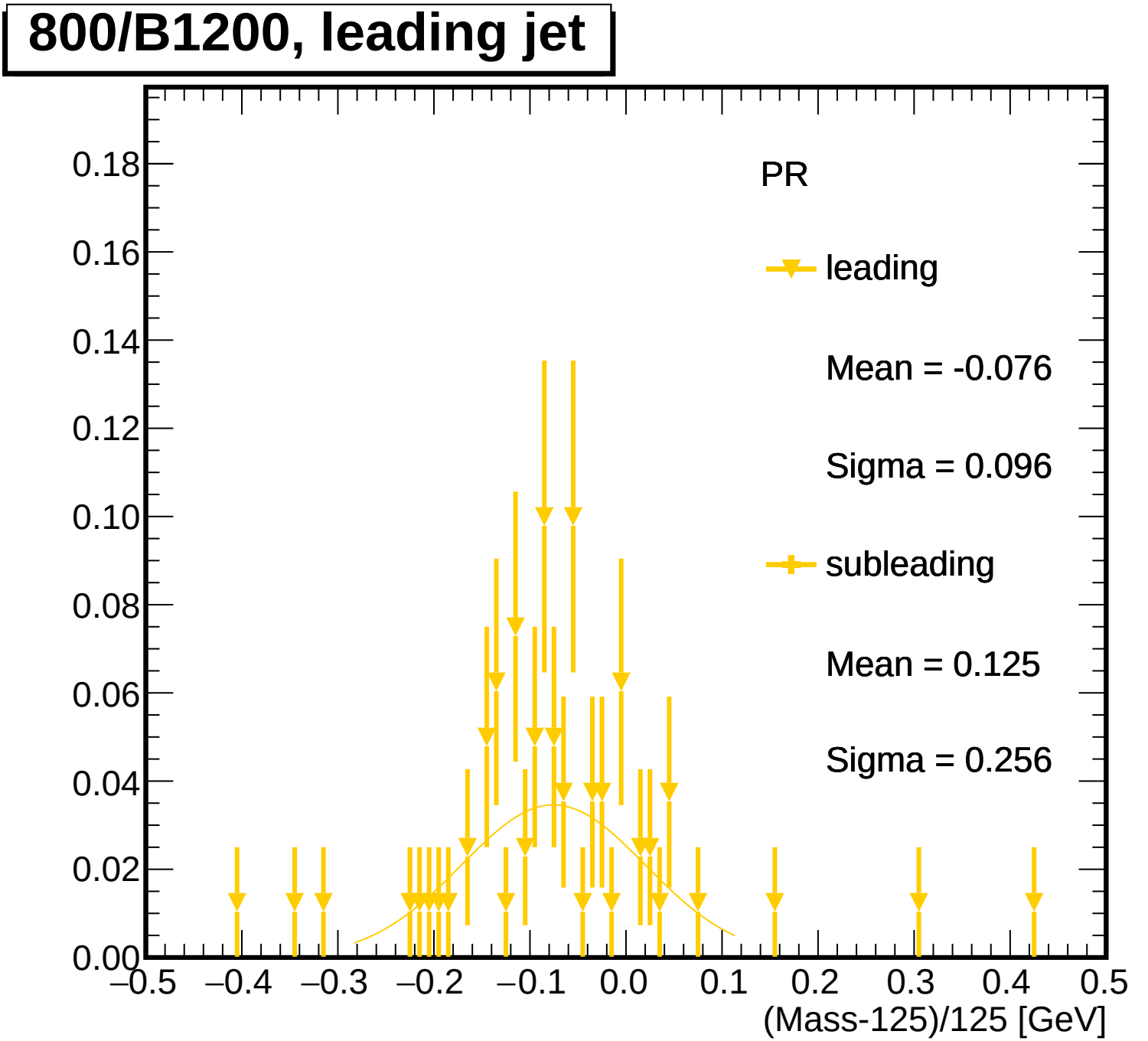

800/B1200, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

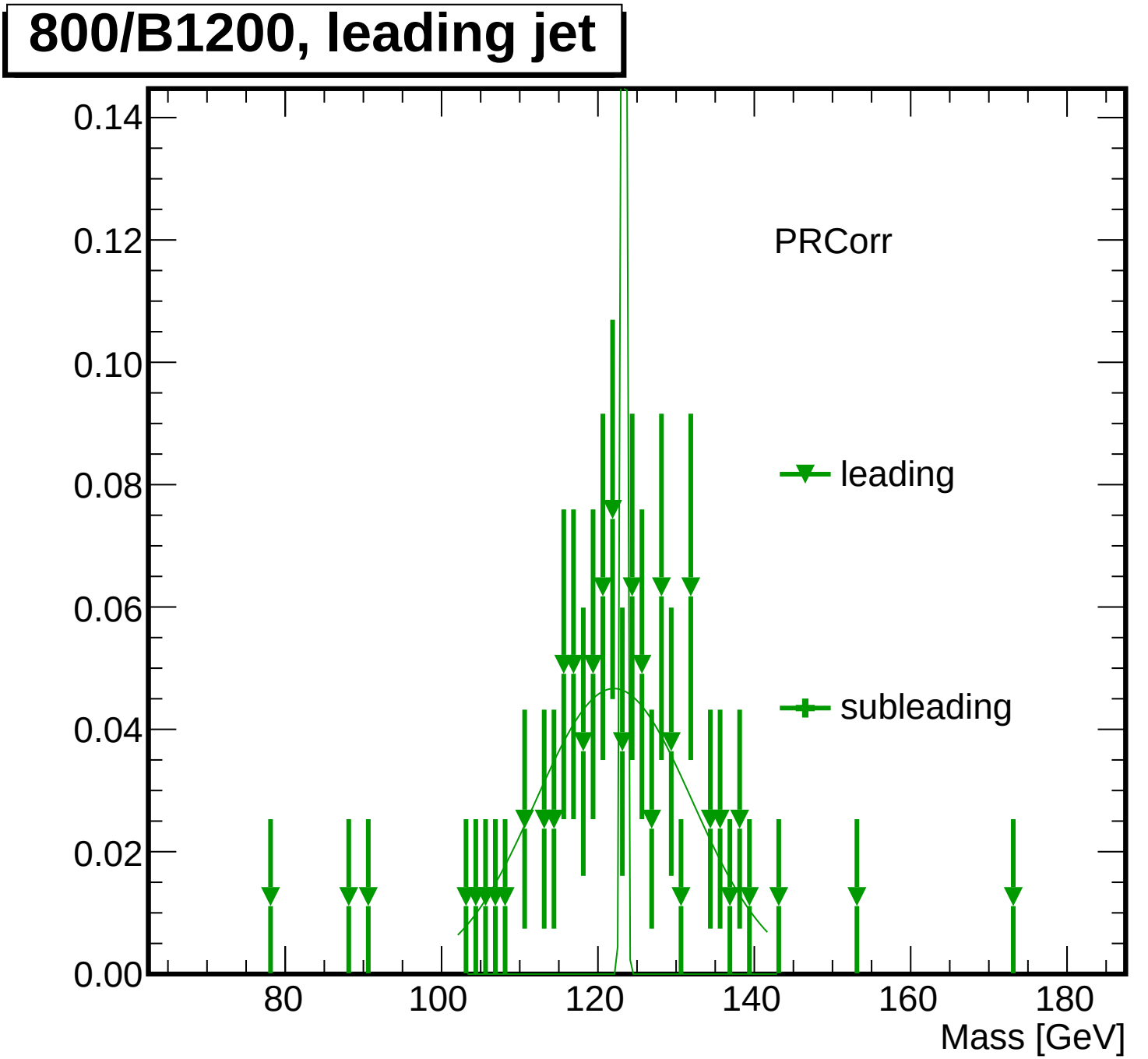

800/B1200, subleading jet
PR
Mean = 0.125
Sigma = 0.256
PRCorr
Mean = 0.182
Sigma = 0.259
AK8SD
Mean = 0.012
Sigma = 0.259
AK8SDCorrThea
Mean = 0.072
Sigma = 0.259
AK8SDHCorr
Mean = 0.092
Sigma = 0.259
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

