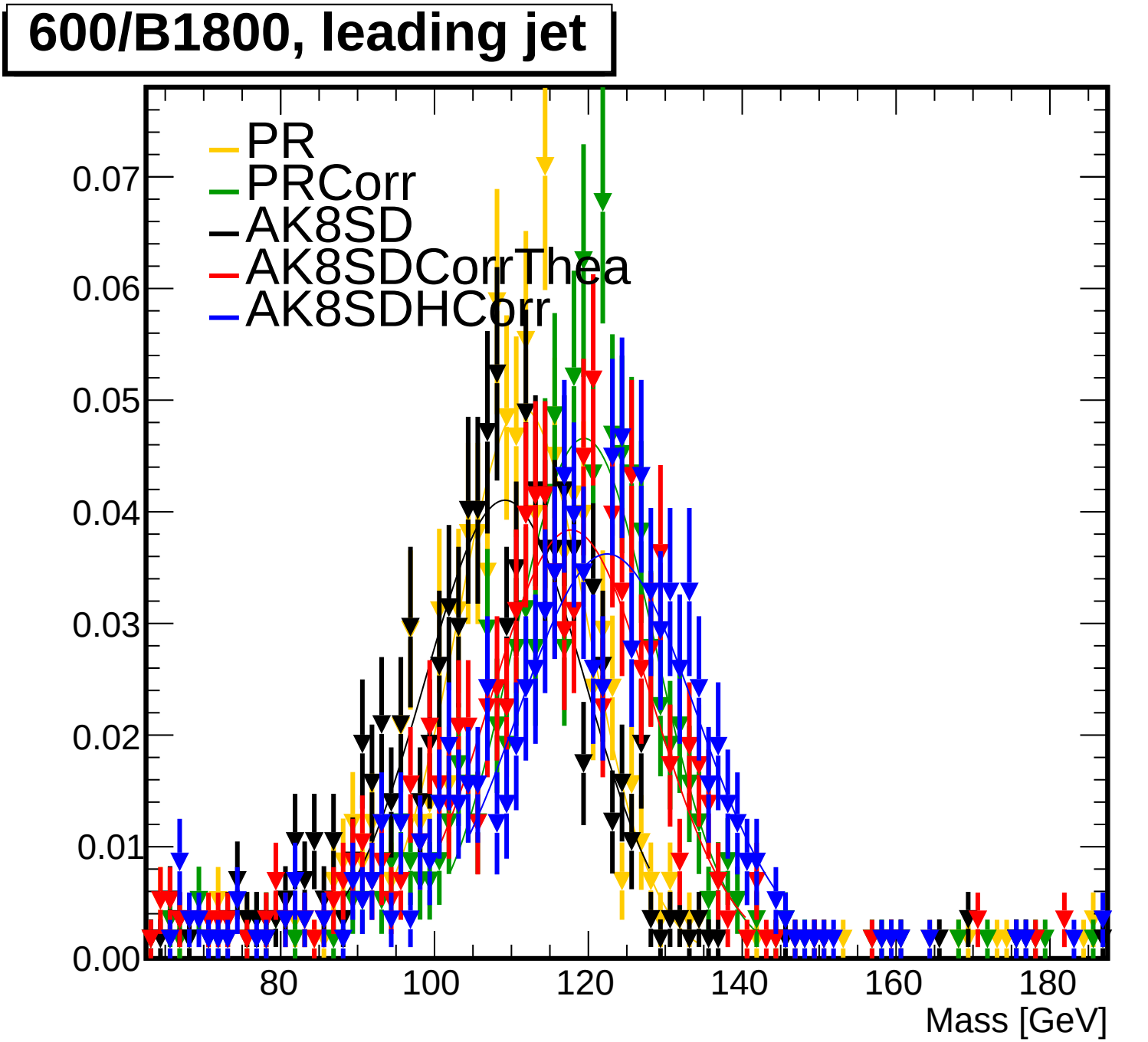
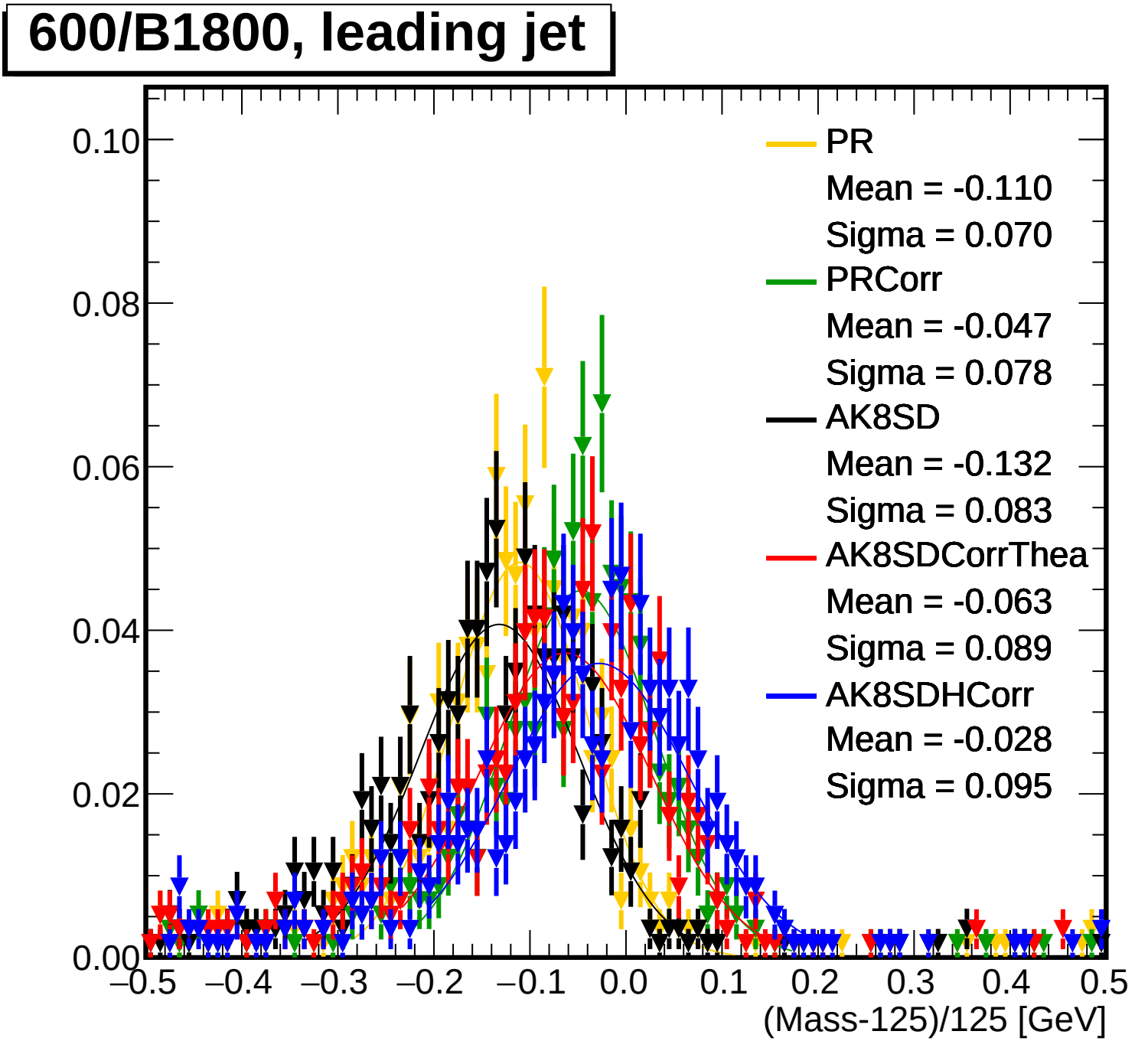
