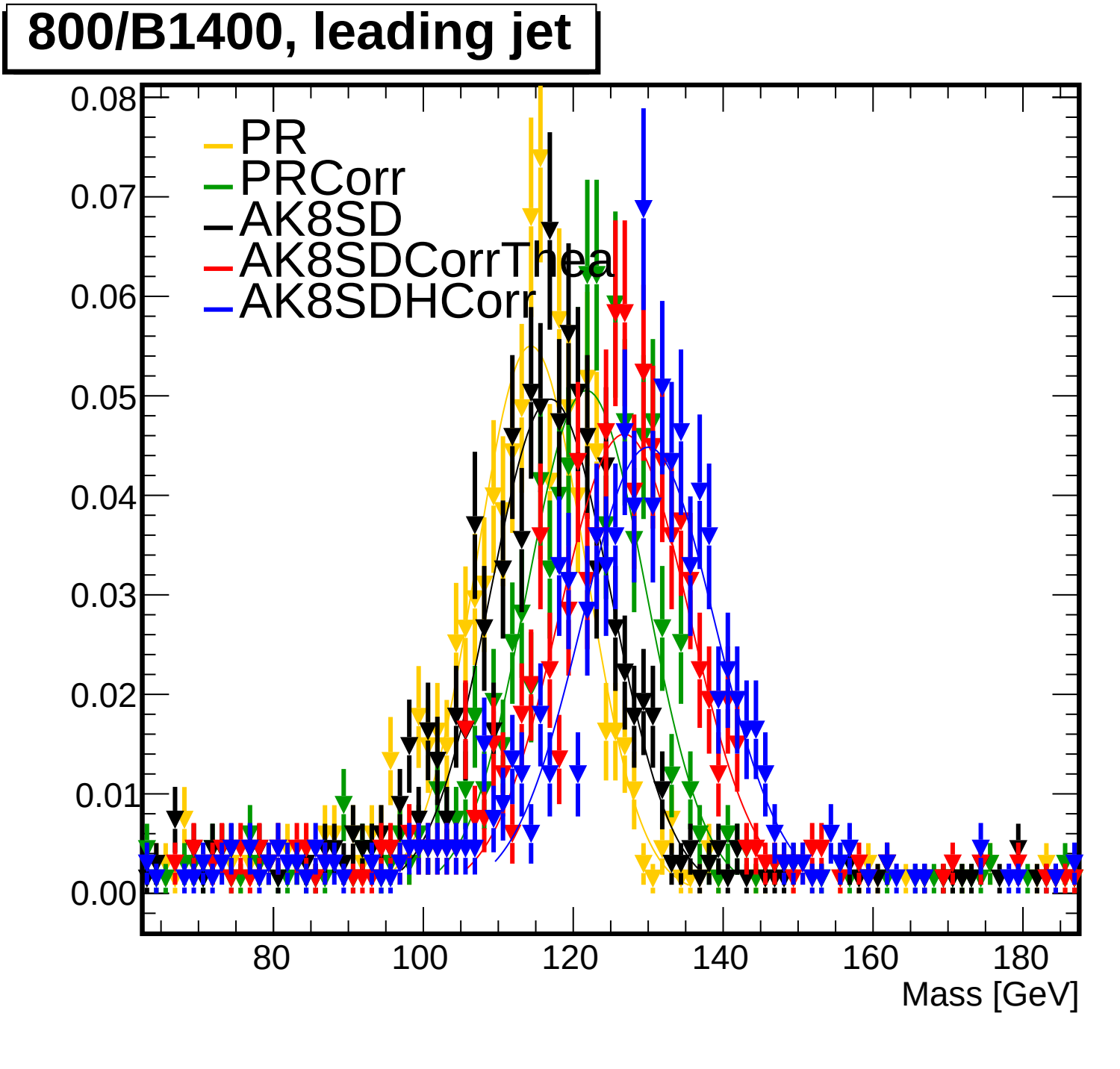
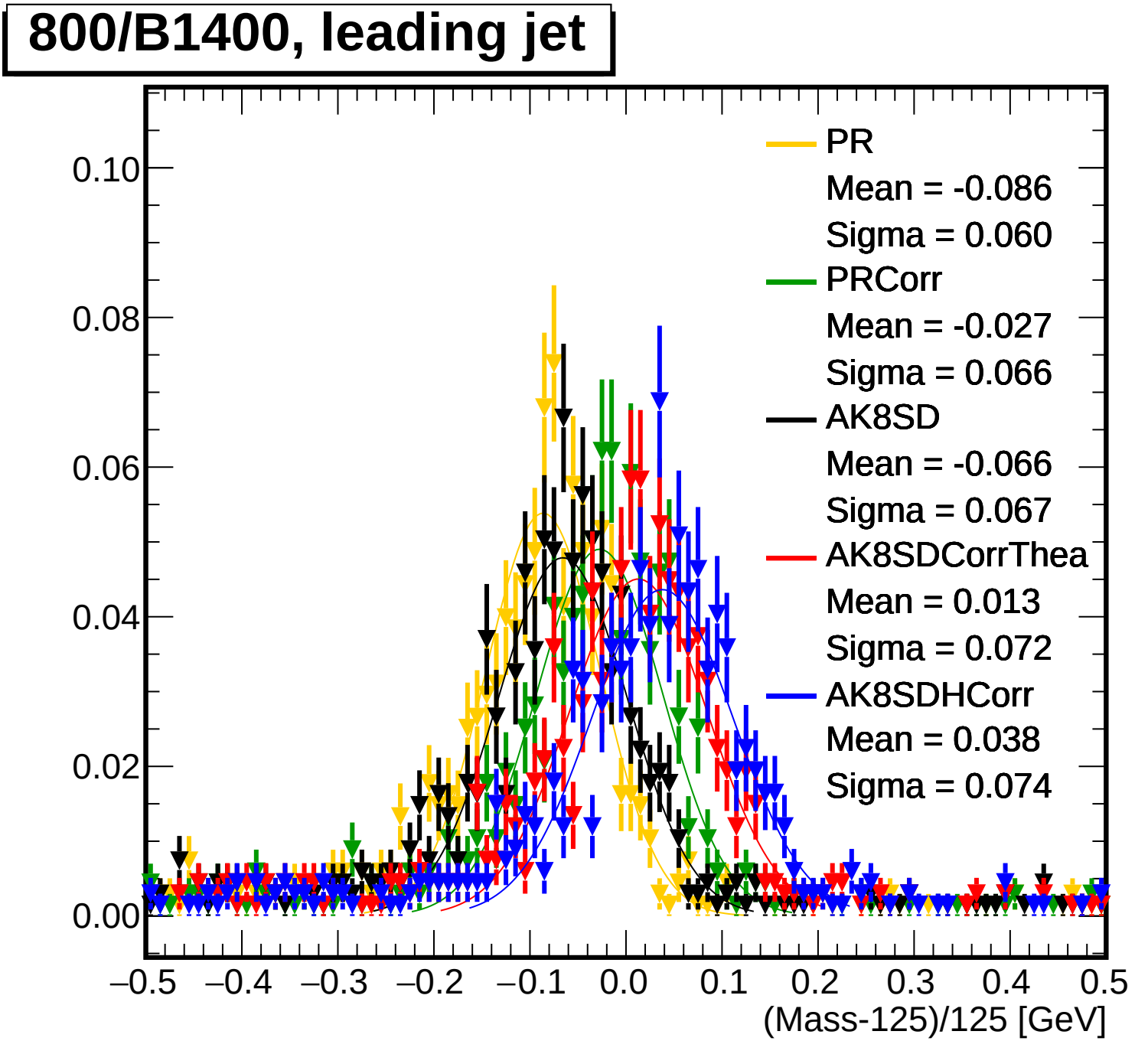