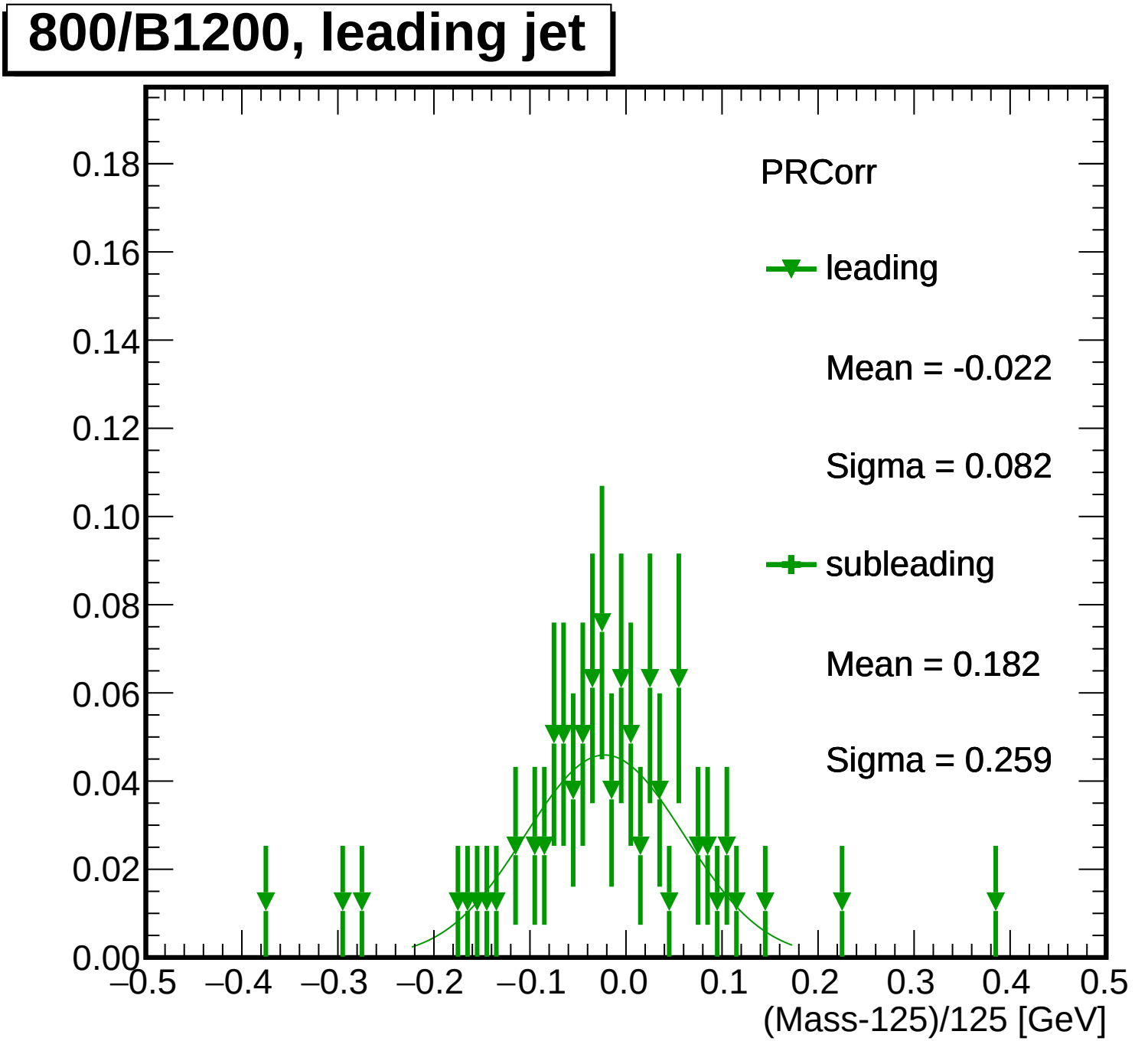

800/B1200, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

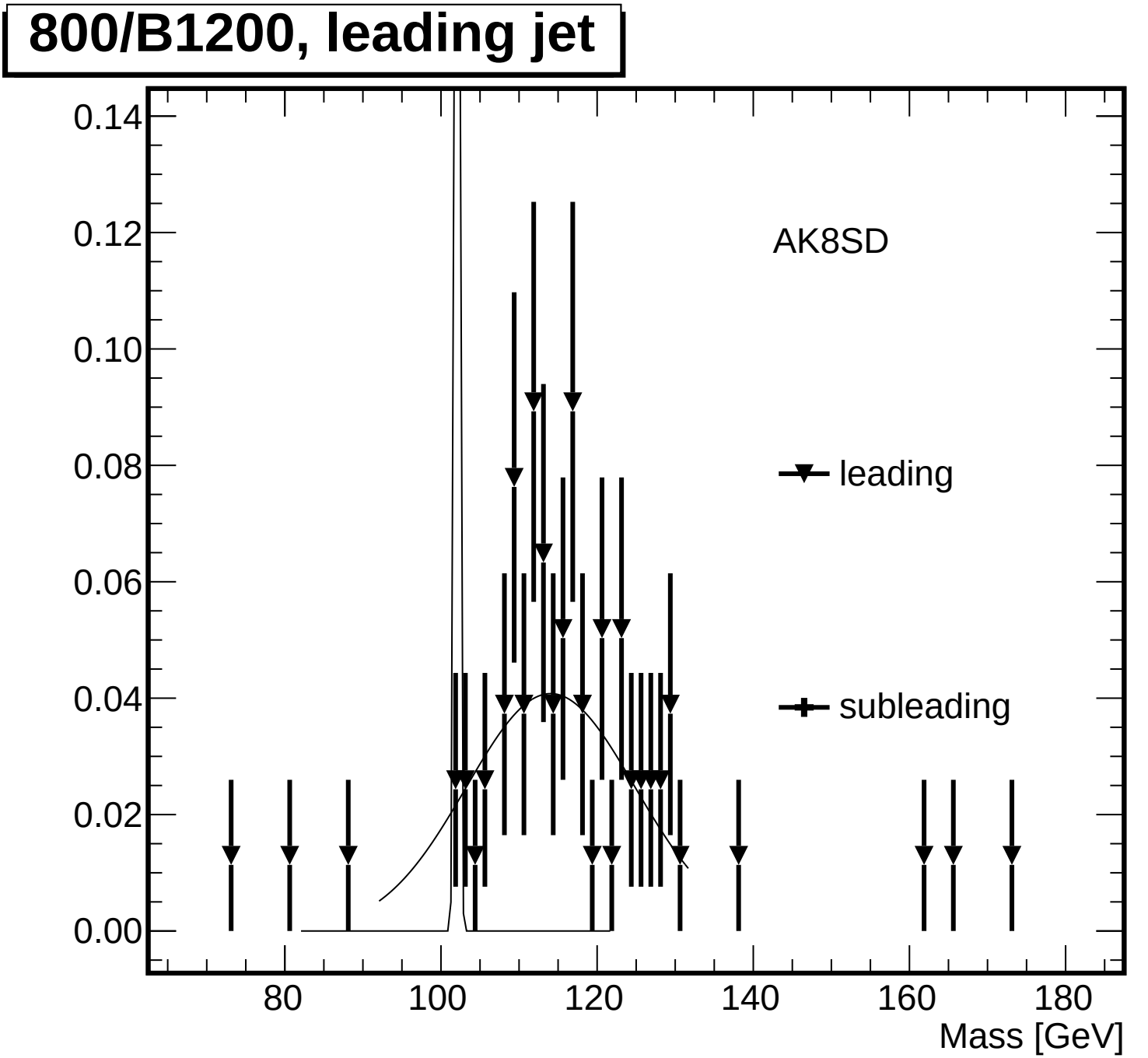

800/B1200, both jets
PR
Mean = -0.076
Sigma = 0.094
PRCorr
Mean = -0.022
Sigma = 0.081
AK8SD
Mean = -0.094
Sigma = 0.104
AK8SDCorrThea
Mean = -0.030
Sigma = 0.131
AK8SDHCorr
Mean = 0.011
Sigma = 0.120
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