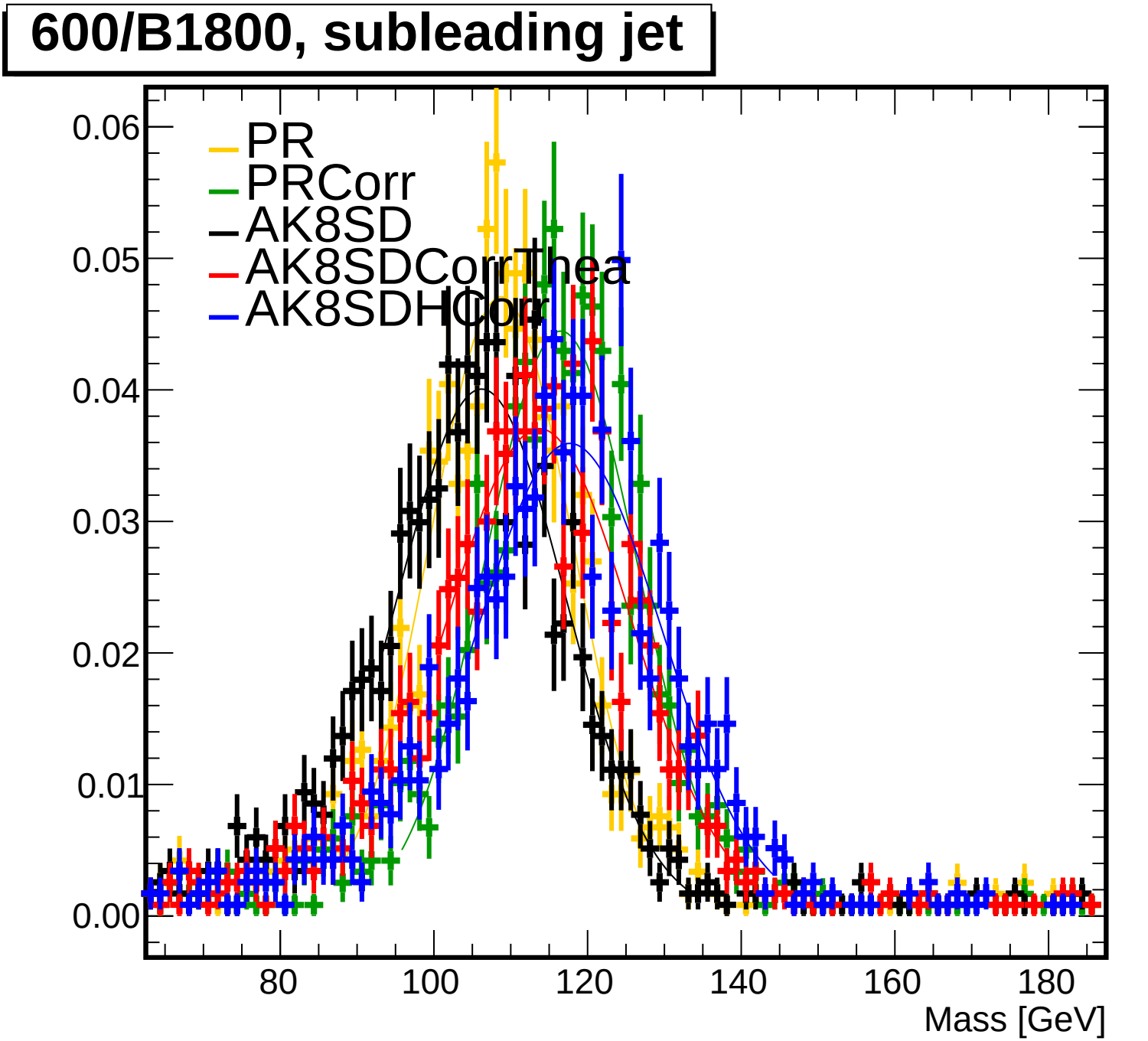
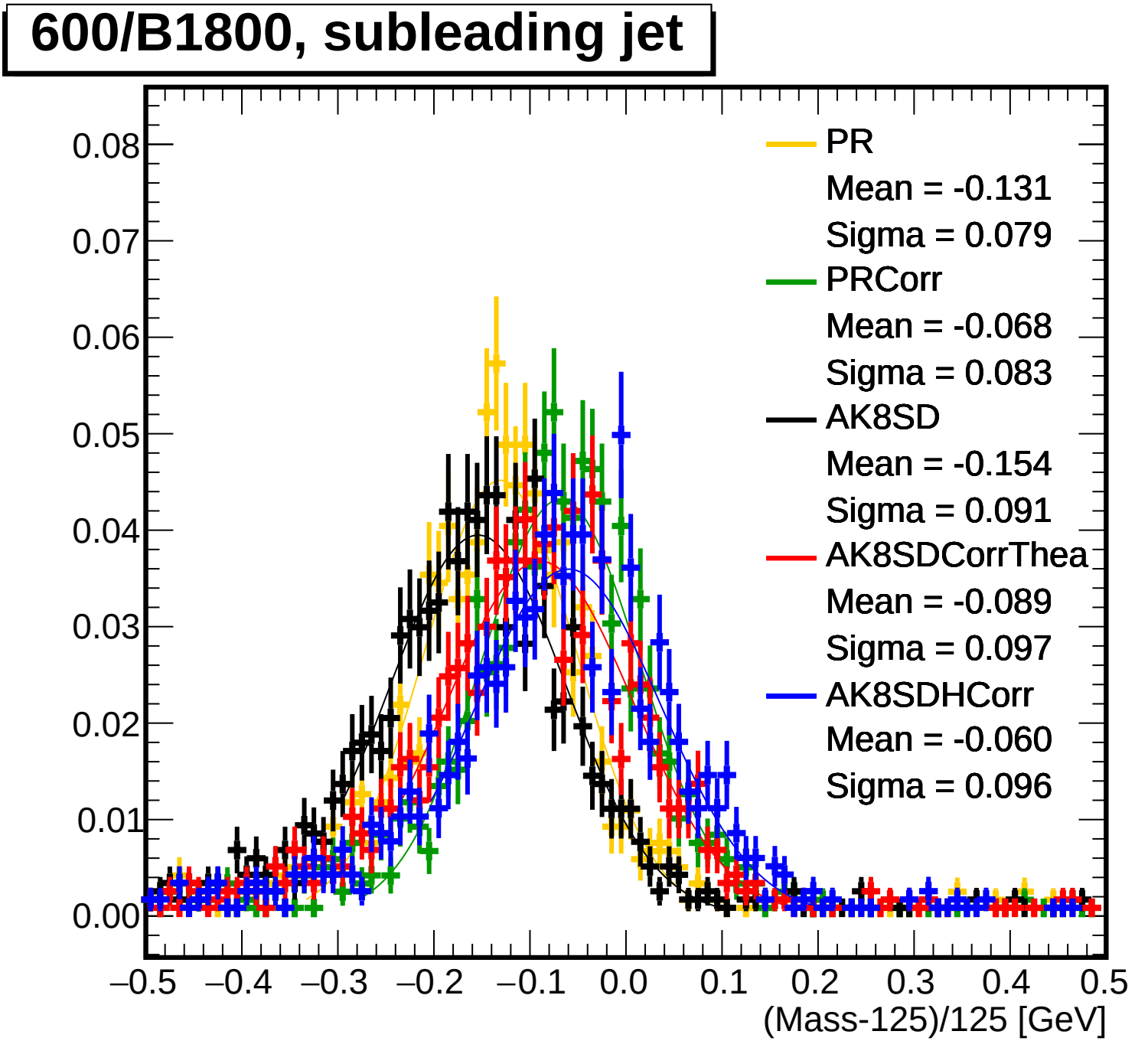
