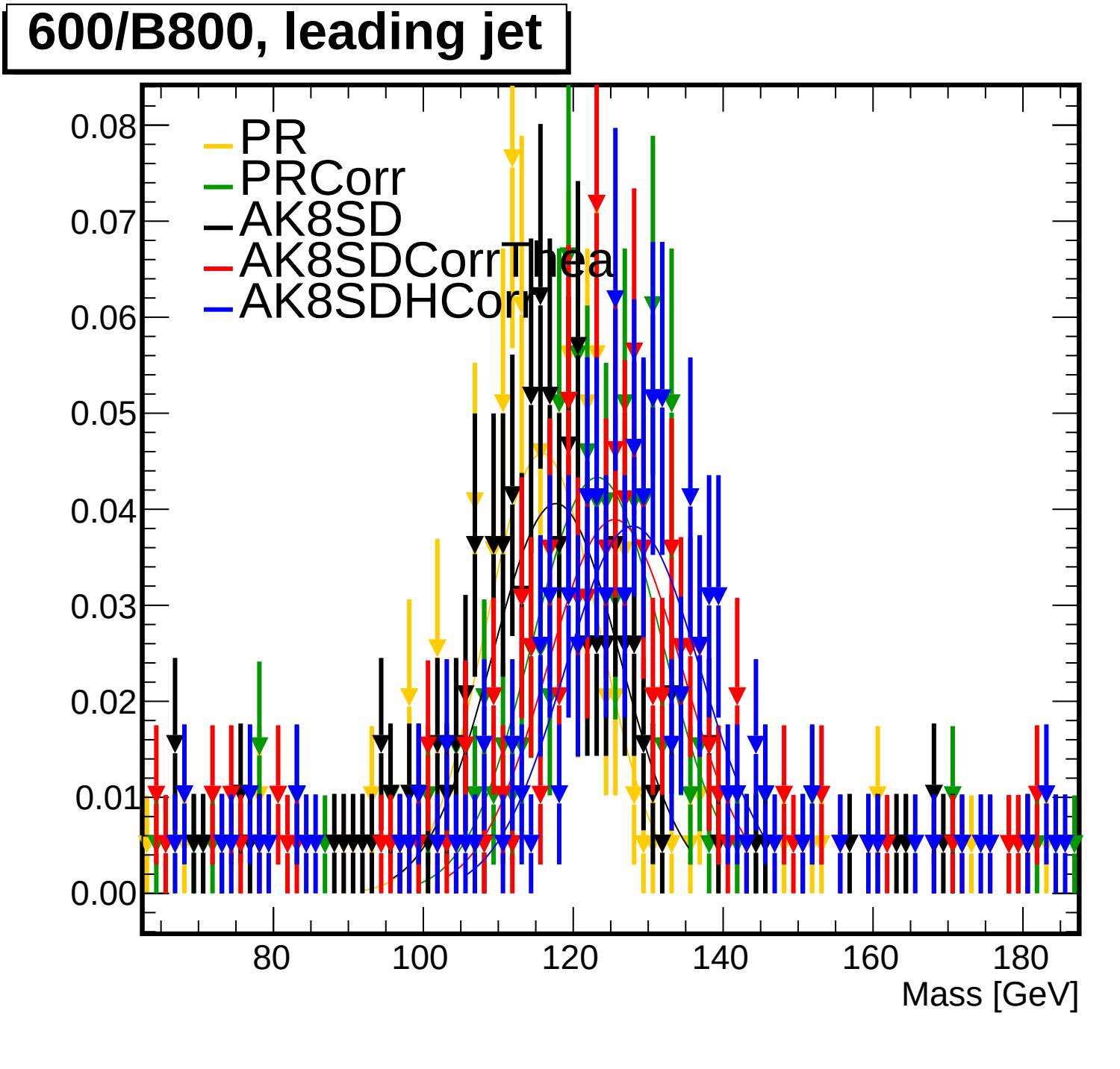
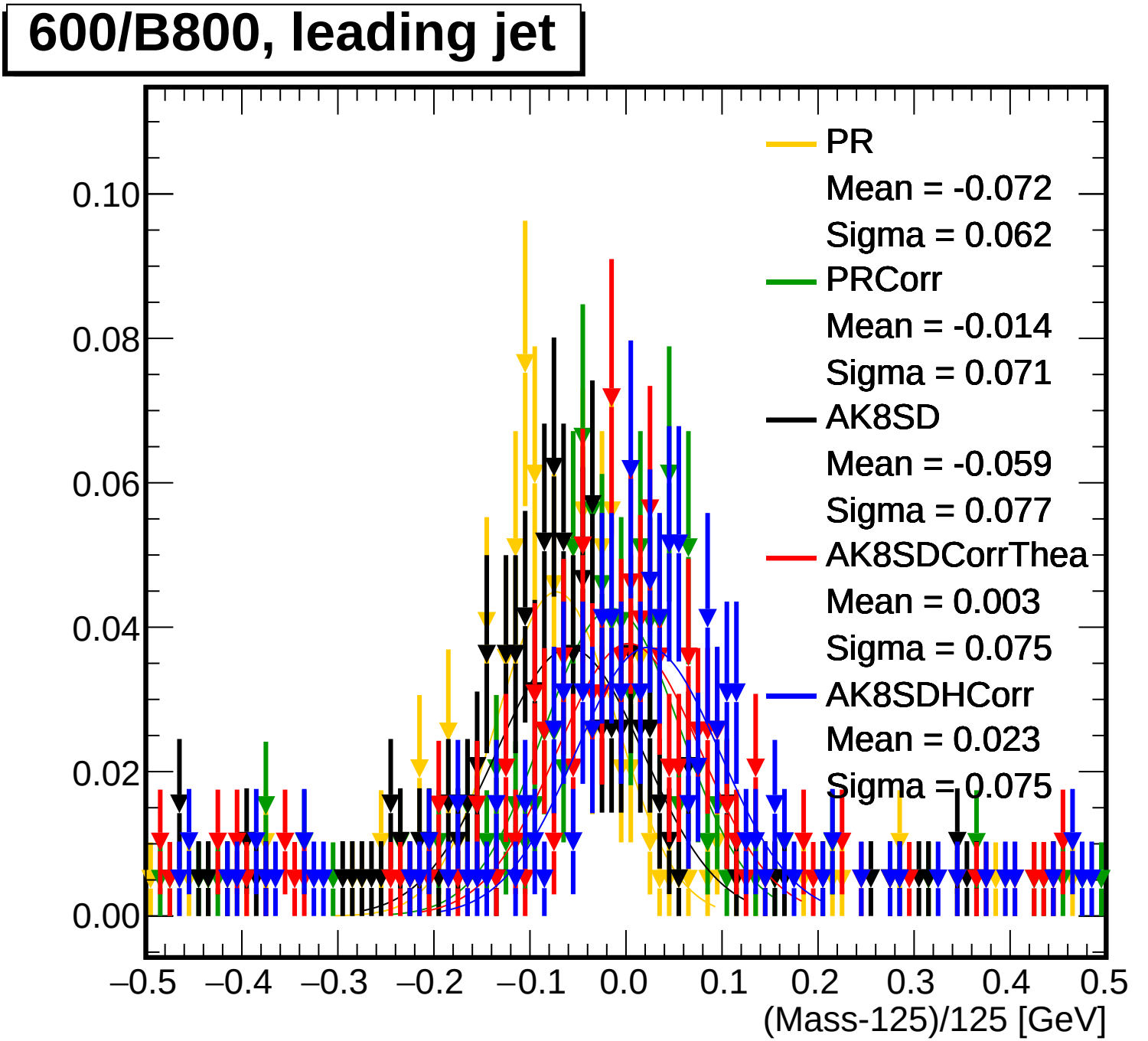