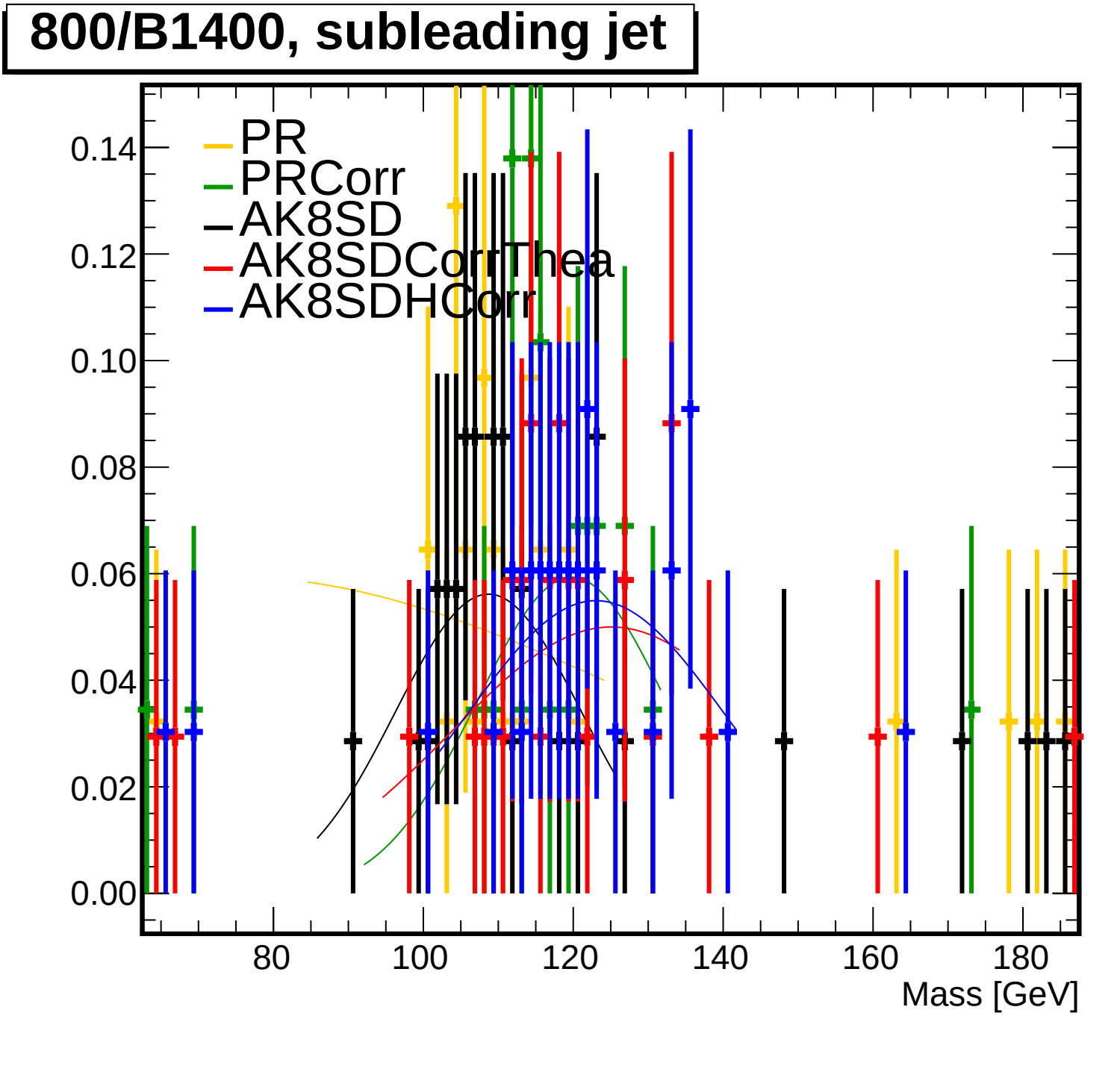
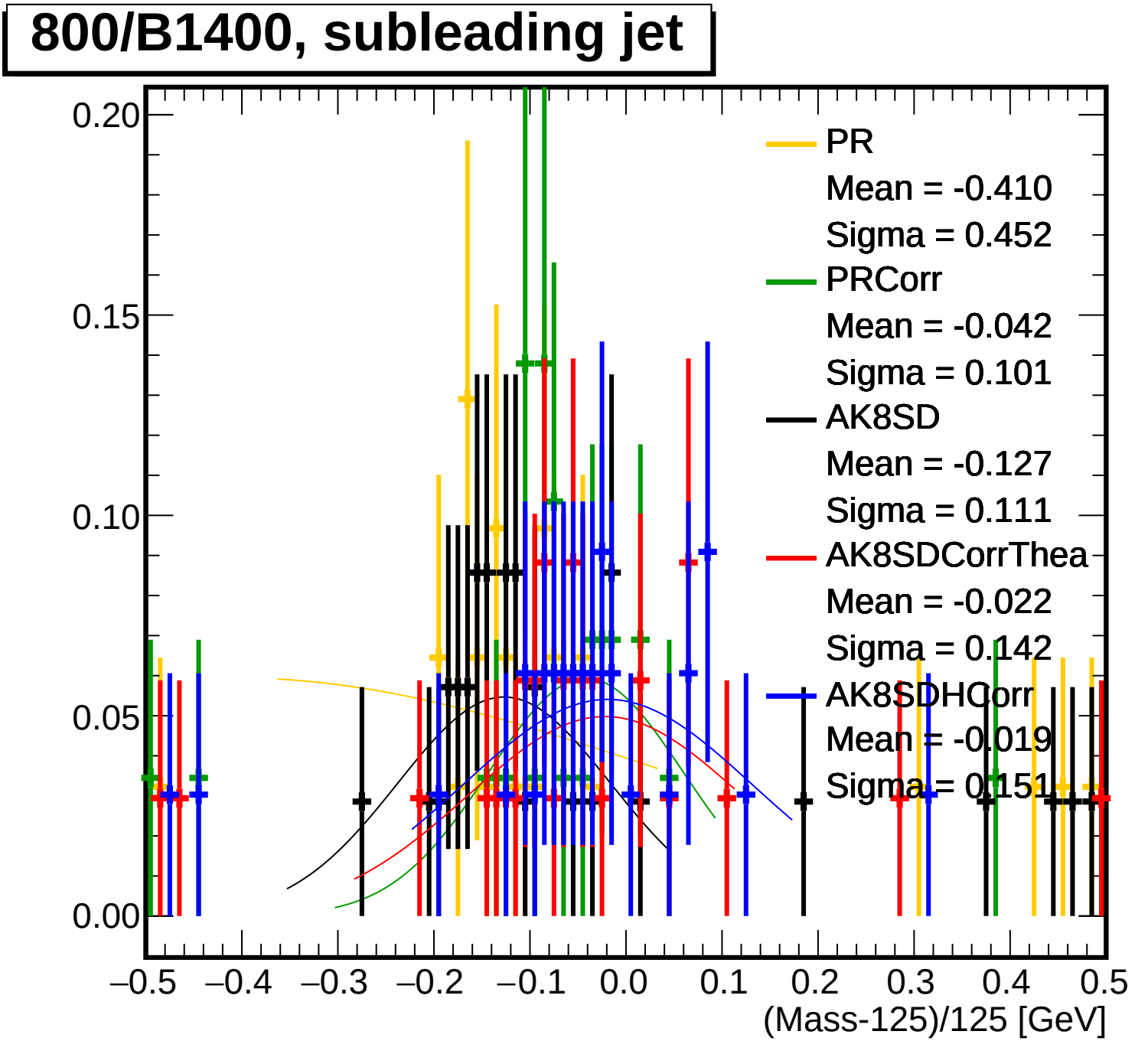