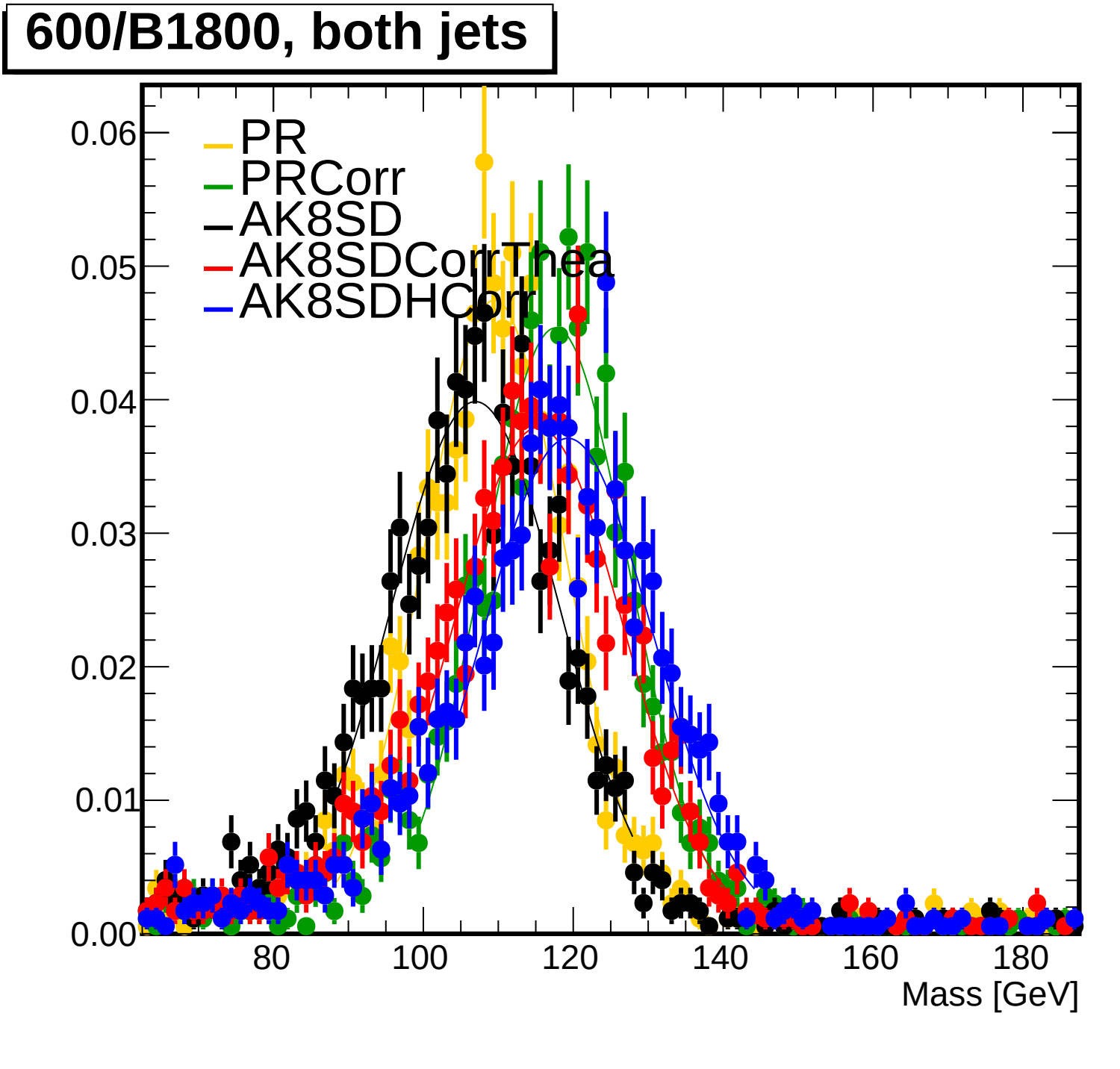
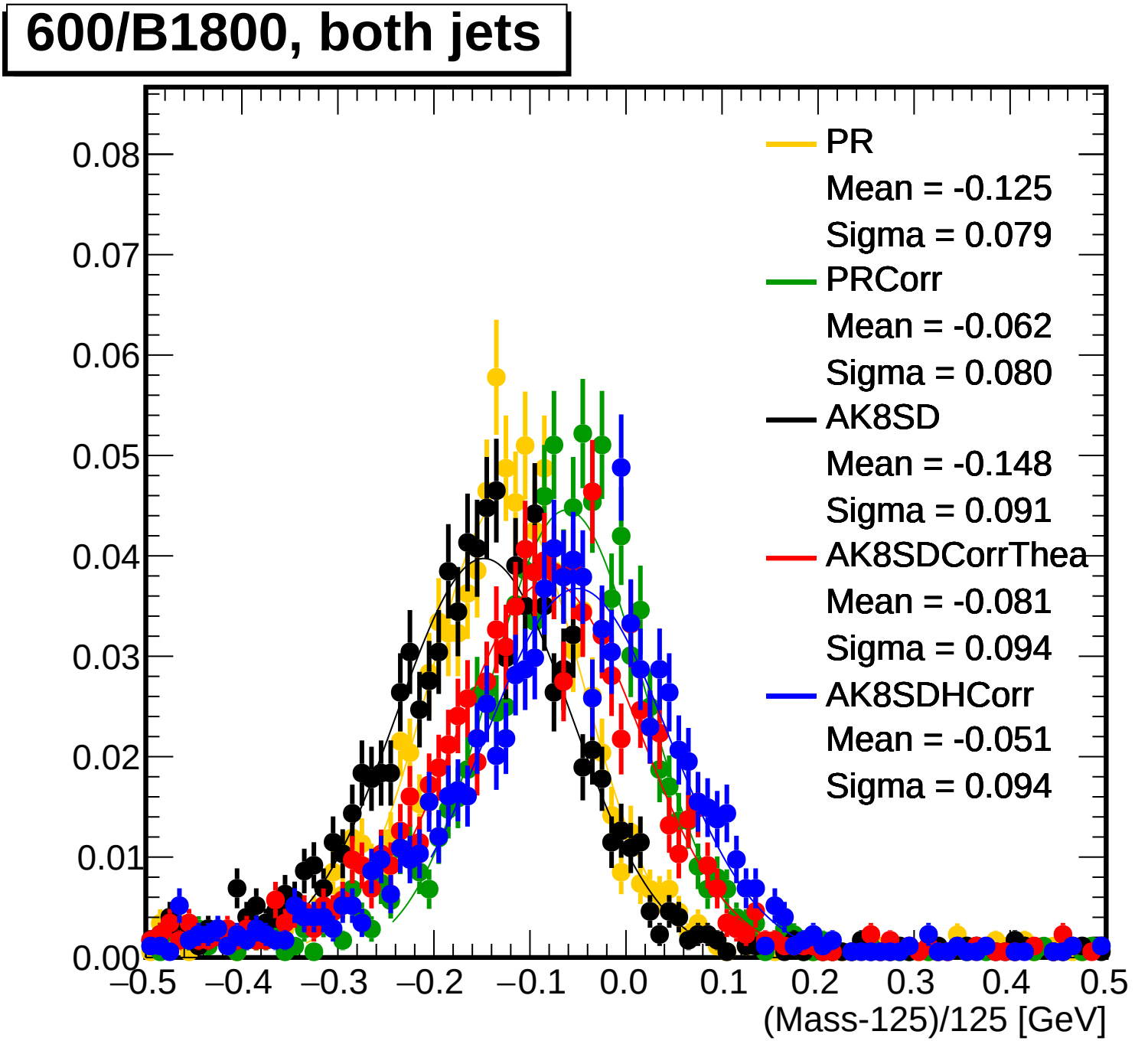