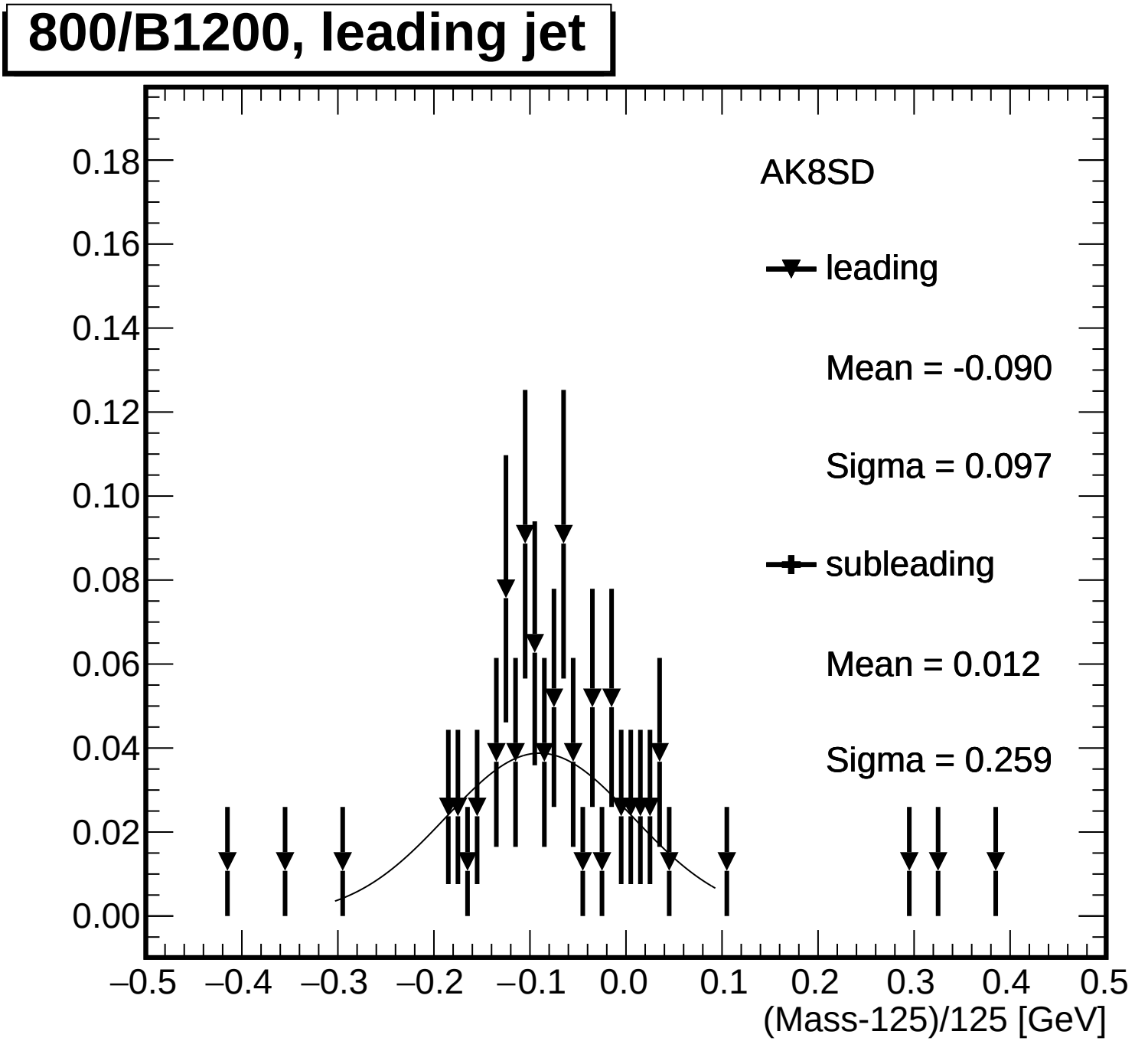

800/B1200, leading jet
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

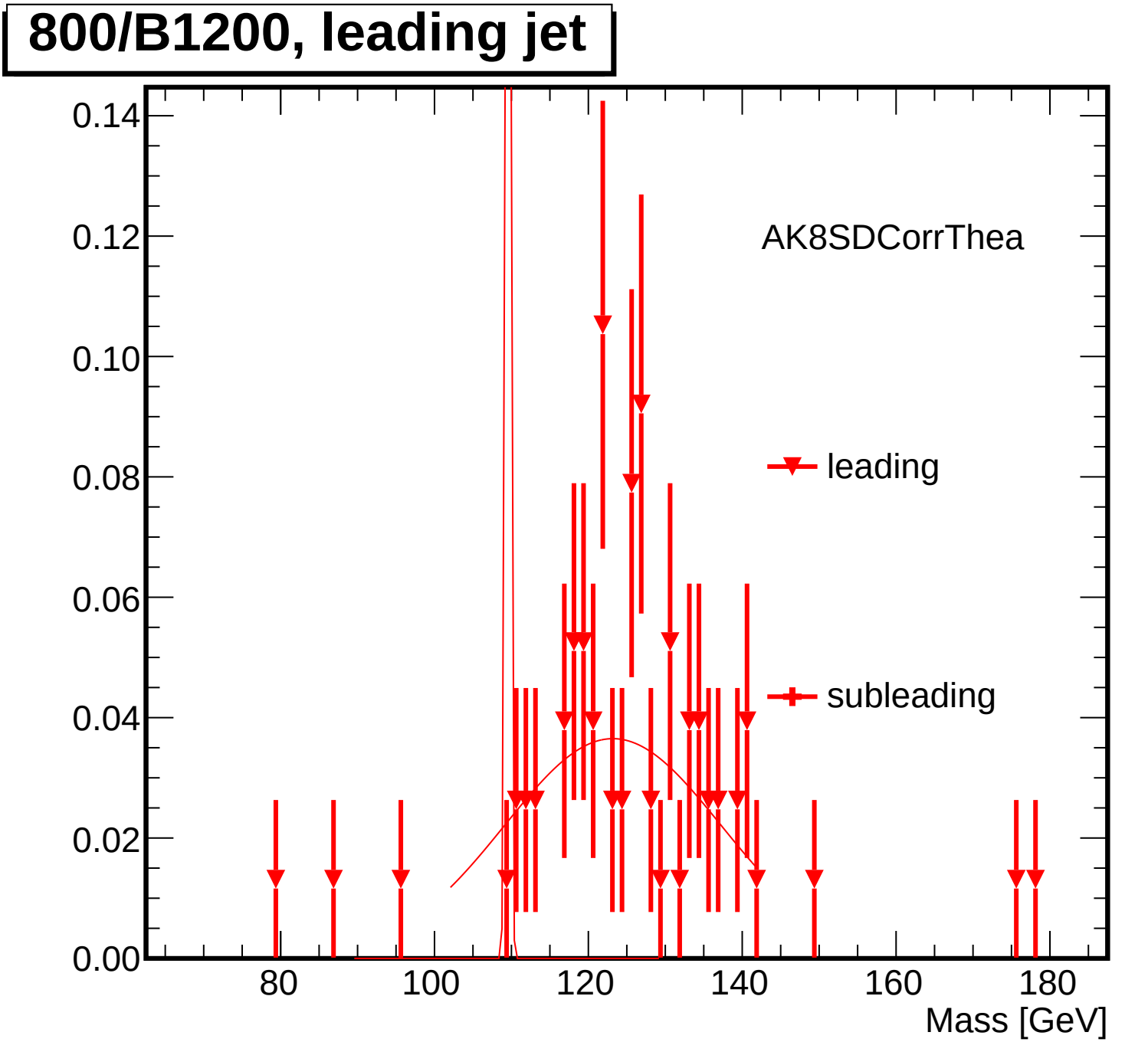

800/B1200, leading jet
PR
leading
Mean = -0.076
Sigma = 0.096
subleading