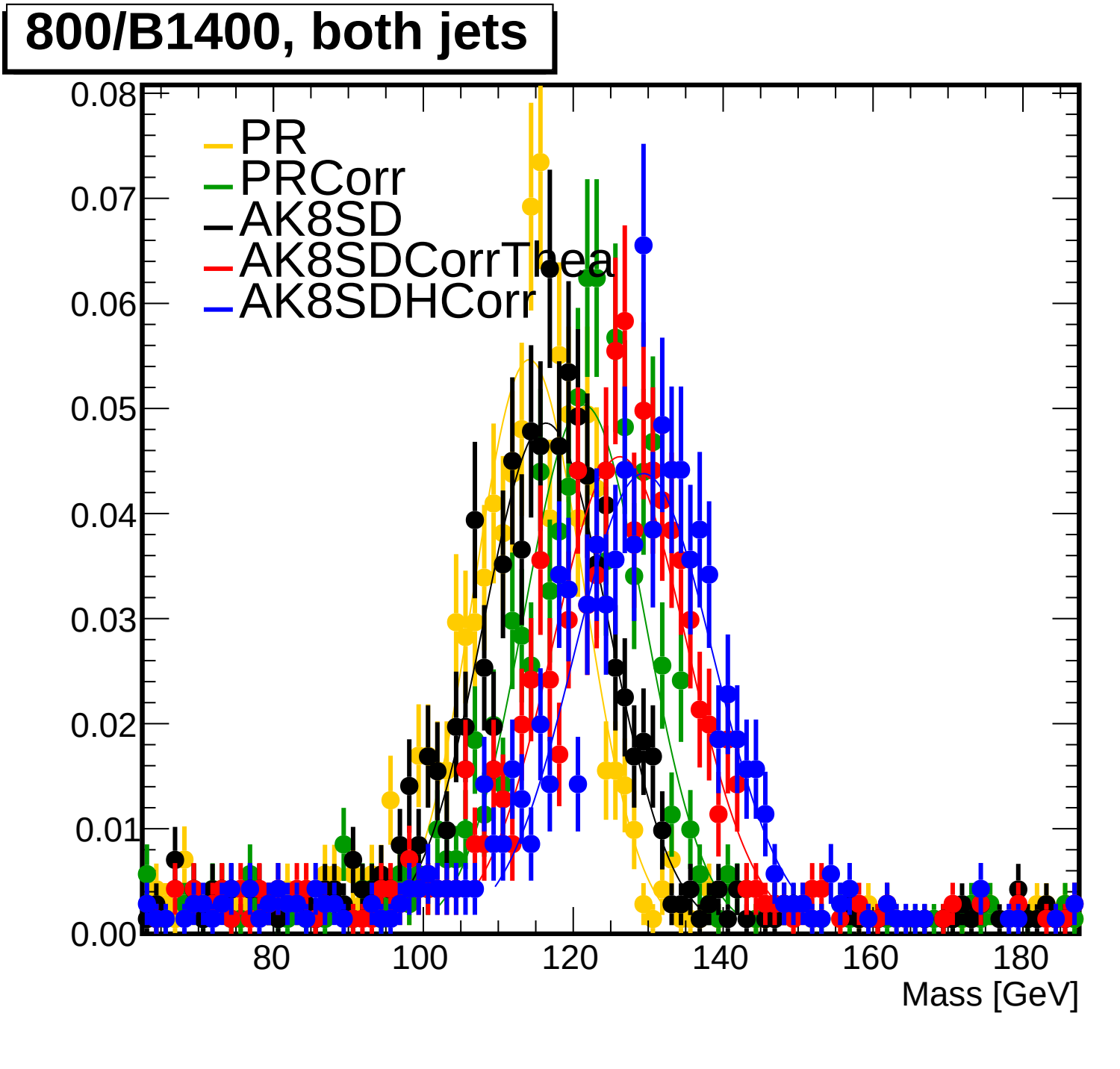
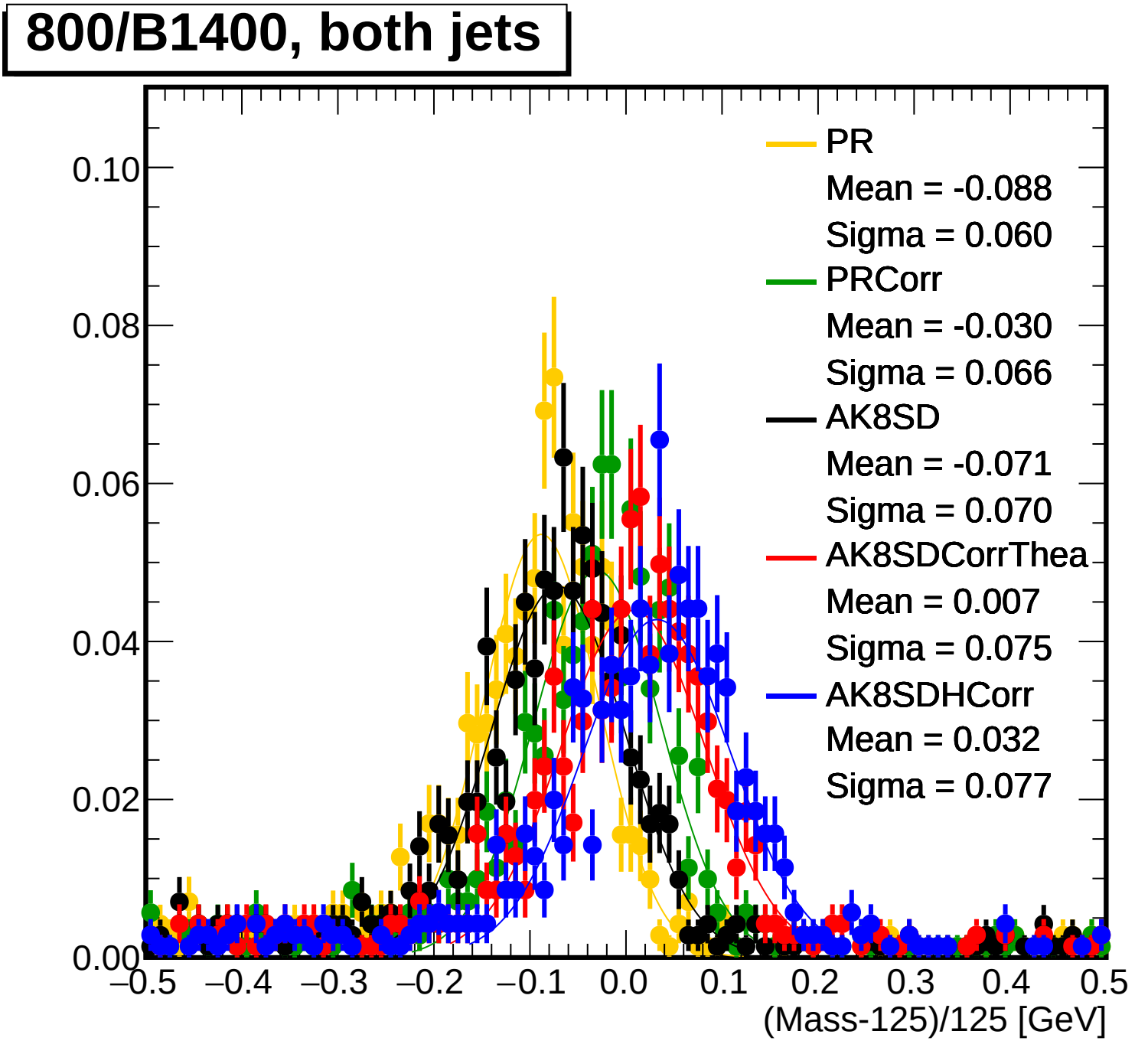