600/B1800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

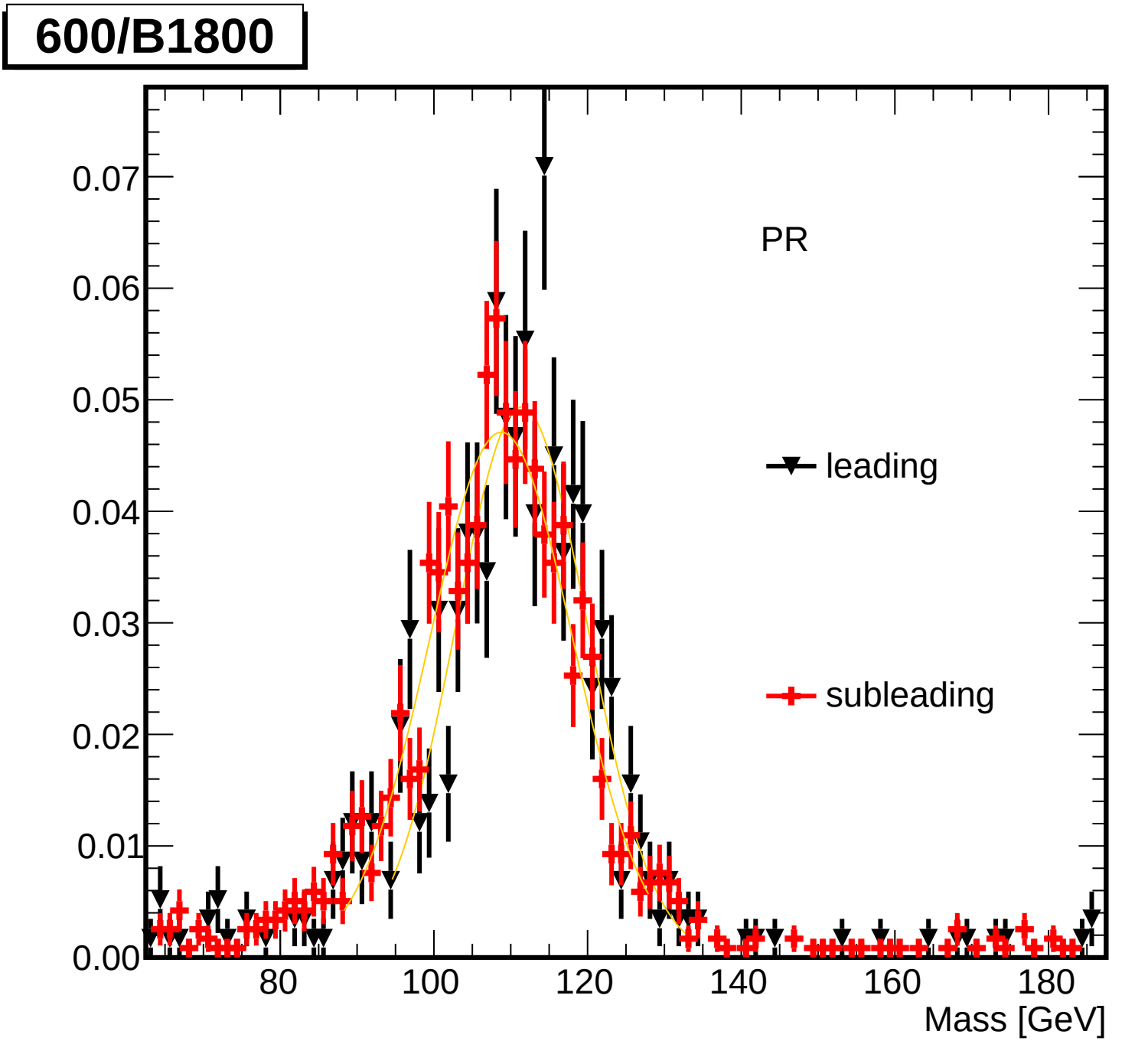

600/B1800, leading jet
PR
Mean = -0.110
Sigma = 0.070
PRCorr
Mean = -0.047
Sigma = 0.078
AK8SD
Mean = -0.132
Sigma = 0.083
AK8SDCorrThea
Mean = -0.063
Sigma = 0.089
AK8SDHCorr
Mean = -0.028
Sigma = 0.095
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