Mean = 0.125
Sigma = 0.256
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

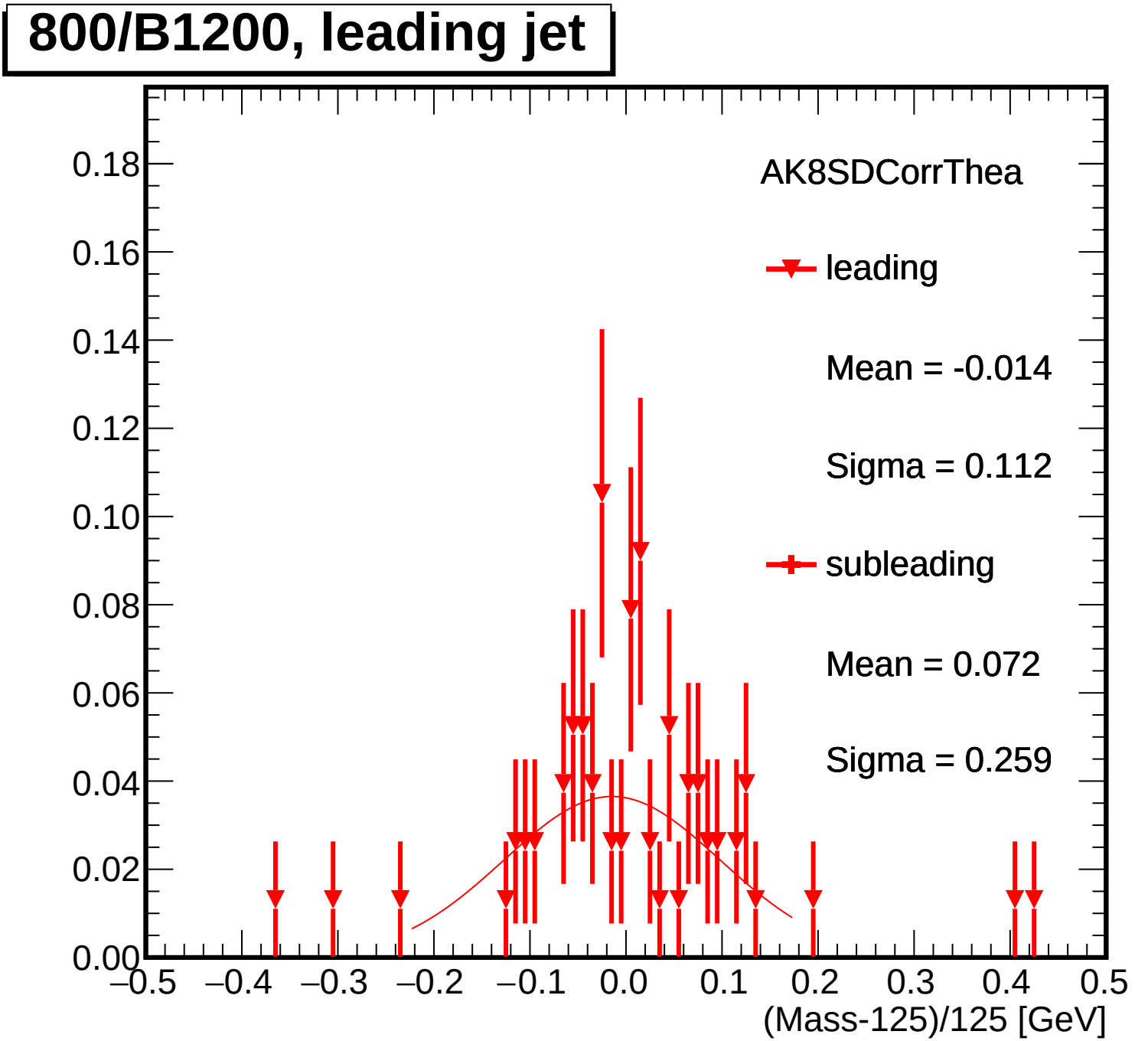

800/B1200, leading jet
PRCorr
leading
subleading
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