800/B1400, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

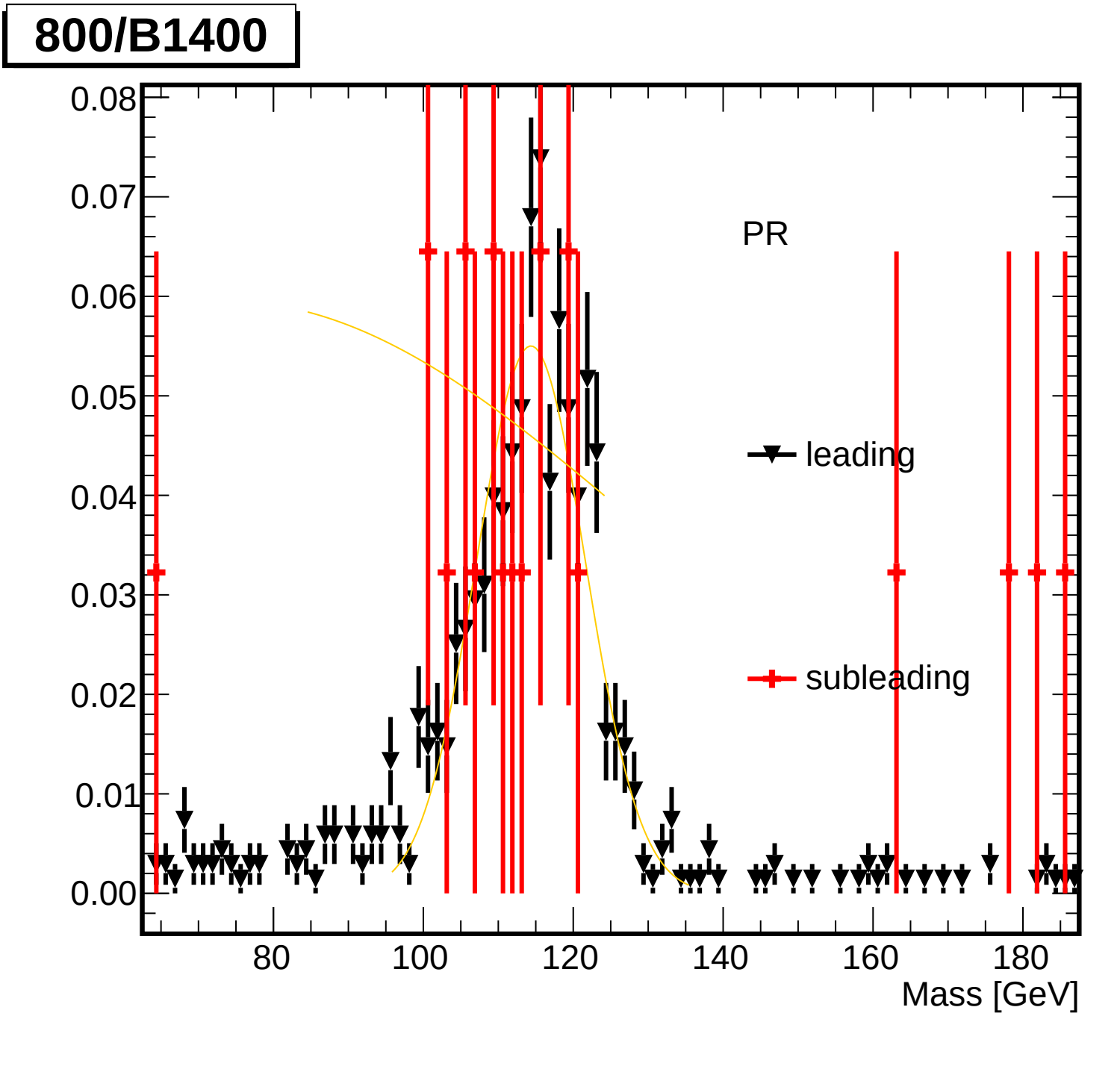

800/B1400, leading jet
PR
Mean = -0.086
Sigma = 0.060
PRCorr
Mean = -0.027
Sigma = 0.066
AK8SD
Mean = -0.066
Sigma = 0.067
AK8SDCorrThea
Mean = 0.013
Sigma = 0.072
AK8SDHCorr
Mean = 0.038
Sigma = 0.074
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