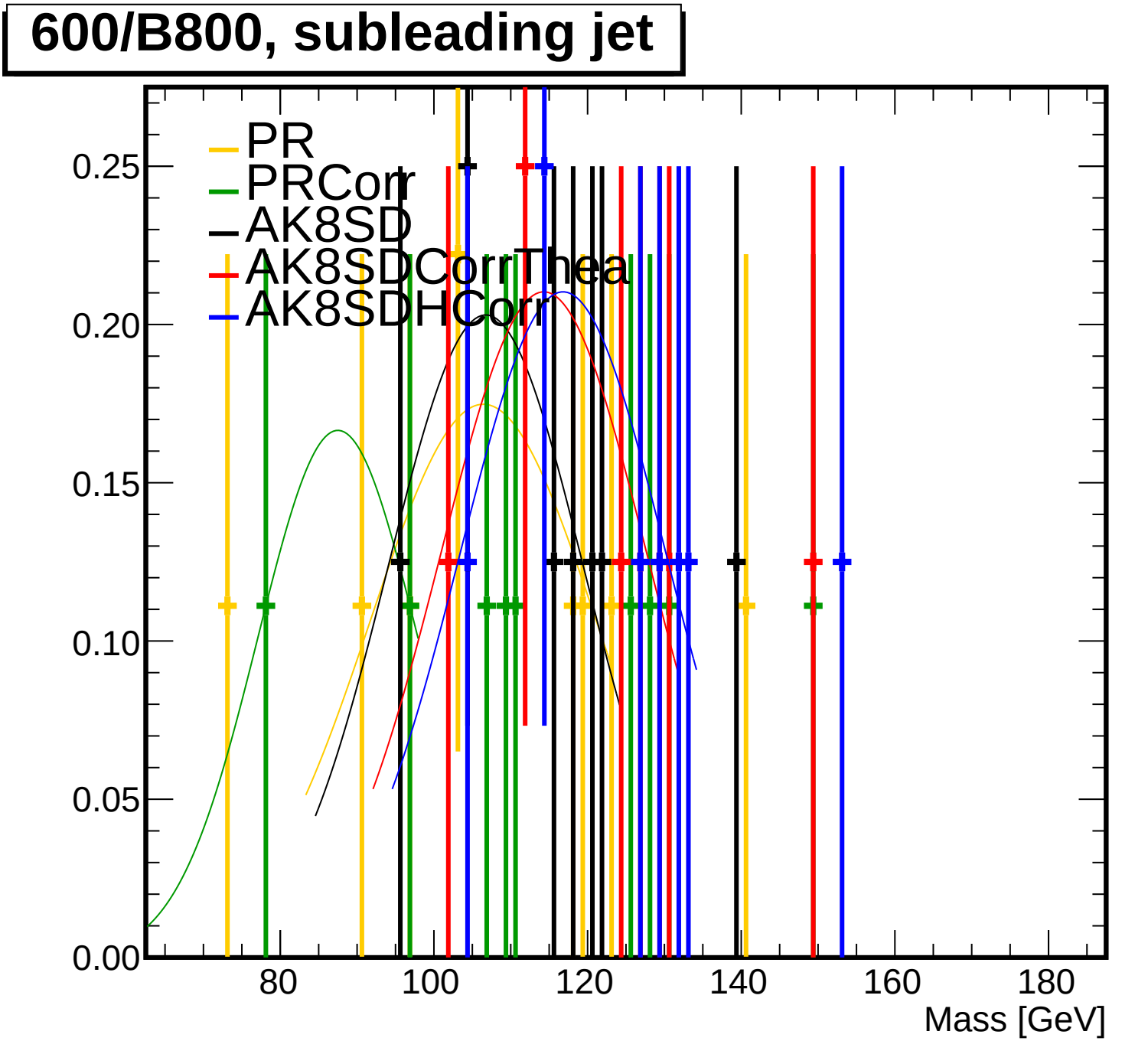
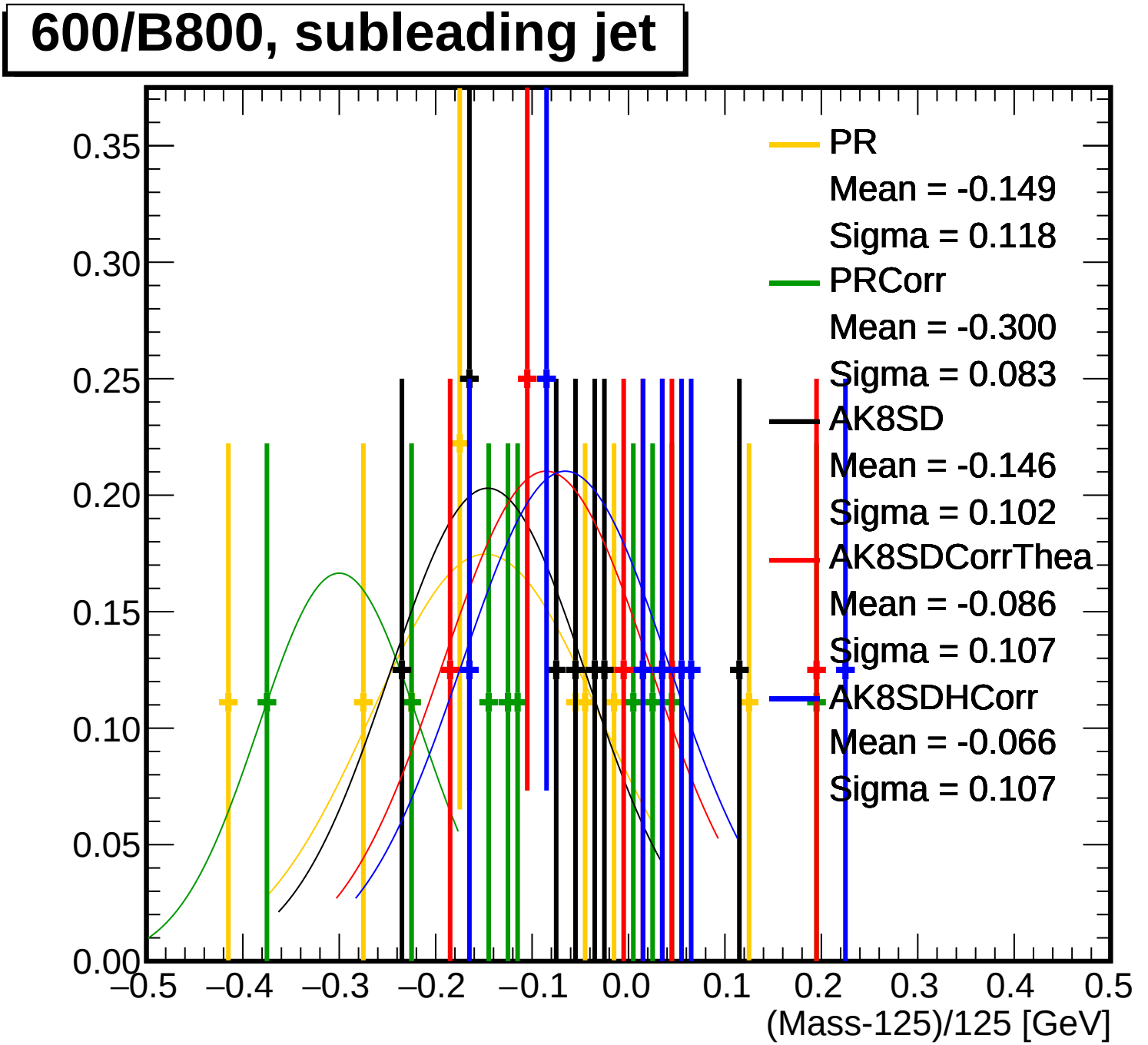