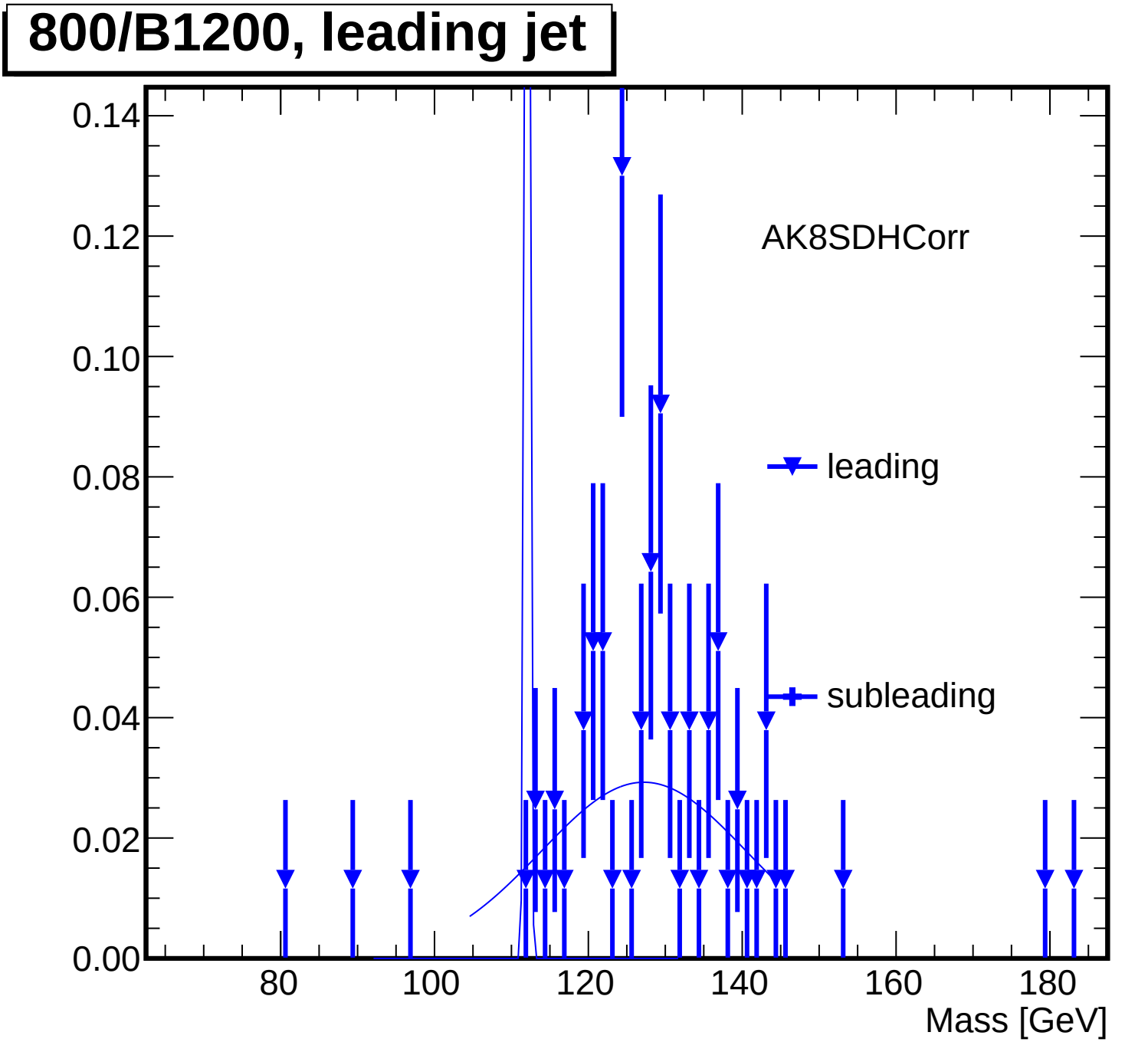

800/B1200, leading jet
PRCorr
leading
Mean = -0.022
Sigma = 0.082
subleading
Mean = 0.182
Sigma = 0.259
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