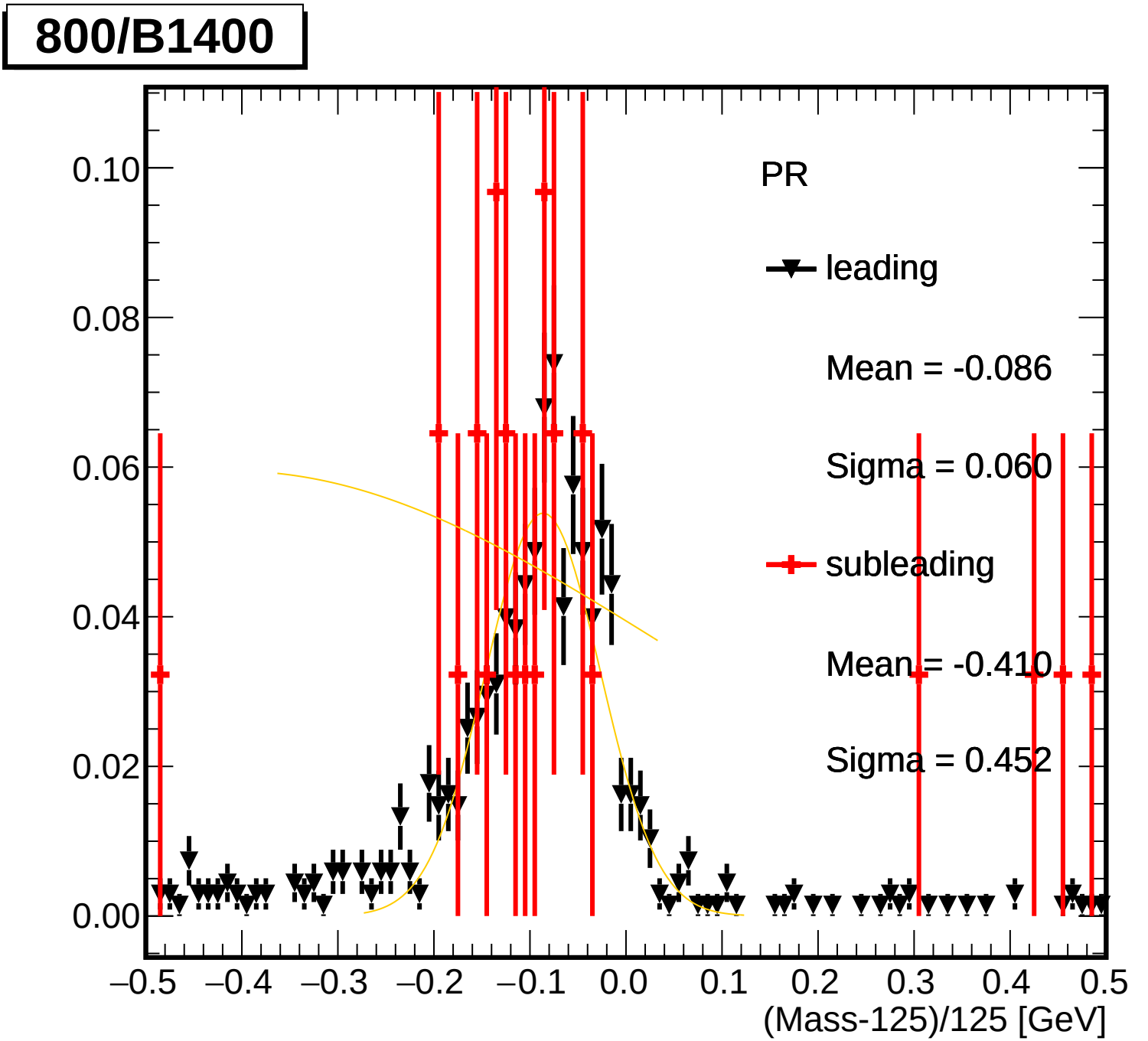

800/B1400, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

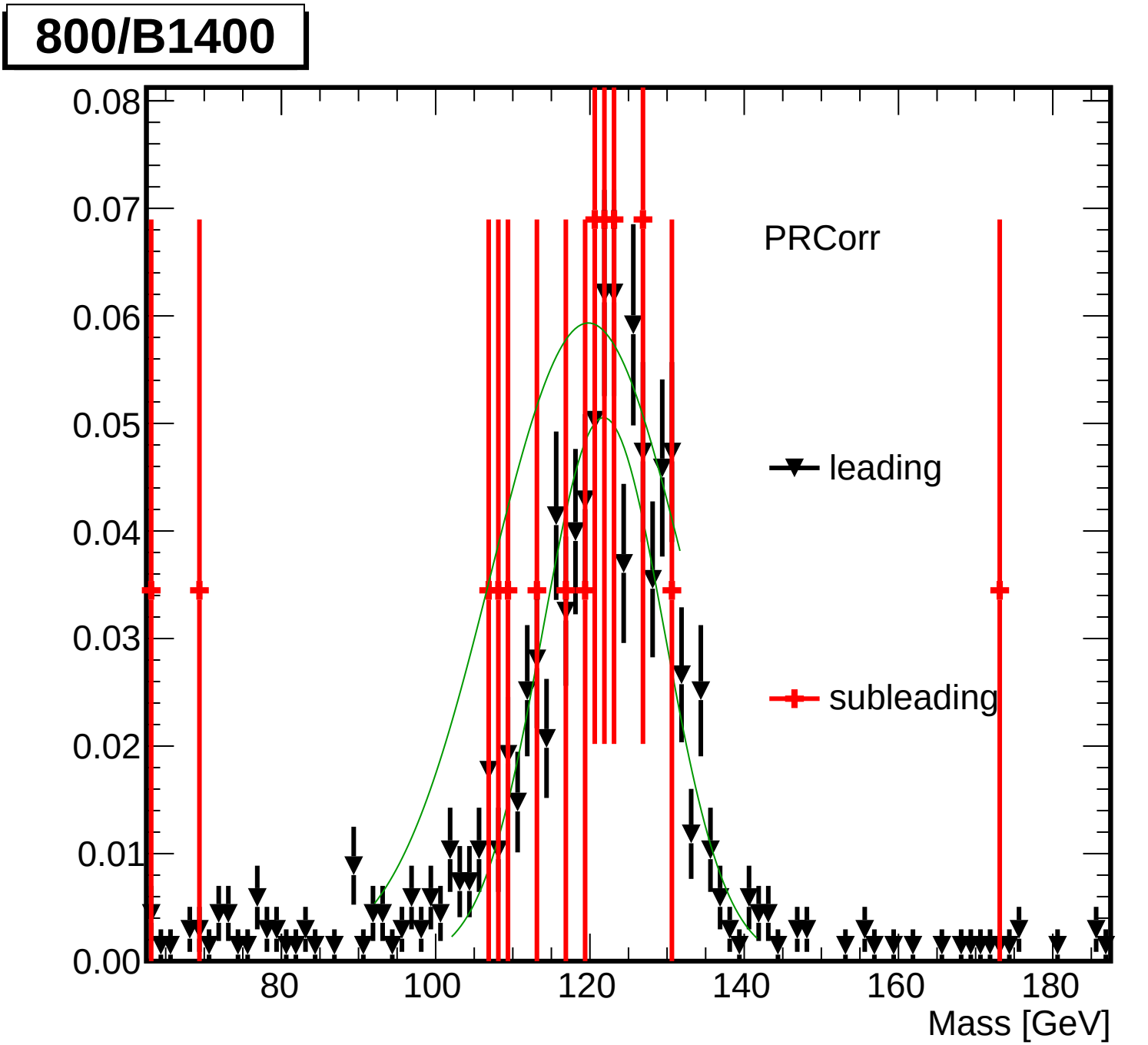

800/B1400, subleading jet
PR
Mean = -0.410
Sigma = 0.452
PRCorr
Mean = -0.042
Sigma = 0.101
AK8SD
Mean = -0.127
Sigma = 0.111
AK8SDCorrThea
Mean = -0.022
Sigma = 0.142
AK8SDHCorr
Mean = -0.019
Sigma = 0.151
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