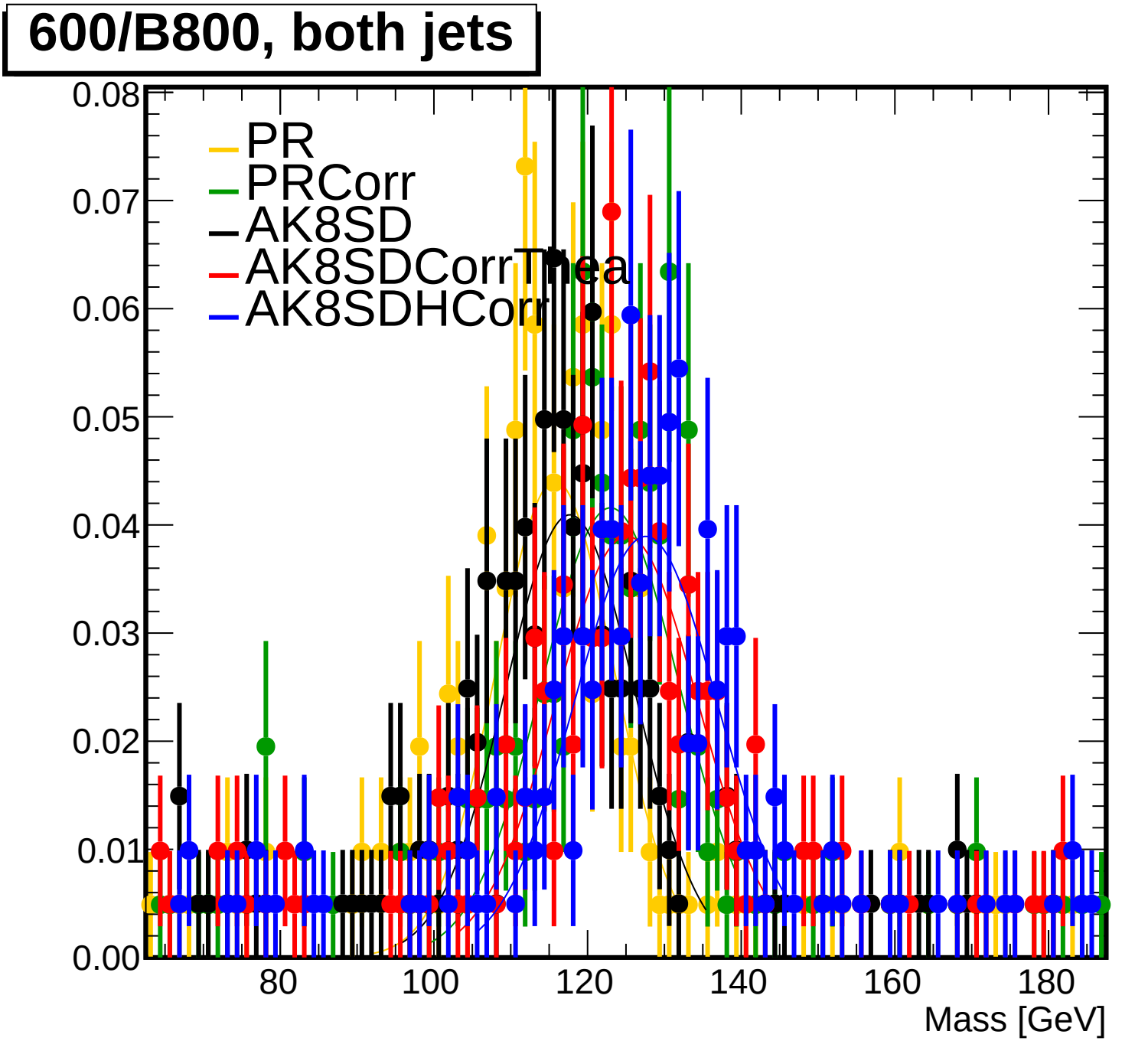
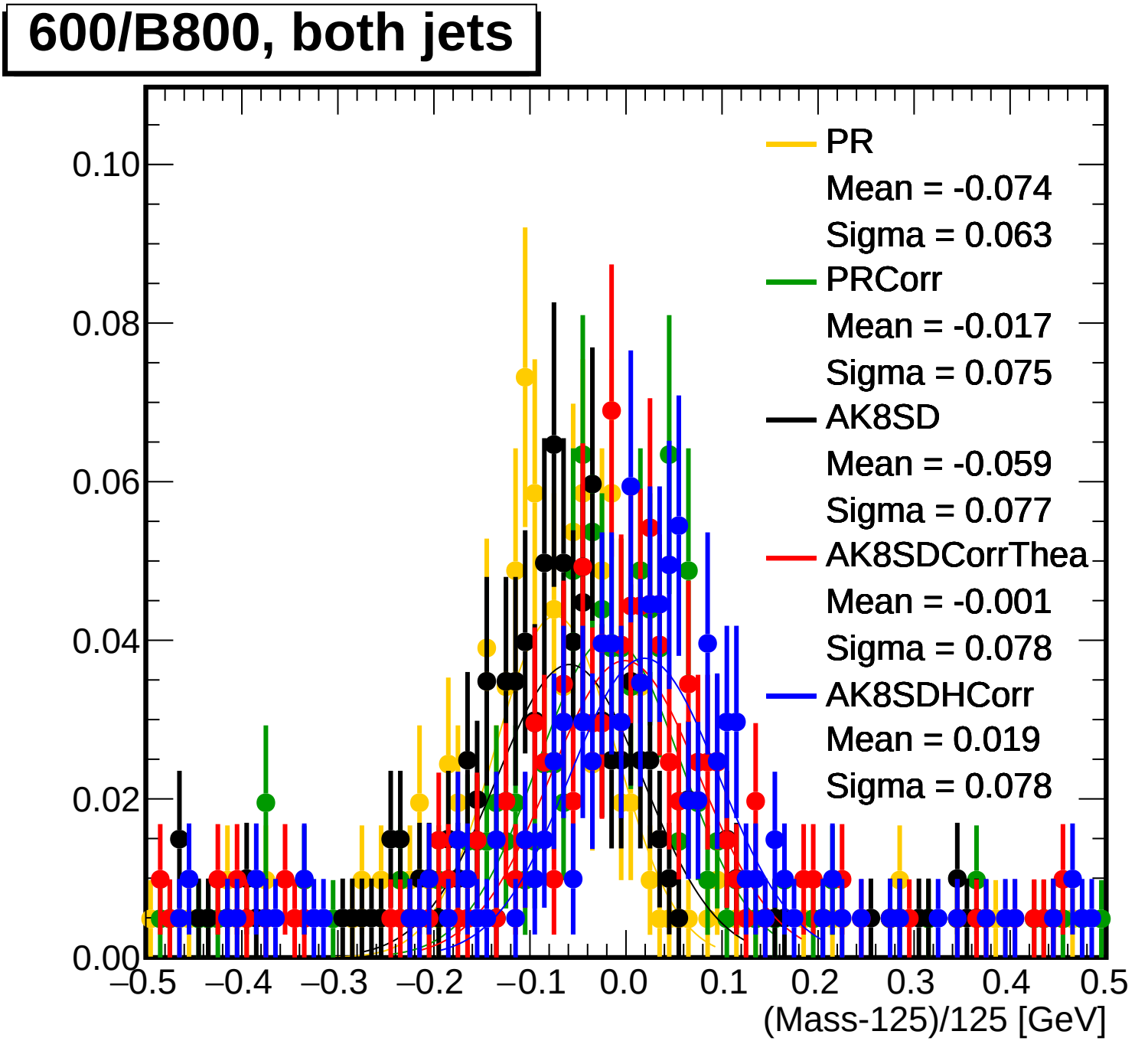