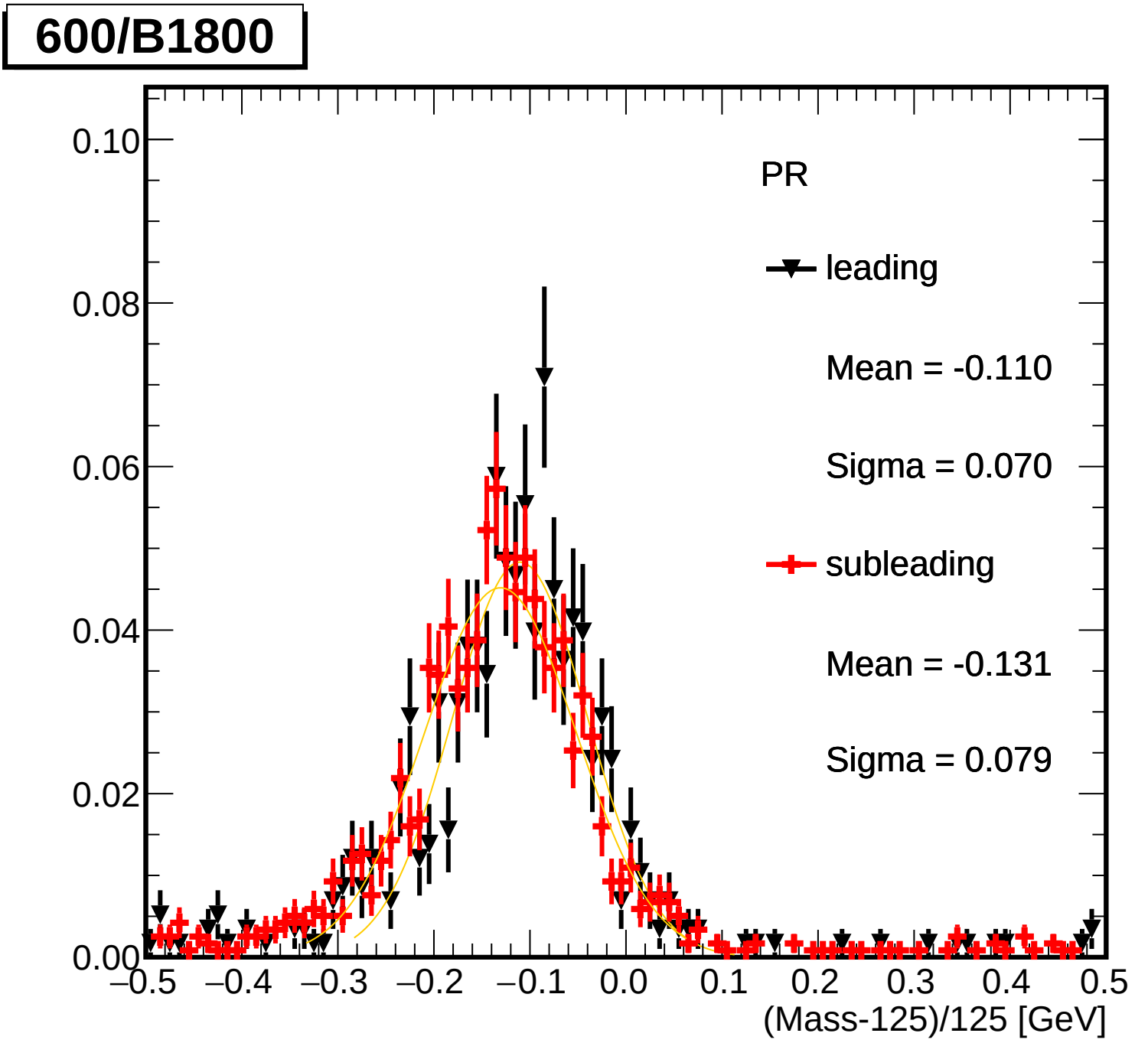

600/B1800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

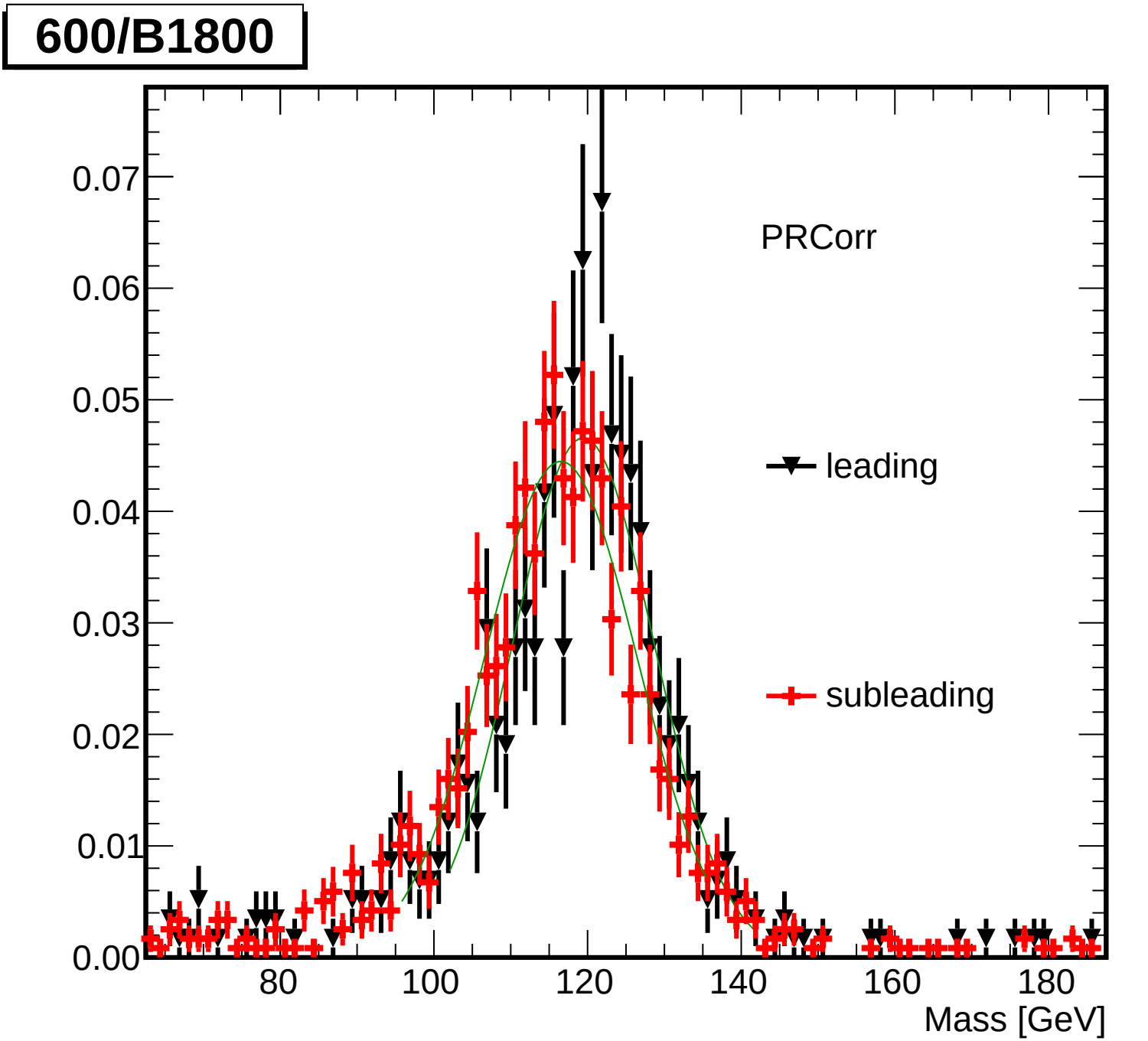

600/B1800, subleading jet
PR
Mean = -0.131
Sigma = 0.079
PRCorr
Mean = -0.068
Sigma = 0.083
AK8SD
Mean = -0.154
Sigma = 0.091
AK8SDCorrThea
Mean = -0.089
Sigma = 0.097
AK8SDHCorr
Mean = -0.060
Sigma = 0.096
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