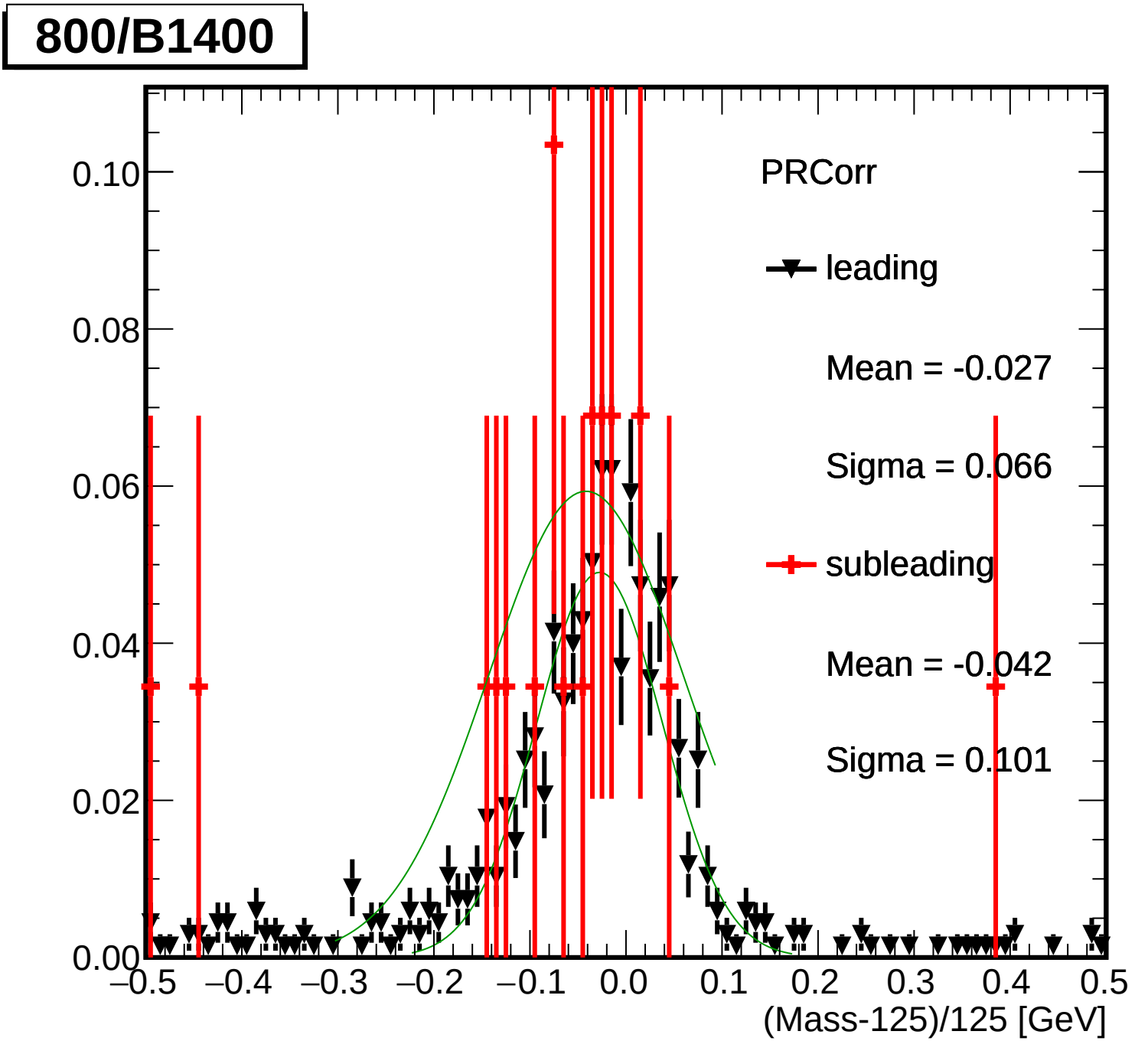

800/B1400, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

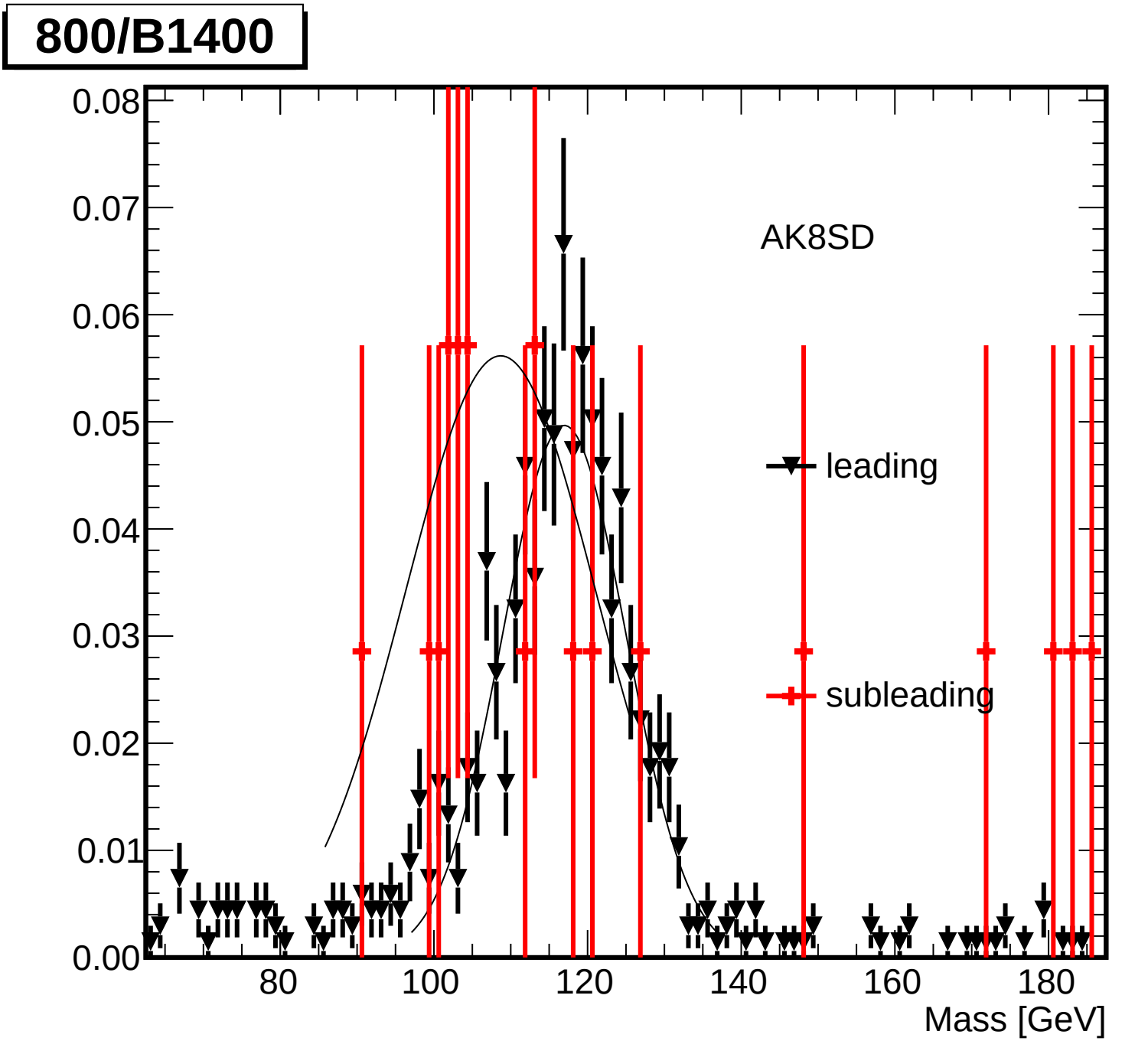

800/B1400, both jets
PR
Mean = -0.088
Sigma = 0.060
PRCorr
Mean = -0.030
Sigma = 0.066
AK8SD
Mean = -0.071
Sigma = 0.070
AK8SDCorrThea
Mean = 0.007
Sigma = 0.075
AK8SDHCorr
Mean = 0.032
Sigma = 0.077
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