600/B800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

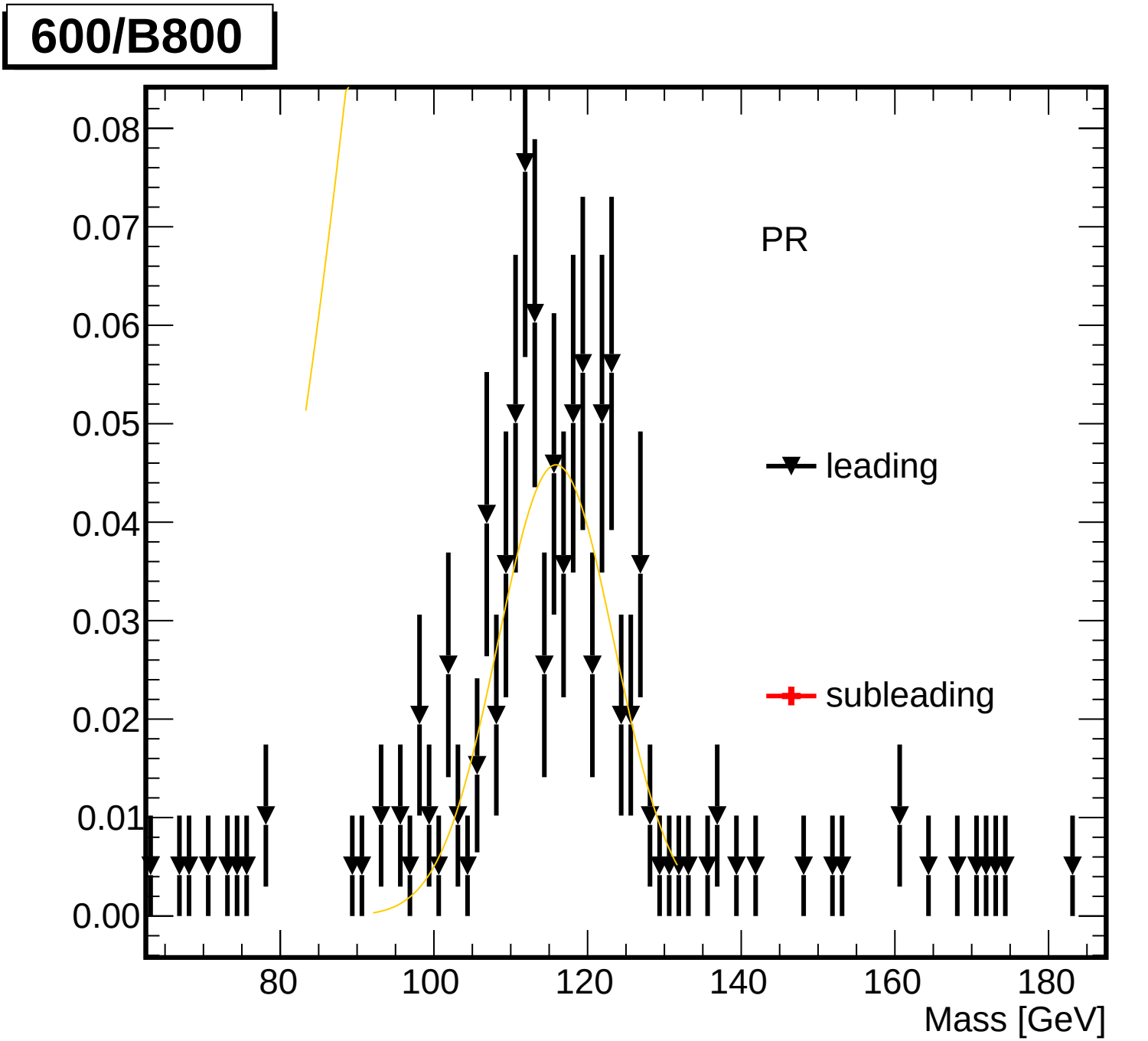

600/B800, leading jet
PR
Mean = -0.072
Sigma = 0.062
PRCorr
Mean = -0.014
Sigma = 0.071
AK8SD
Mean = -0.059
Sigma = 0.077
AK8SDCorrThea
Mean = 0.003
Sigma = 0.075
AK8SDHCorr
Mean = 0.023
Sigma = 0.075
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