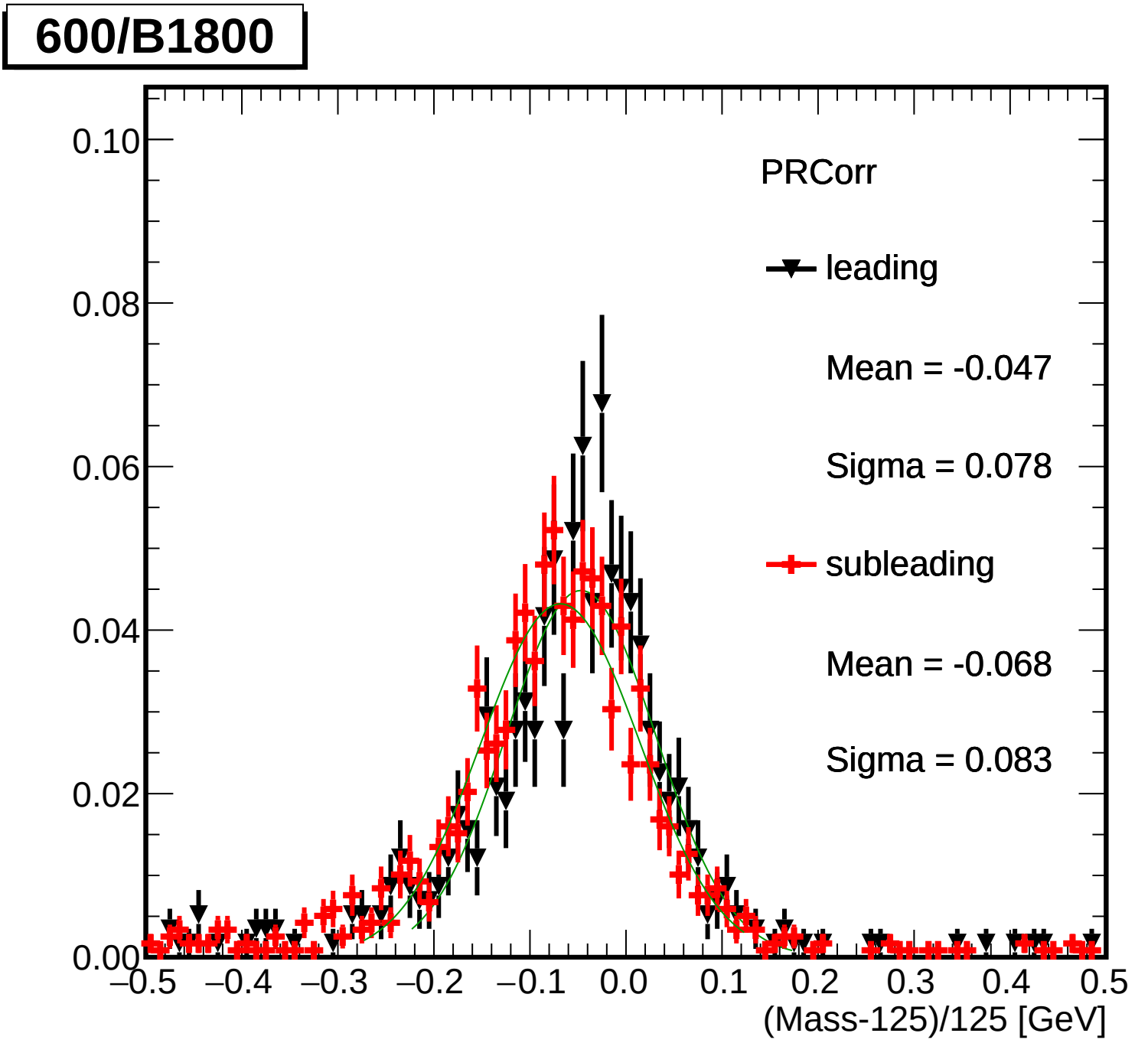

600/B1800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

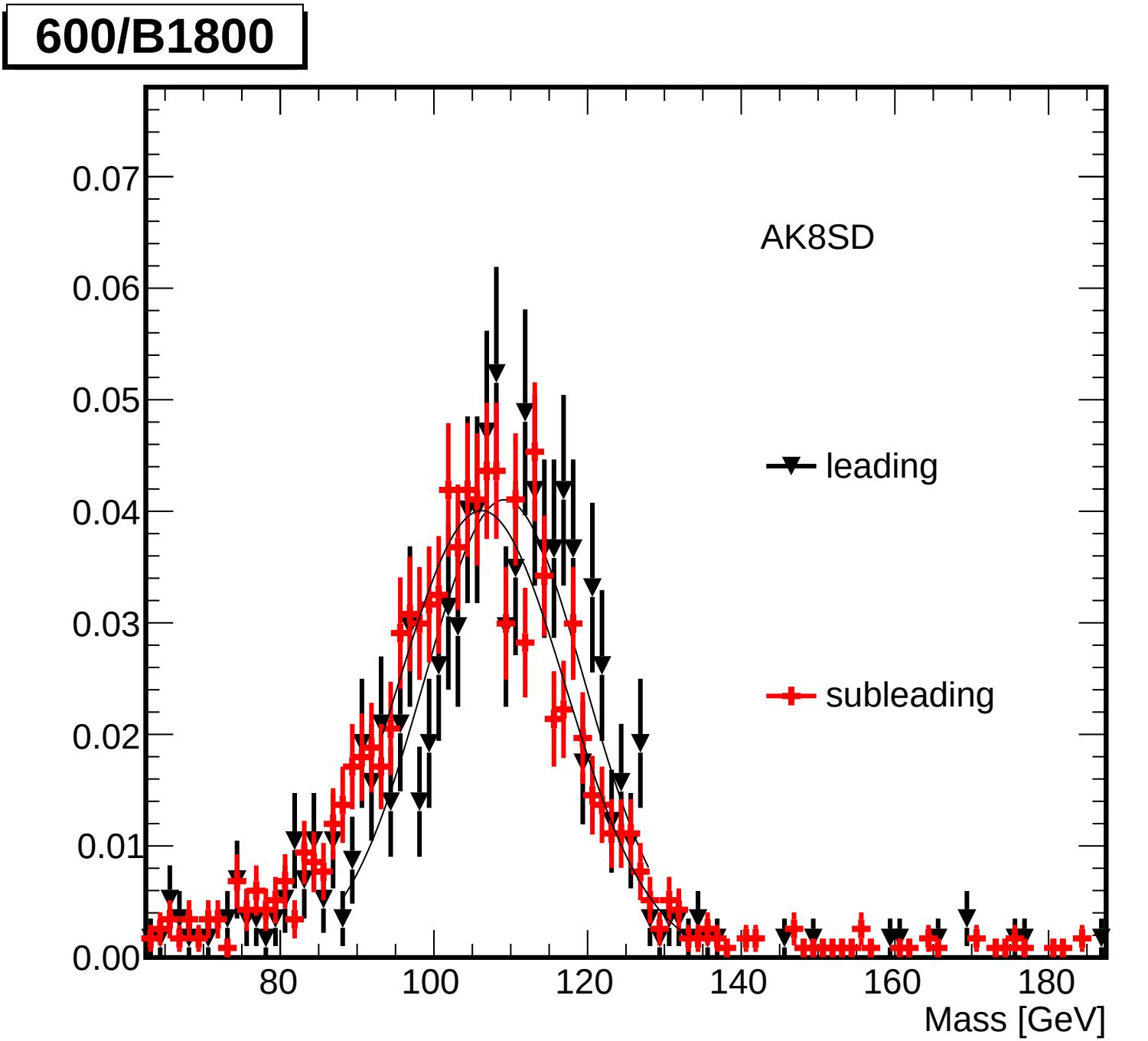

600/B1800, both jets
PR
Mean = -0.125
Sigma = 0.079
PRCorr
Mean = -0.062
Sigma = 0.080
AK8SD
Mean = -0.148
Sigma = 0.091
AK8SDCorrThea
Mean = -0.081
Sigma = 0.094
AK8SDHCorr
Mean = -0.051
Sigma = 0.094
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