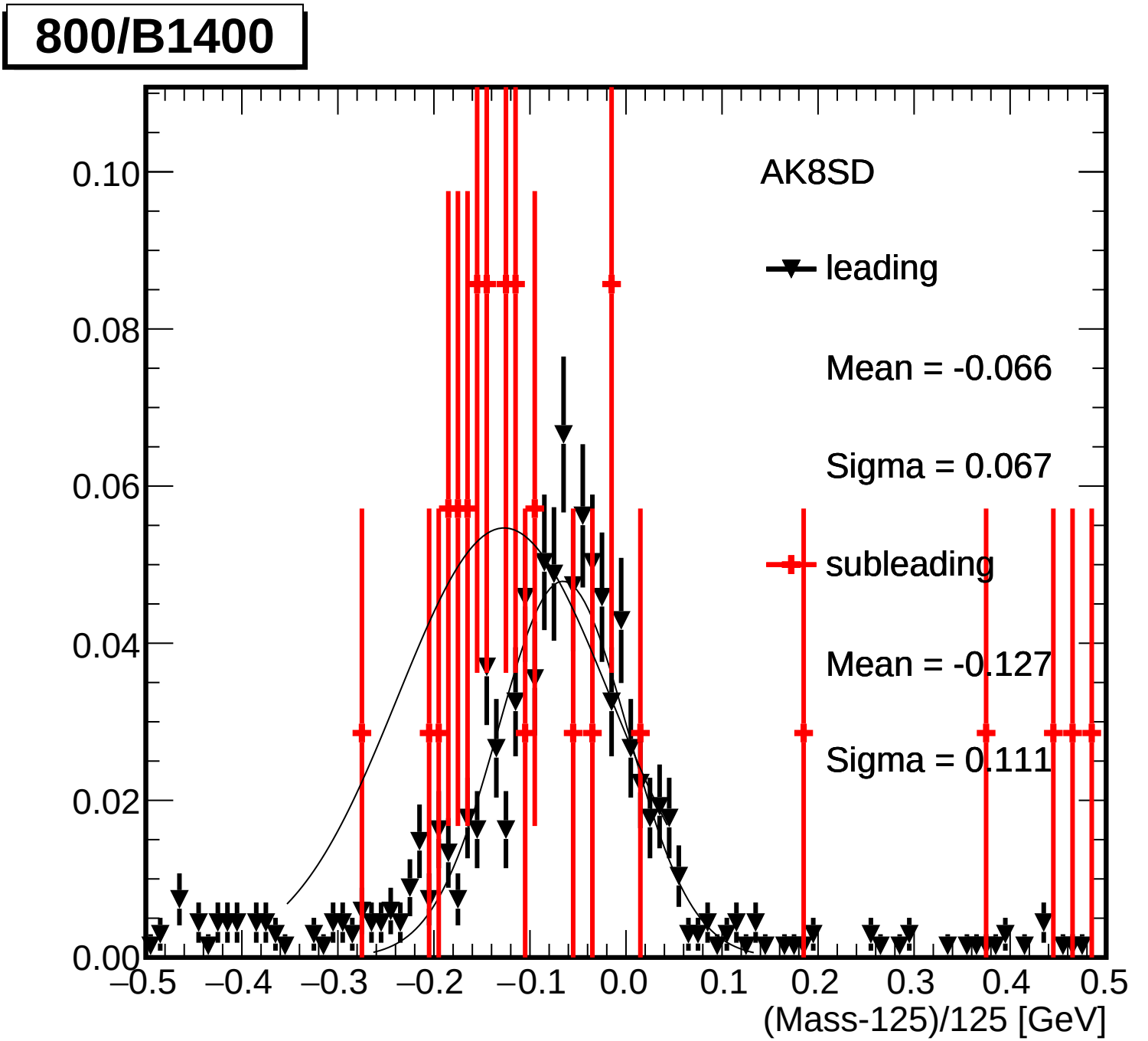

800/B1400
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

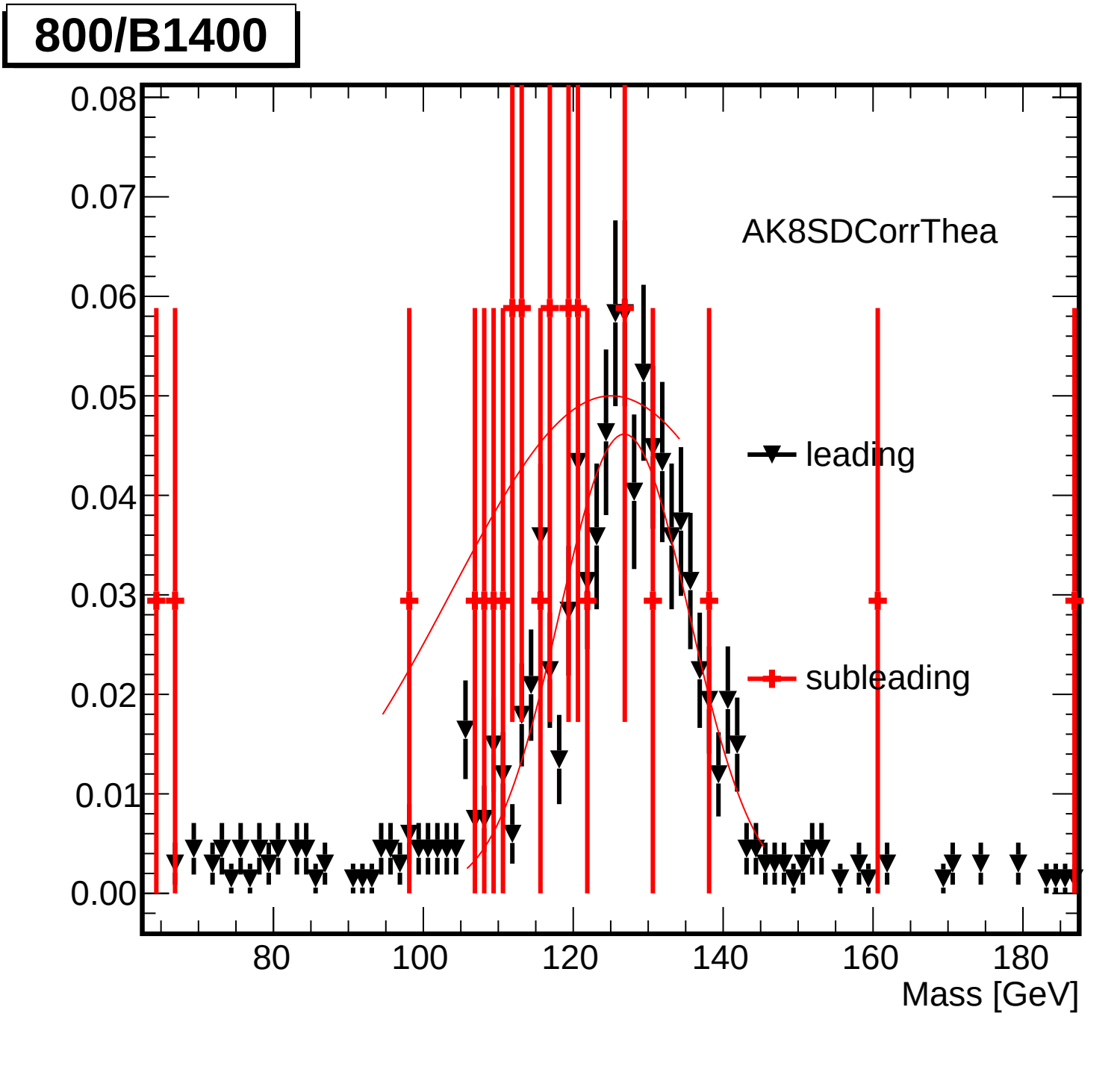

800/B1400
PR
leading
Mean = -0.086
Sigma = 0.060
subleading
Mean = -0.410
Sigma = 0.452
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