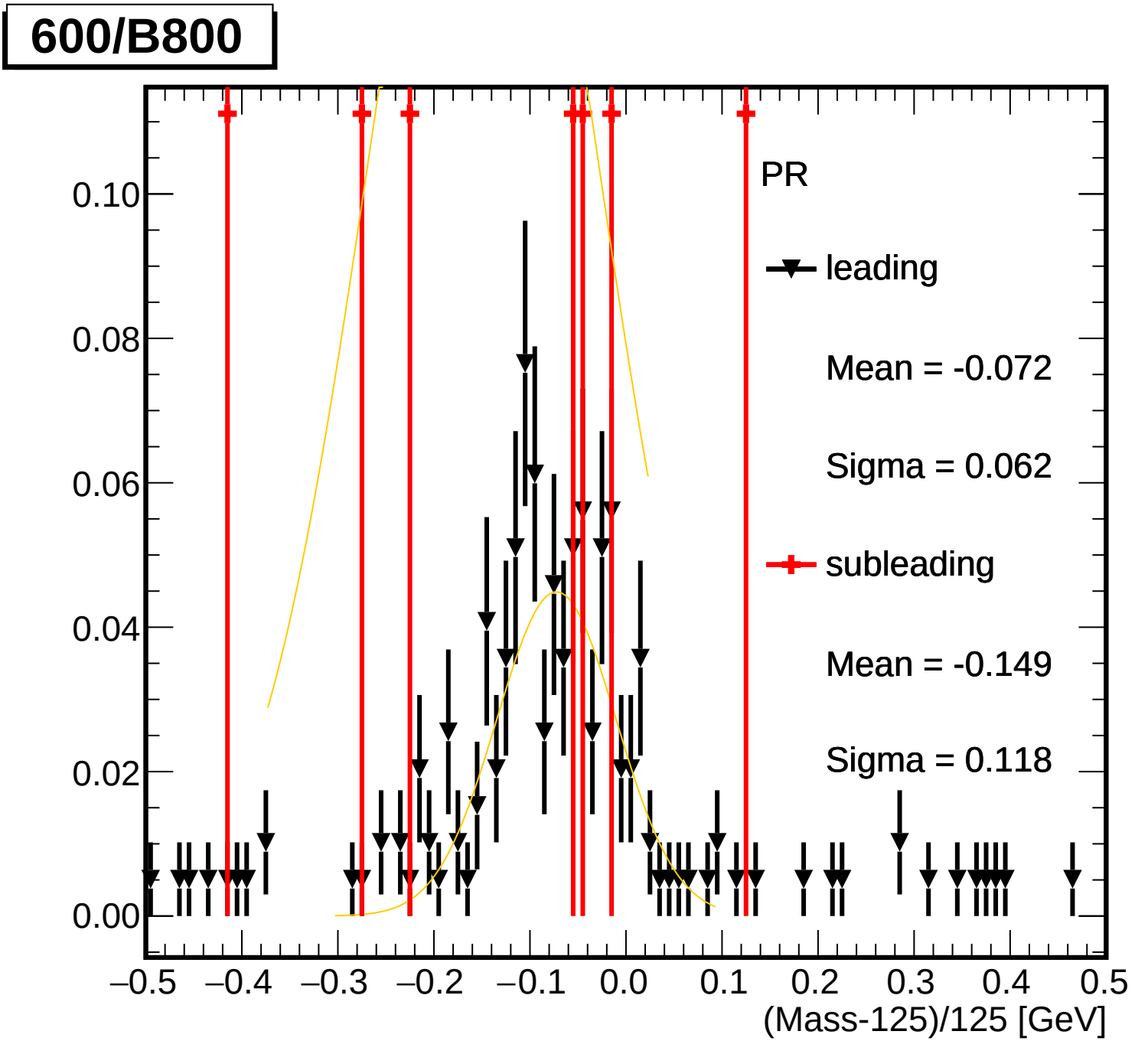

600/B800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

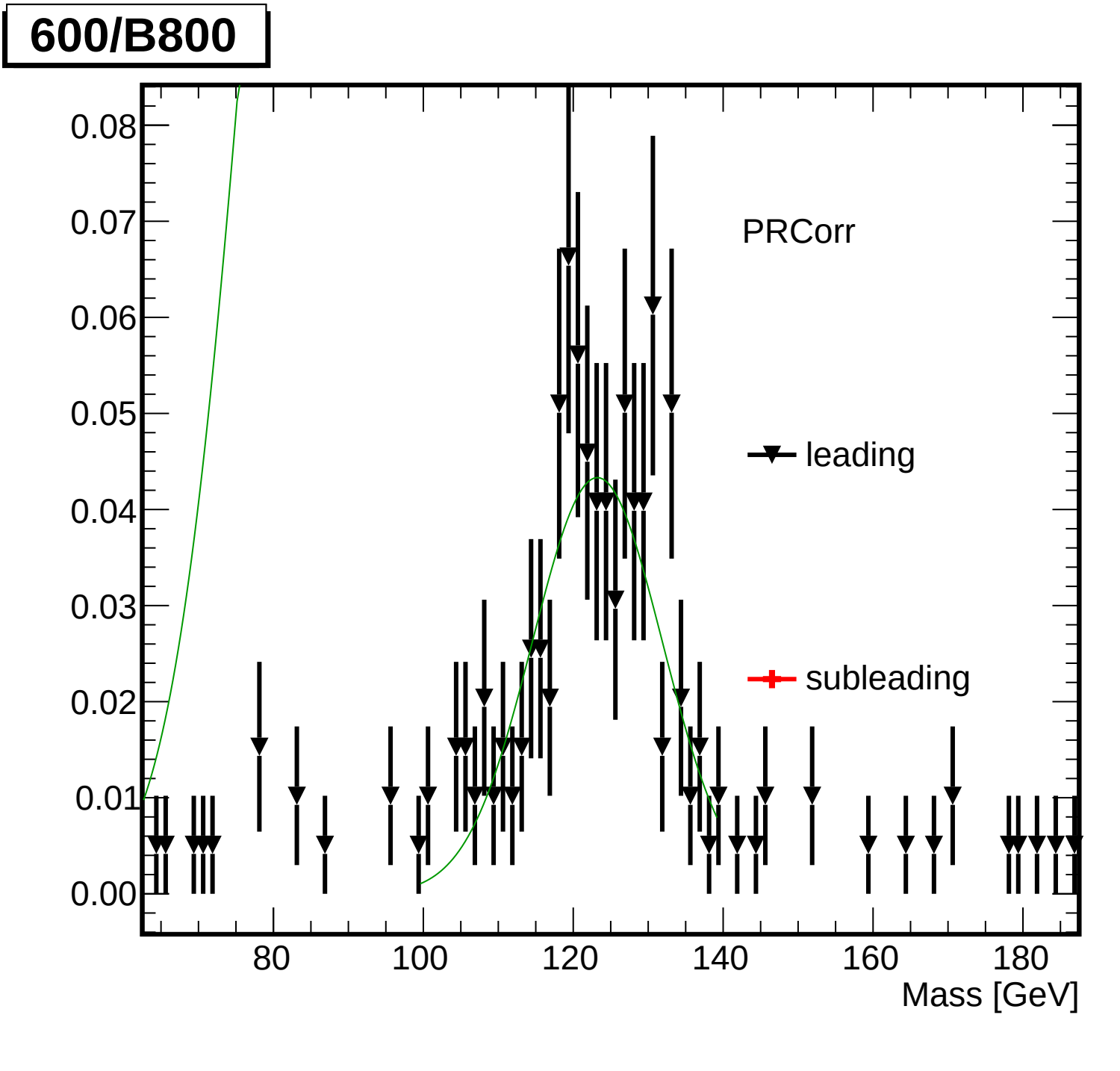

600/B800, subleading jet
PR
Mean = -0.149
Sigma = 0.118
PRCorr
Mean = -0.300
Sigma = 0.083
AK8SD
Mean = -0.146
Sigma = 0.102
AK8SDCorrThea
Mean = -0.086
Sigma = 0.107
AK8SDHCorr
Mean = -0.066
Sigma = 0.107
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