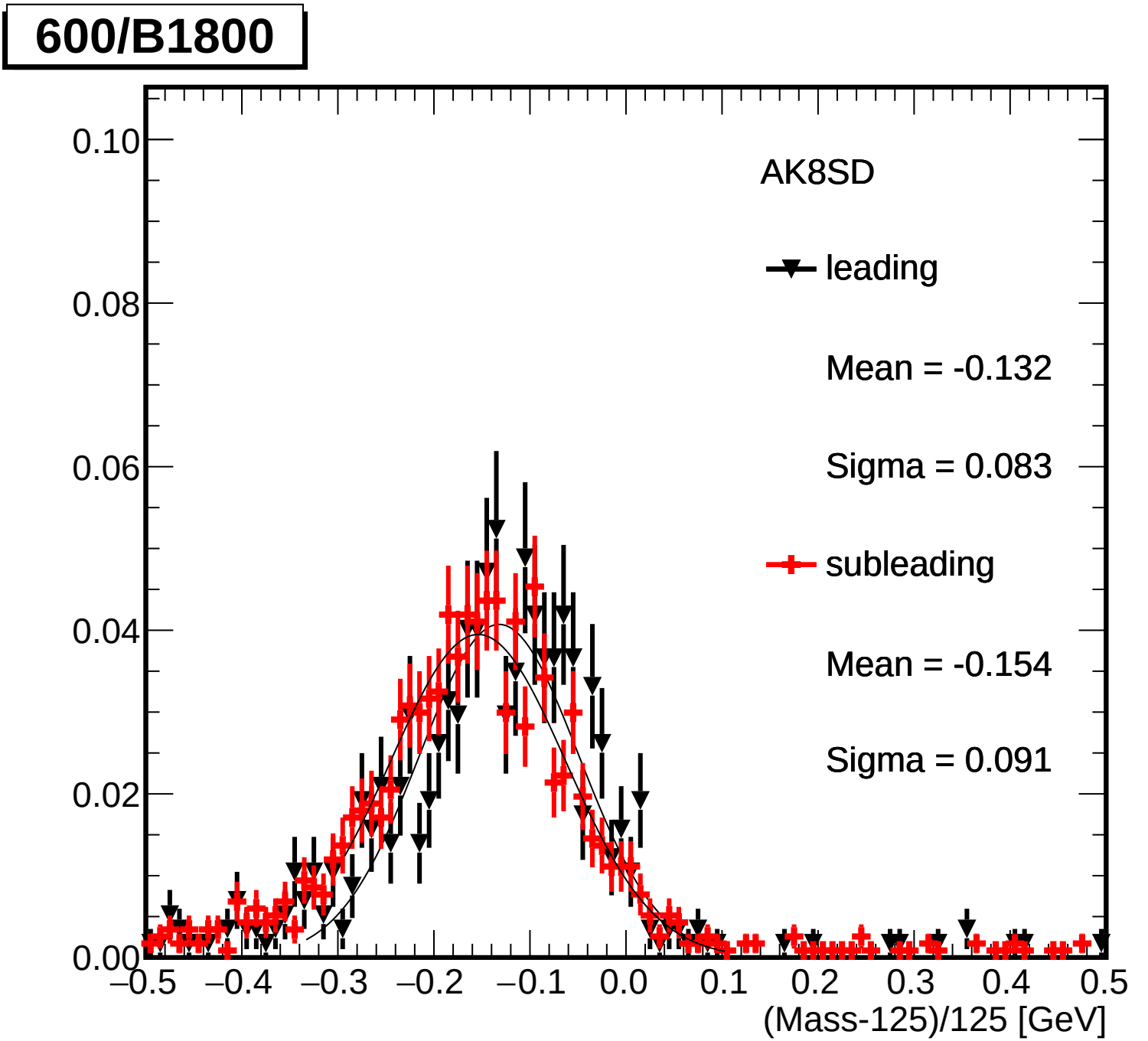

600/B1800
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

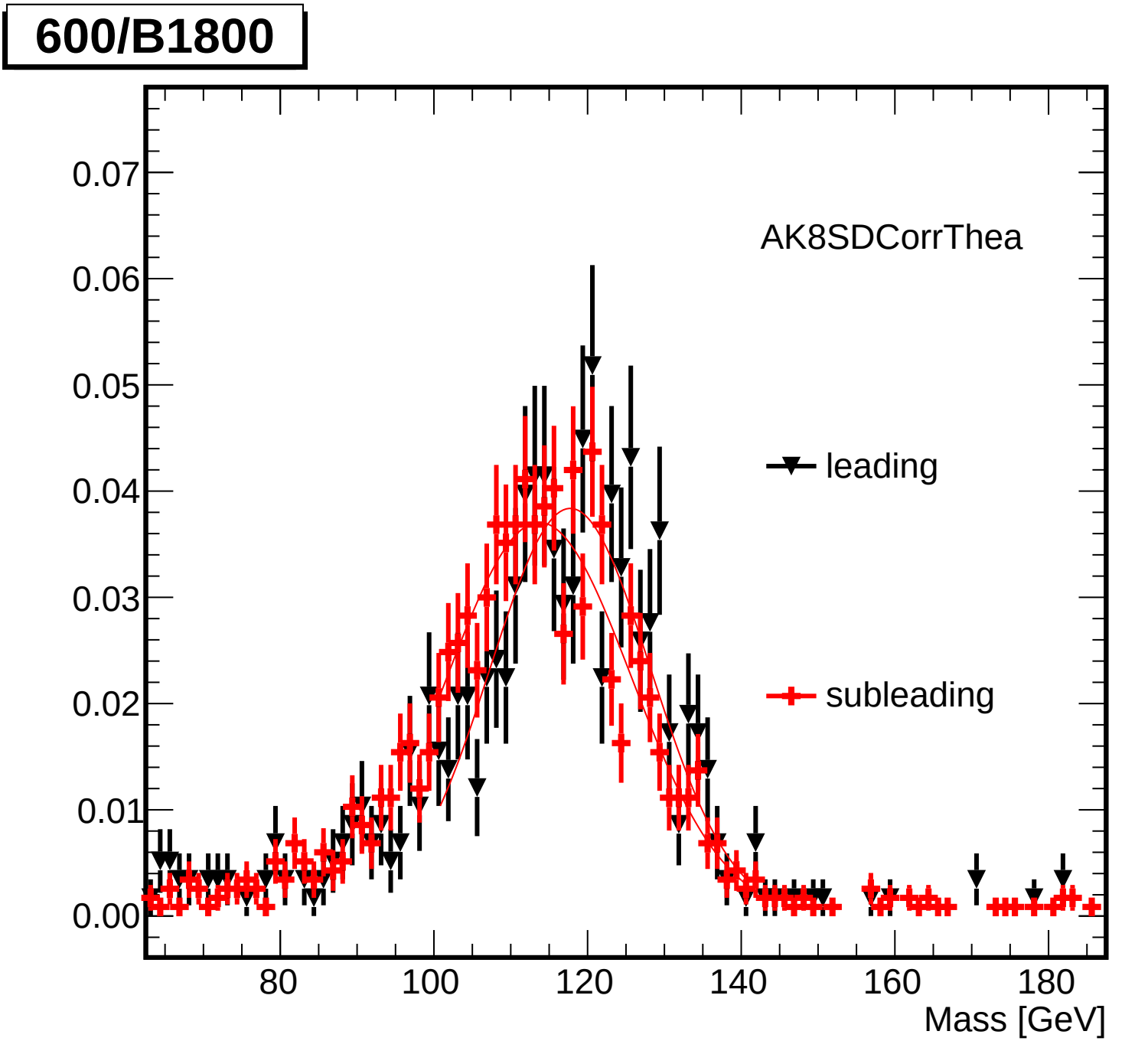

600/B1800
PR
leading
Mean = -0.110
Sigma = 0.070
subleading
Mean = -0.131
Sigma = 0.079
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