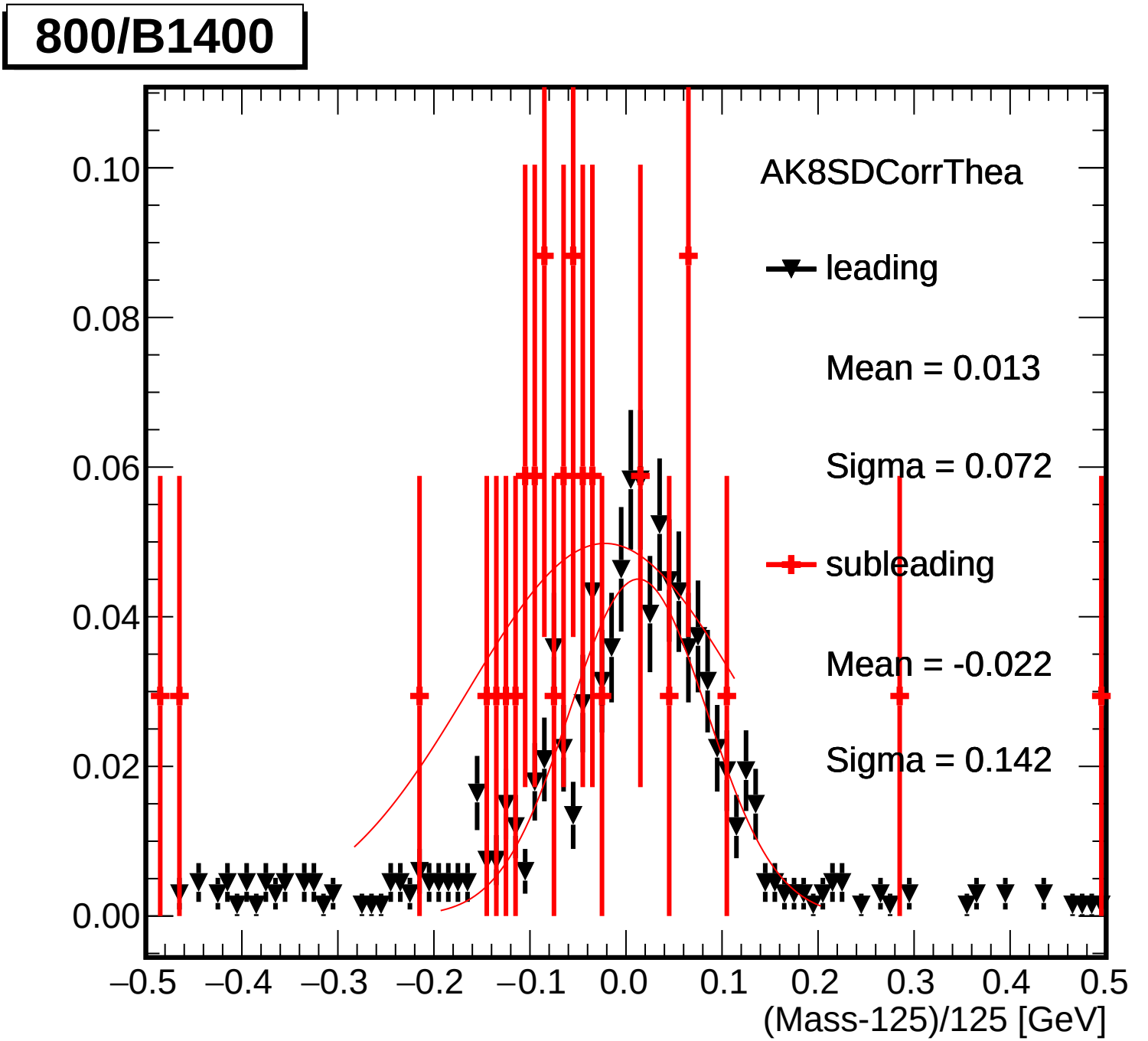

800/B1400
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

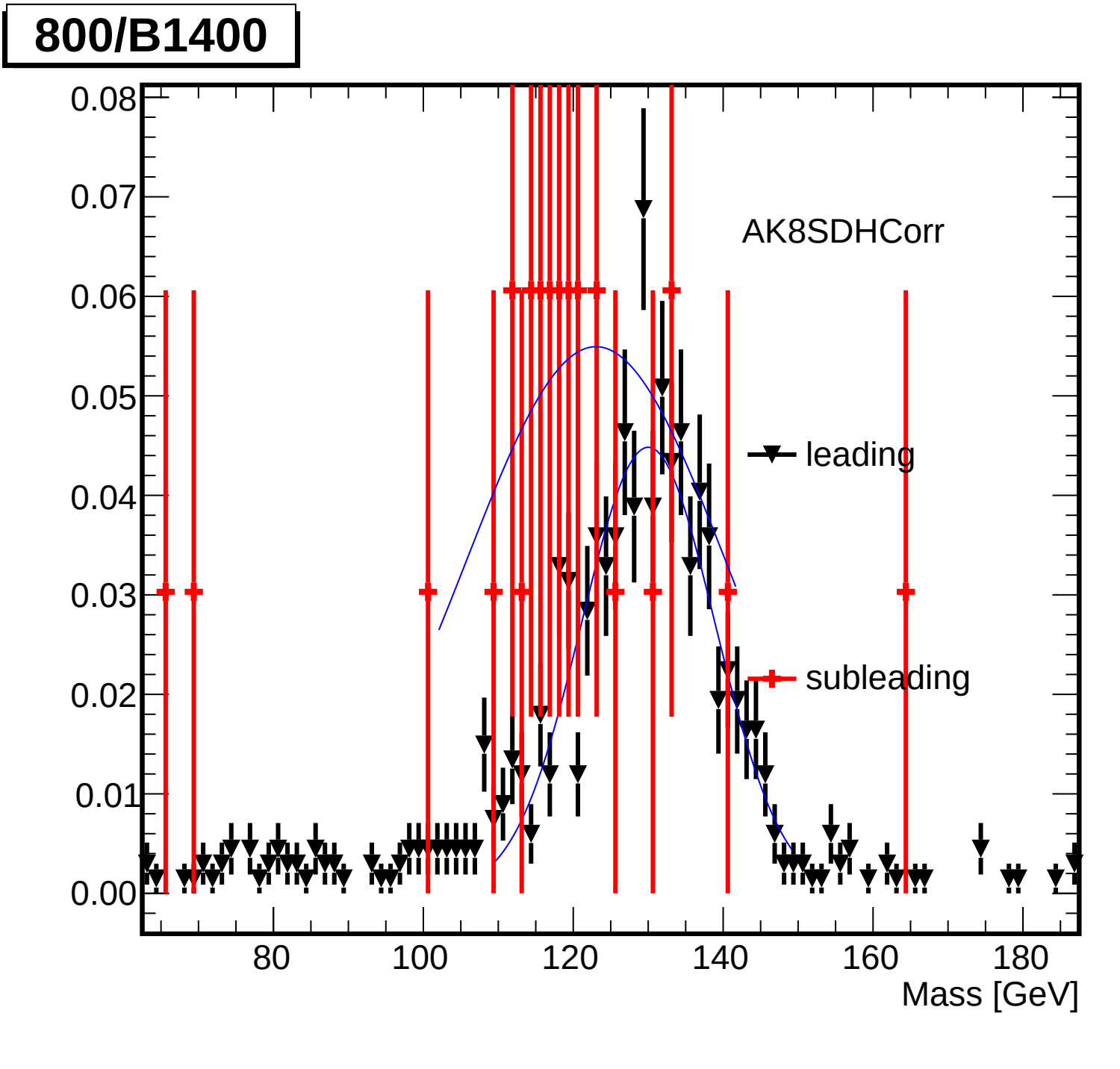

800/B1400
PRCorr
leading
Mean = -0.027
Sigma = 0.066
subleading
Mean = -0.042
Sigma = 0.101
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

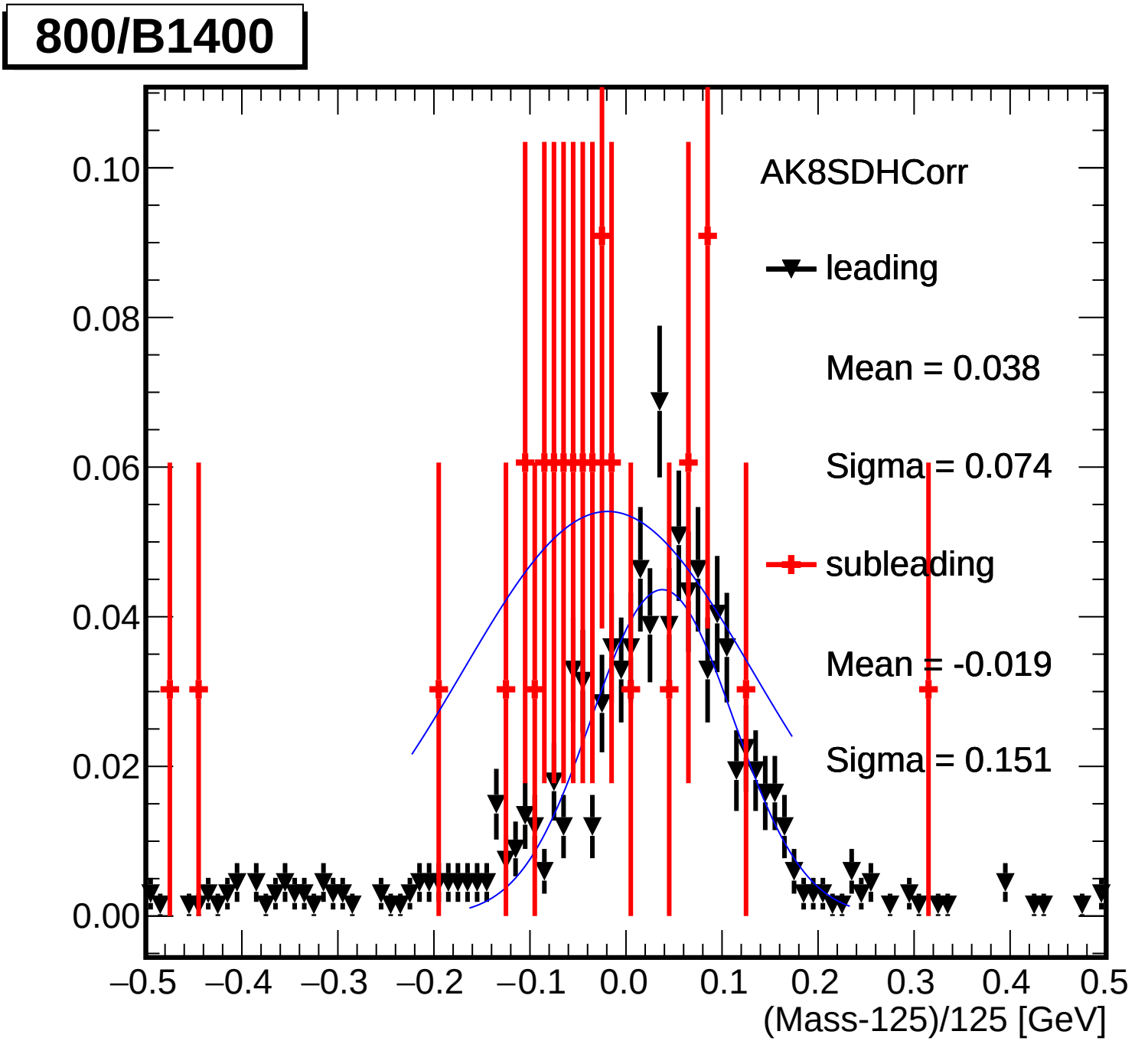

800/B1400
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


800/B1400
AK8SD
leading
Mean = -0.066
Sigma = 0.067
subleading
Mean = -0.127
Sigma = 0.111
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/B1400
AK8SDCorrThea
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


800/B1400
AK8SDCorrThea
leading
Mean = 0.013
Sigma = 0.072
subleading
Mean = -0.022
Sigma = 0.142
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/B1400
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
AK8SDHCorr
leading
subleading
80
100
120
140
160
180
Mass [GeV]


800/B1400
AK8SDHCorr
leading
Mean = 0.038
Sigma = 0.074
subleading
Mean = -0.019
Sigma = 0.151
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]