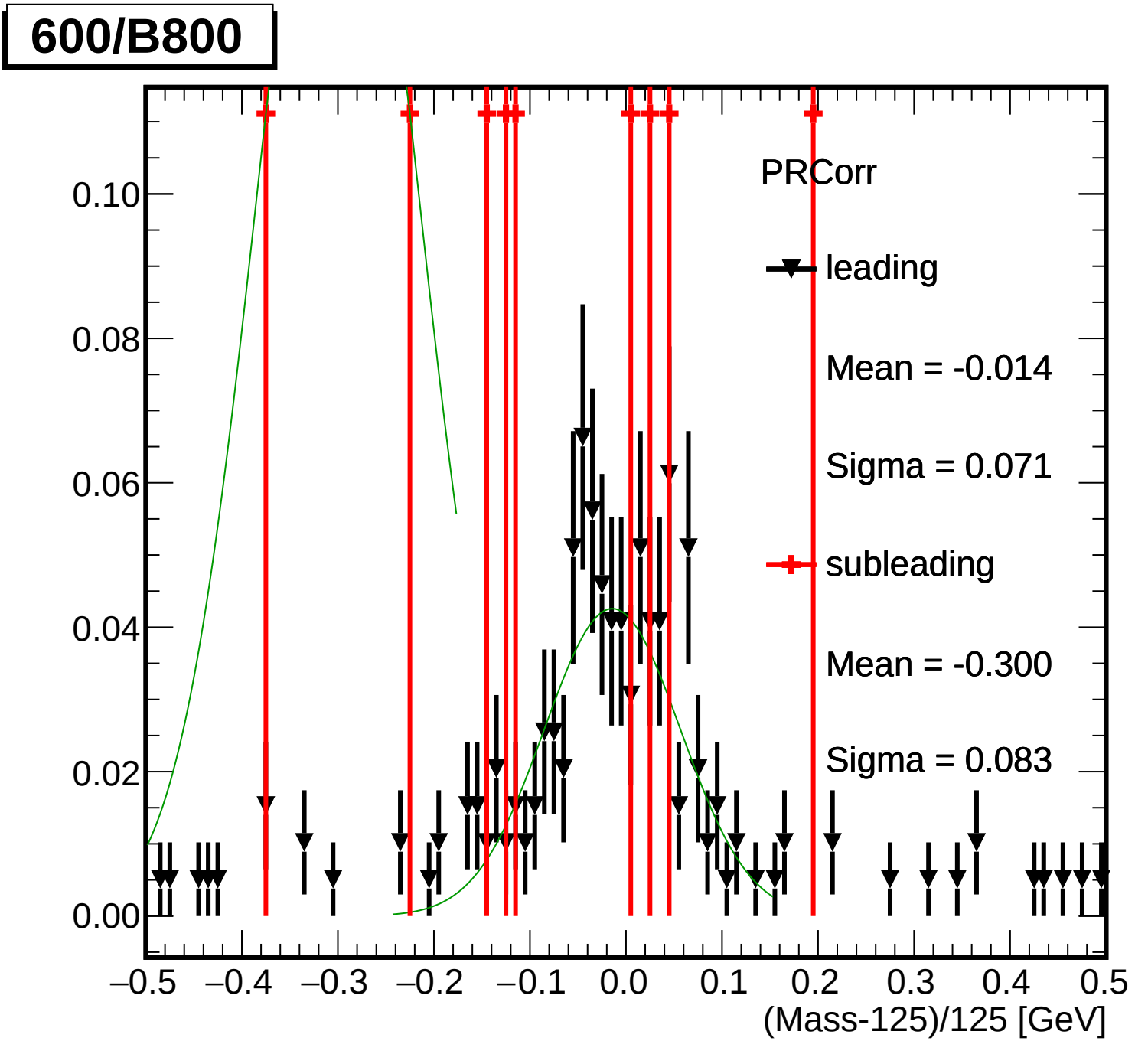

600/B800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

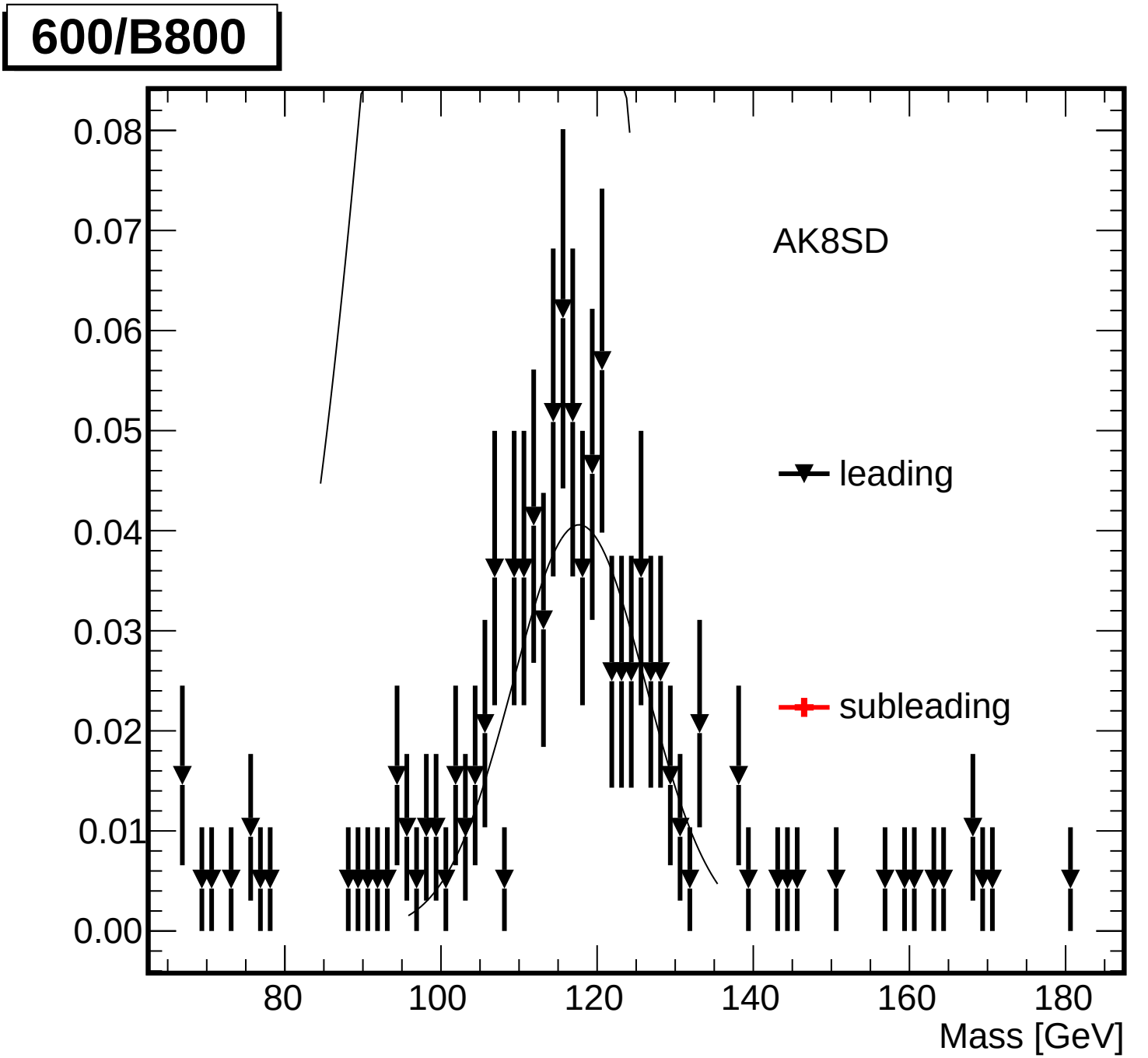

600/B800, both jets
PR
Mean = -0.074
Sigma = 0.063
PRCorr
Mean = -0.017
Sigma = 0.075
AK8SD
Mean = -0.059
Sigma = 0.077
AK8SDCorrThea
Mean = -0.001
Sigma = 0.078
AK8SDHCorr
Mean = 0.019
Sigma = 0.078
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