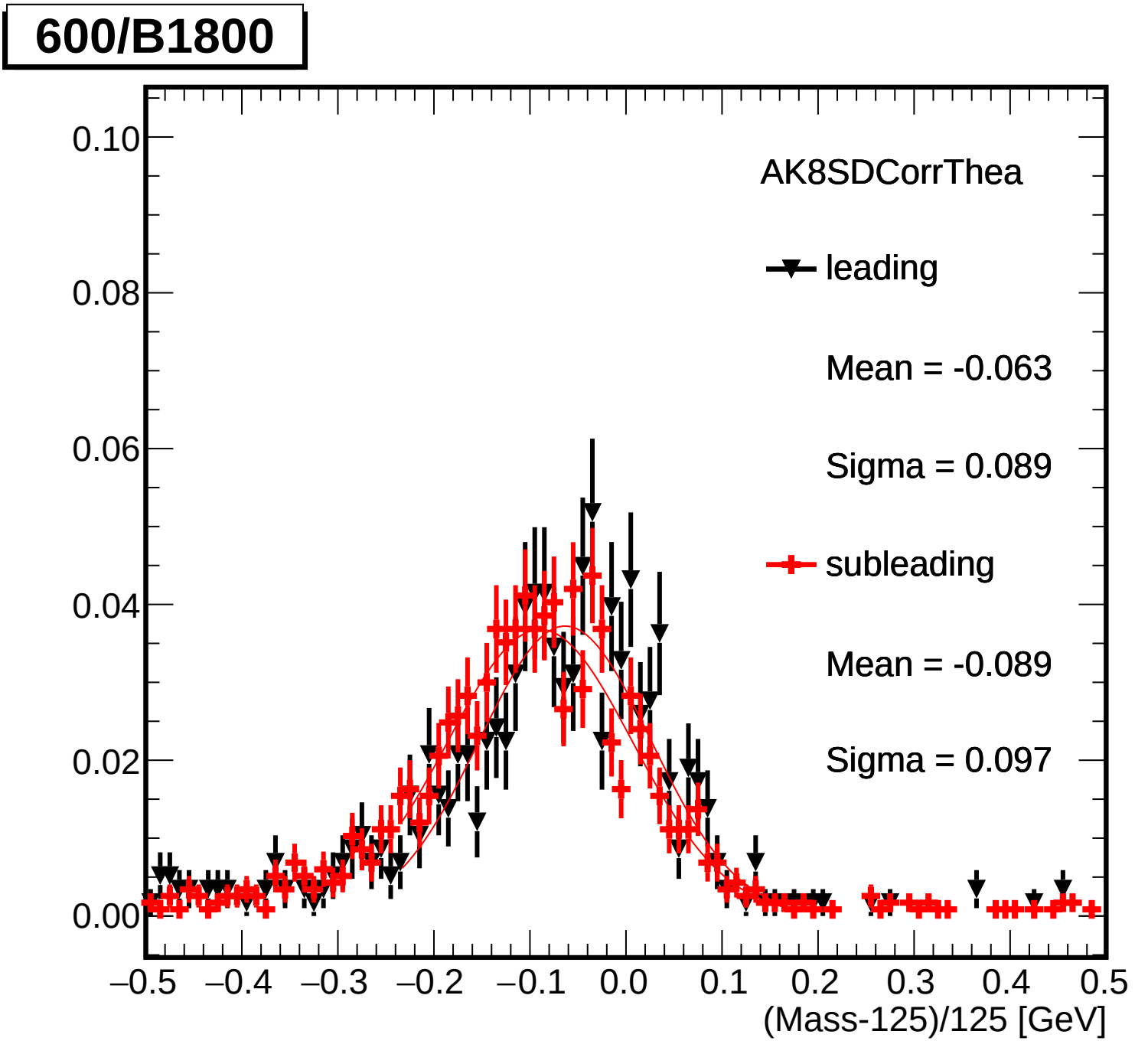

600/B1800
PRCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

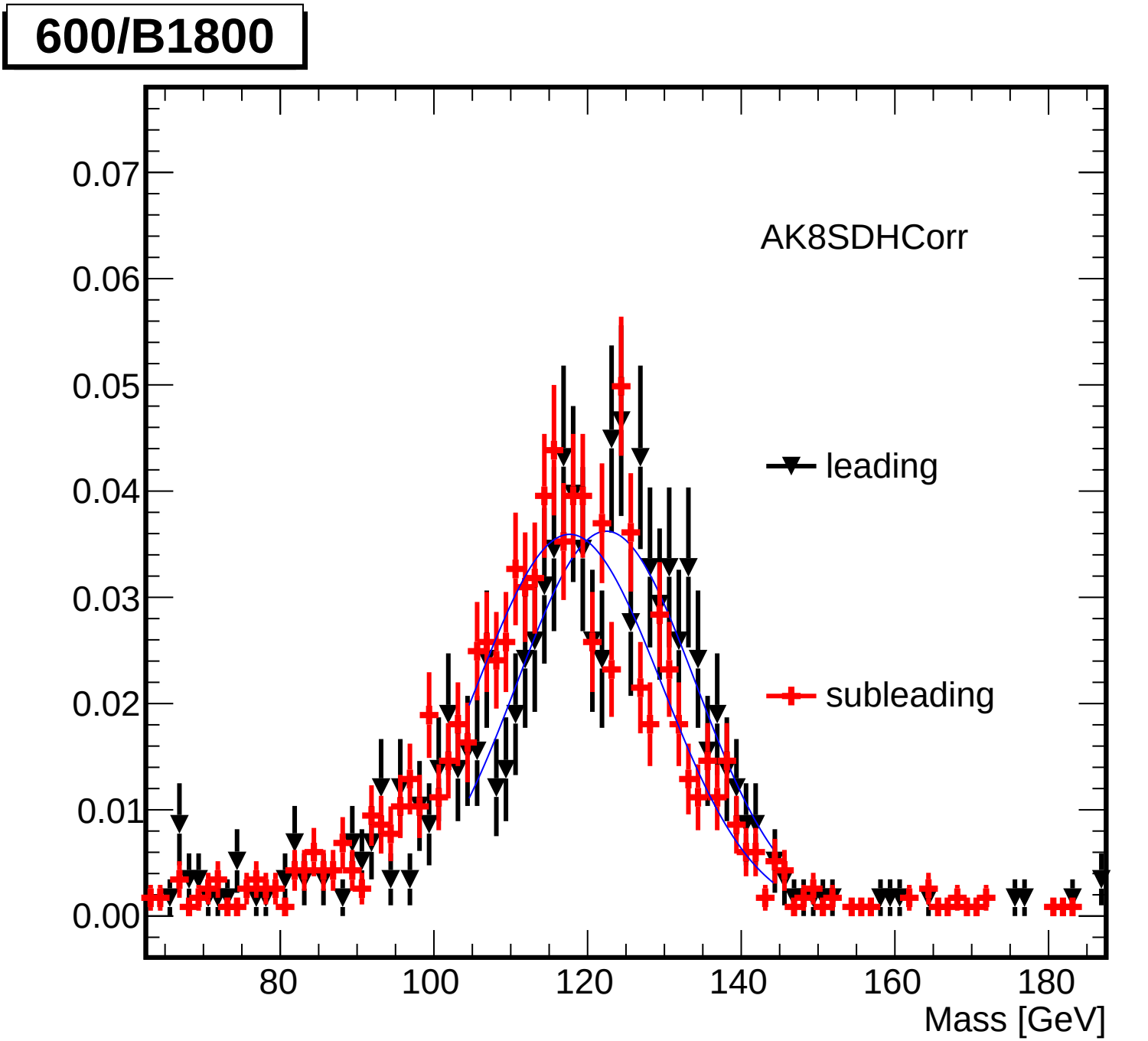

600/B1800
PRCorr
leading
Mean = -0.047
Sigma = 0.078
subleading
Mean = -0.068
Sigma = 0.083
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

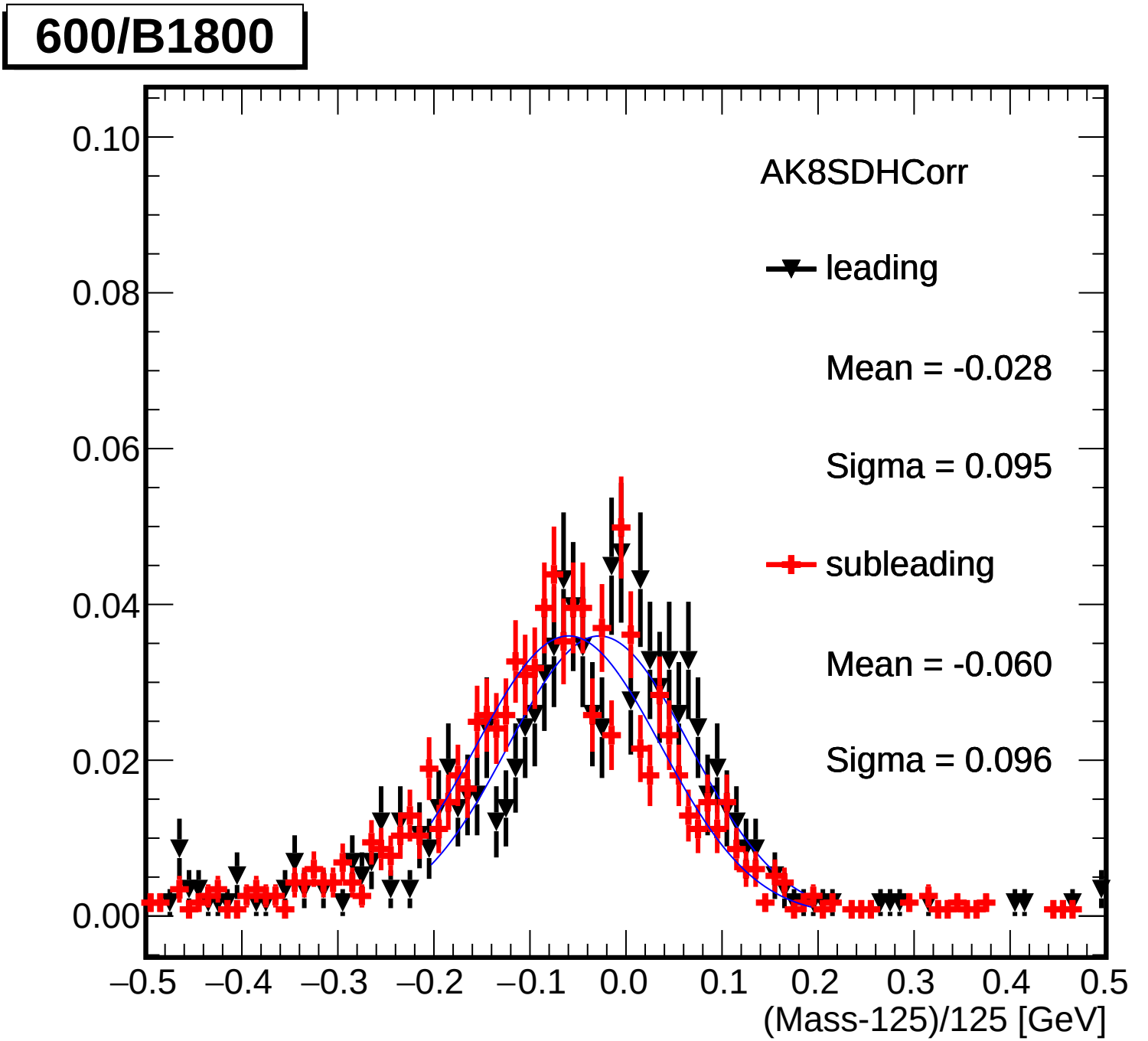

600/B1800
AK8SD
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


600/B1800
AK8SD
leading
Mean = -0.132
Sigma = 0.083
subleading
Mean = -0.154
Sigma = 0.091
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/B1800
AK8SDCorrThea
leading
subleading
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/B1800
AK8SDCorrThea
leading
Mean = -0.063
Sigma = 0.089
subleading
Mean = -0.089
Sigma = 0.097
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/B1800
AK8SDHCorr
leading
subleading
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/B1800
AK8SDHCorr
leading
Mean = -0.028
Sigma = 0.095
subleading
Mean = -0.060
Sigma = 0.096
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]