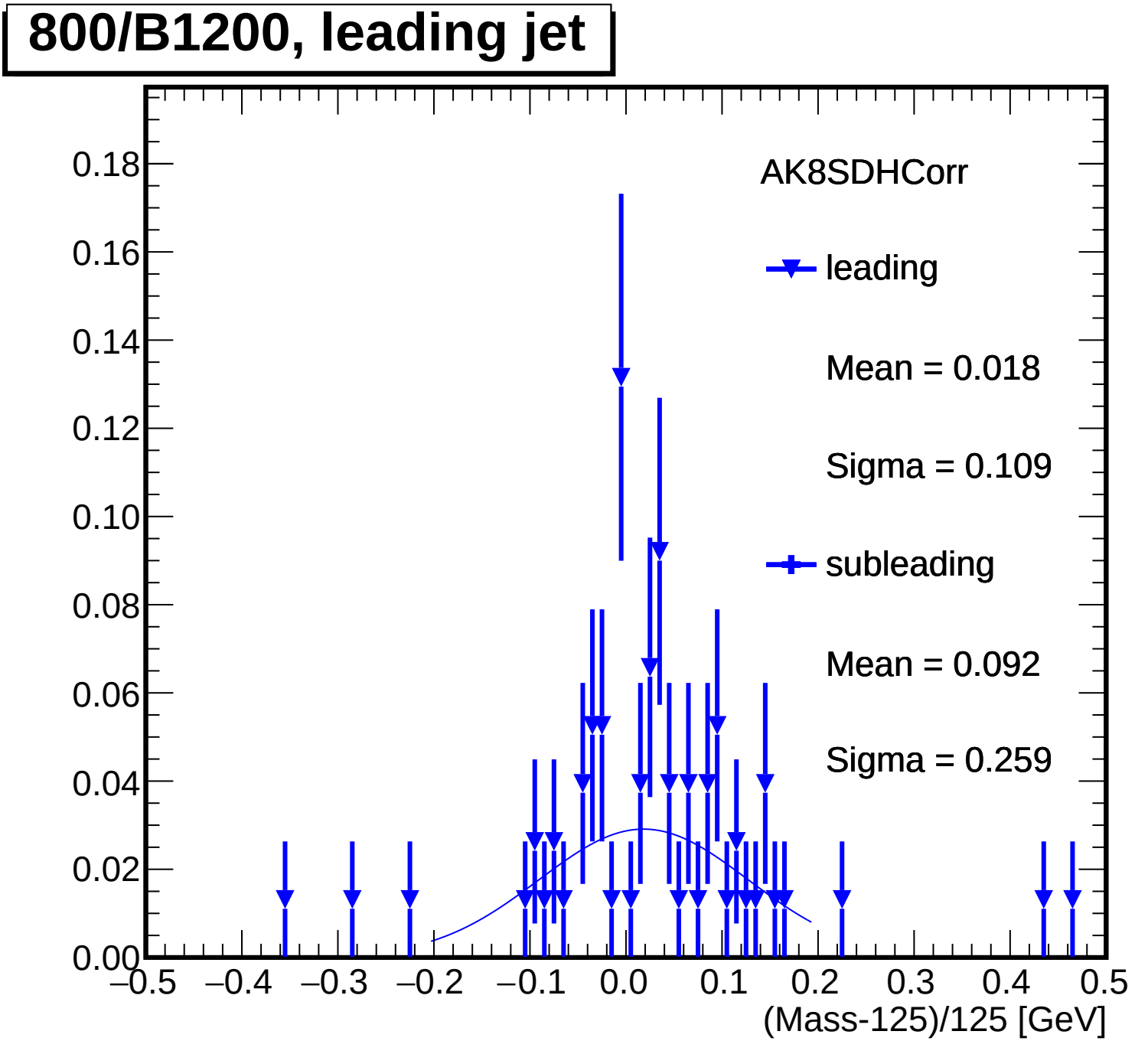

800/B1200, leading jet
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
AK8SD
leading
subleading
80
100
120
140
160
180
Mass [GeV]


800/B1200, leading jet
AK8SD
leading
Mean = -0.090
Sigma = 0.097
subleading
Mean = 0.012
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]


800/B1200, leading jet
AK8SDCorrThea
leading
subleading
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/B1200, leading jet
AK8SDCorrThea
leading
Mean = -0.014
Sigma = 0.112
subleading
Mean = 0.072
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]


800/B1200, leading jet
AK8SDHCorr
leading
subleading
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/B1200, leading jet
AK8SDHCorr
leading
Mean = 0.018
Sigma = 0.109
subleading
Mean = 0.092
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]