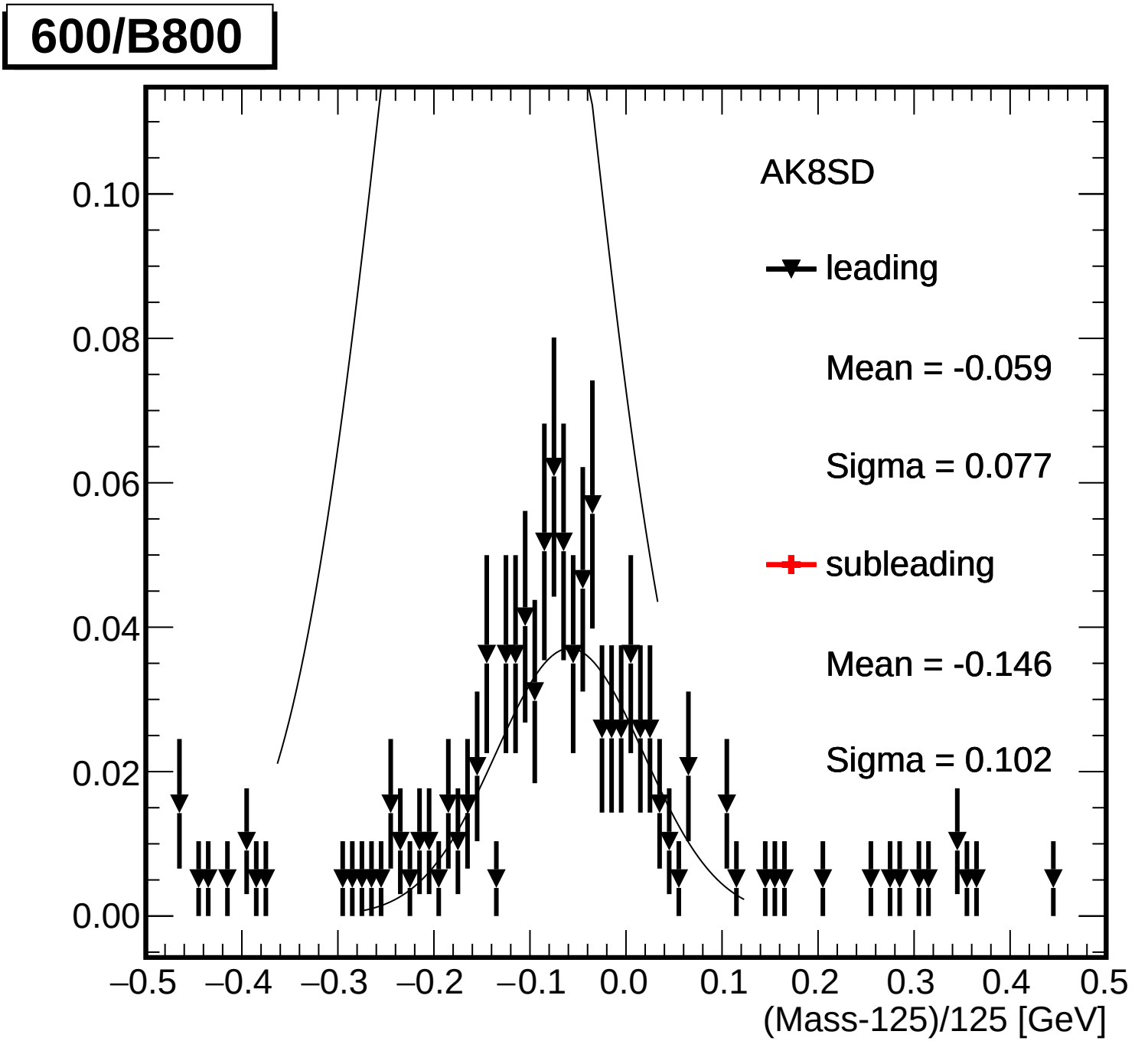

600/B800
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

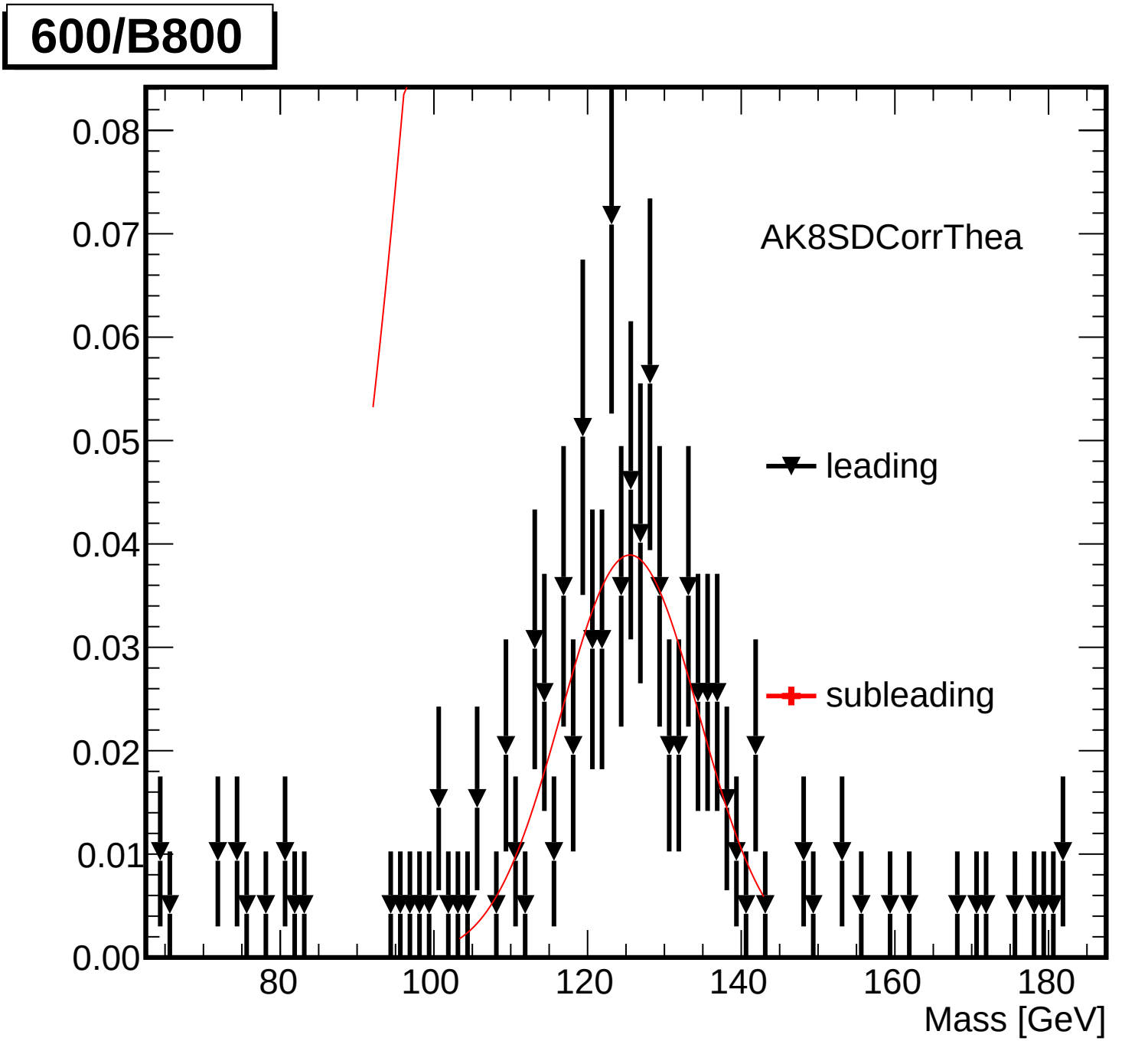

600/B800
PR
leading
Mean = -0.072
Sigma = 0.062
subleading
Mean = -0.149
Sigma = 0.118
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

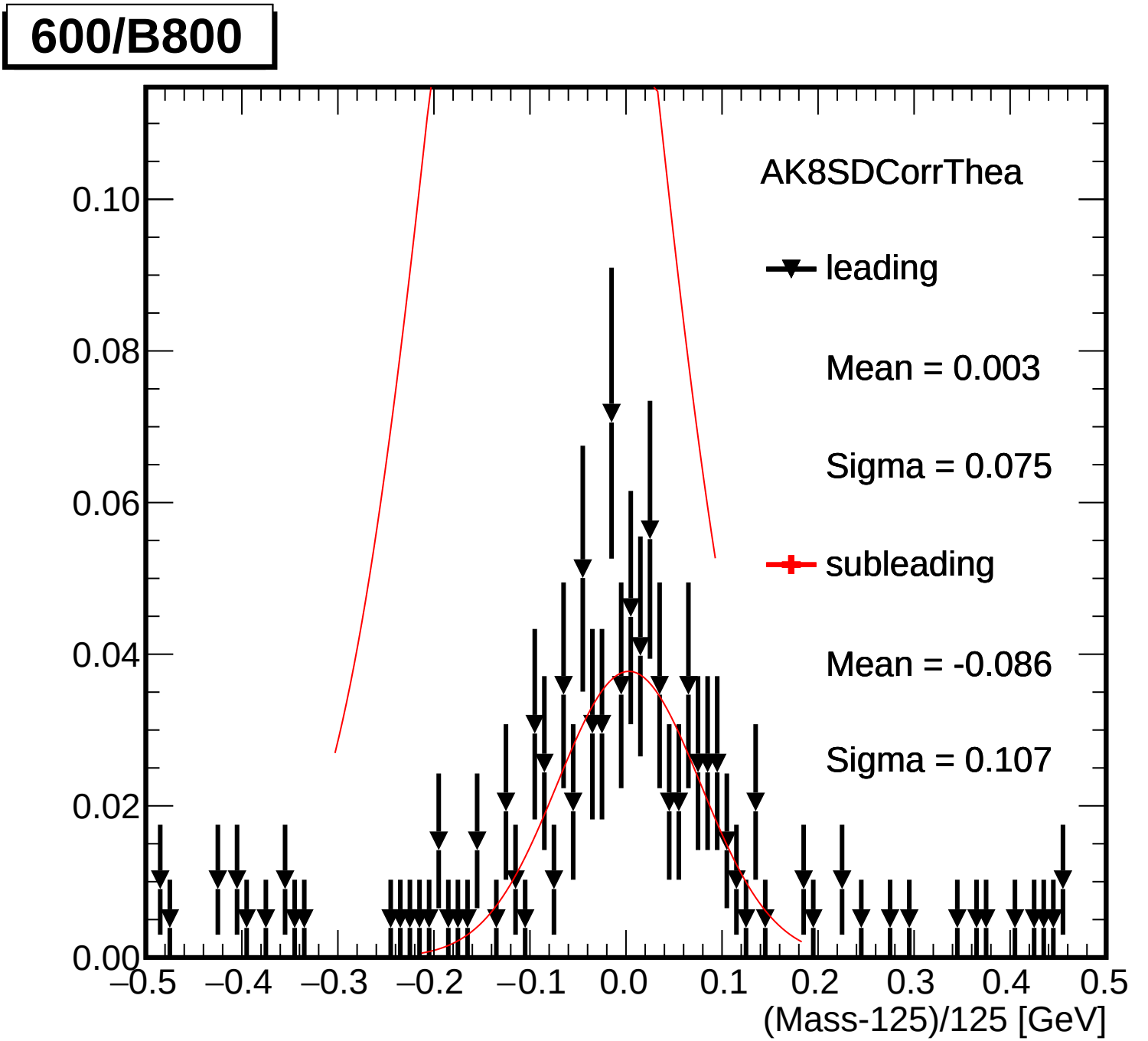

600/B800
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

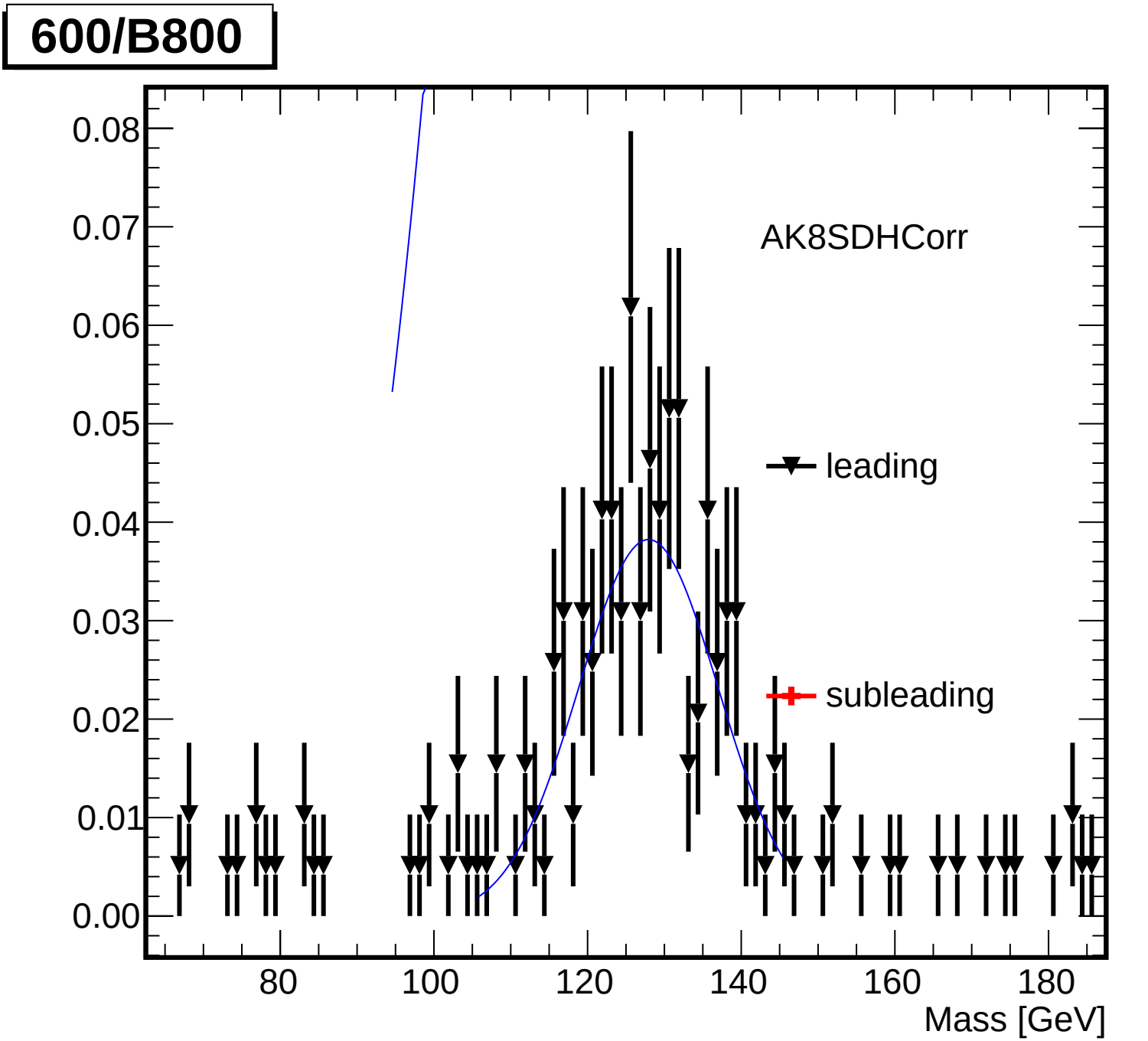

600/B800
PRCorr
leading
Mean = -0.014
Sigma = 0.071
subleading
Mean = -0.300
Sigma = 0.083
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

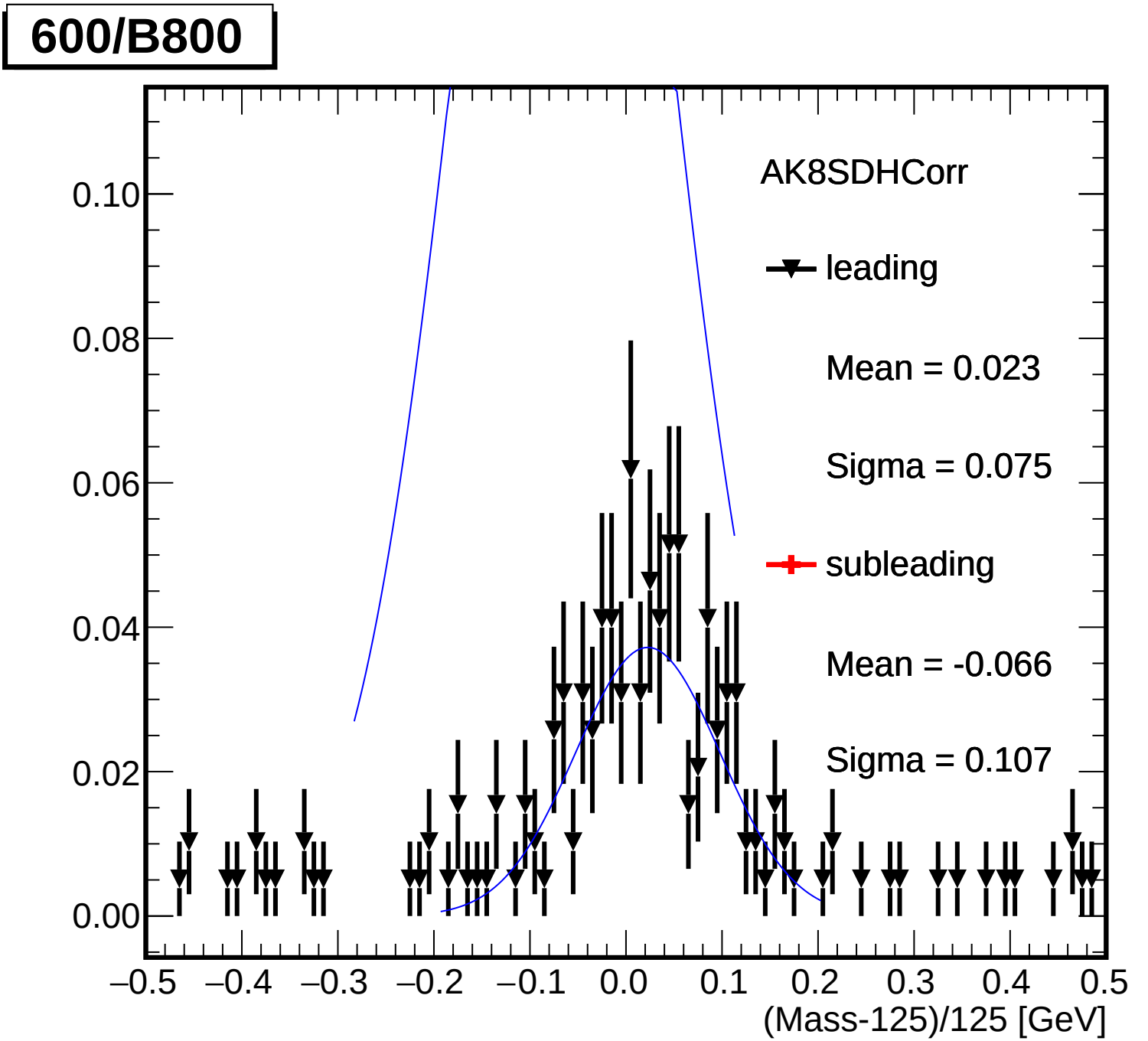

600/B800
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
AK8SD
leading
subleading
80
100
120
140
160
180
Mass [GeV]


600/B800
AK8SD
leading
Mean = -0.059
Sigma = 0.077
subleading
Mean = -0.146
Sigma = 0.102
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]


600/B800
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]


600/B800
AK8SDCorrThea
leading
Mean = 0.003
Sigma = 0.075
subleading
Mean = -0.086
Sigma = 0.107
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]


600/B800
AK8SDHCorr
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]


600/B800
AK8SDHCorr
leading
Mean = 0.023
Sigma = 0.075
subleading
Mean = -0.066
Sigma = 0.107
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]