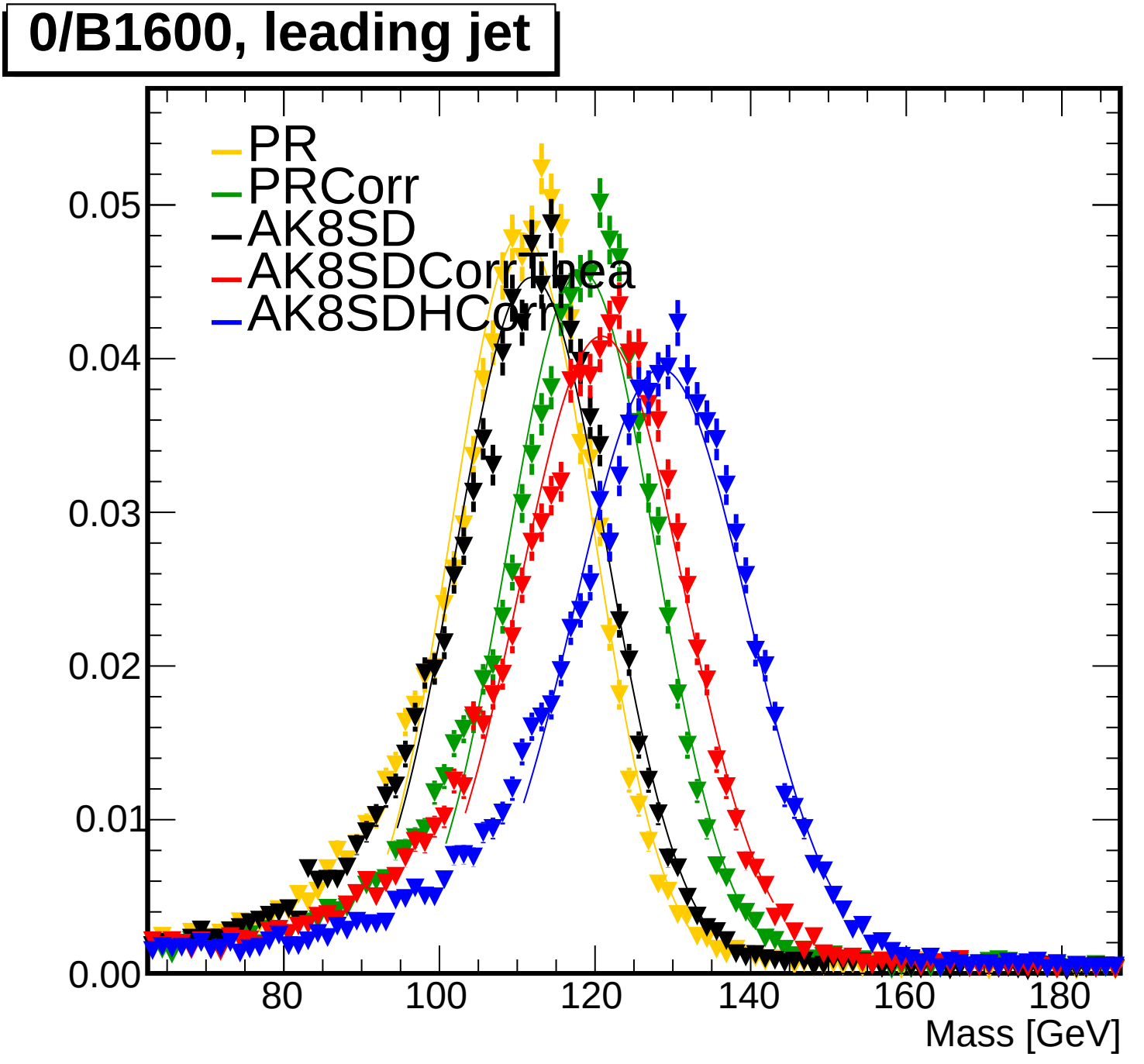
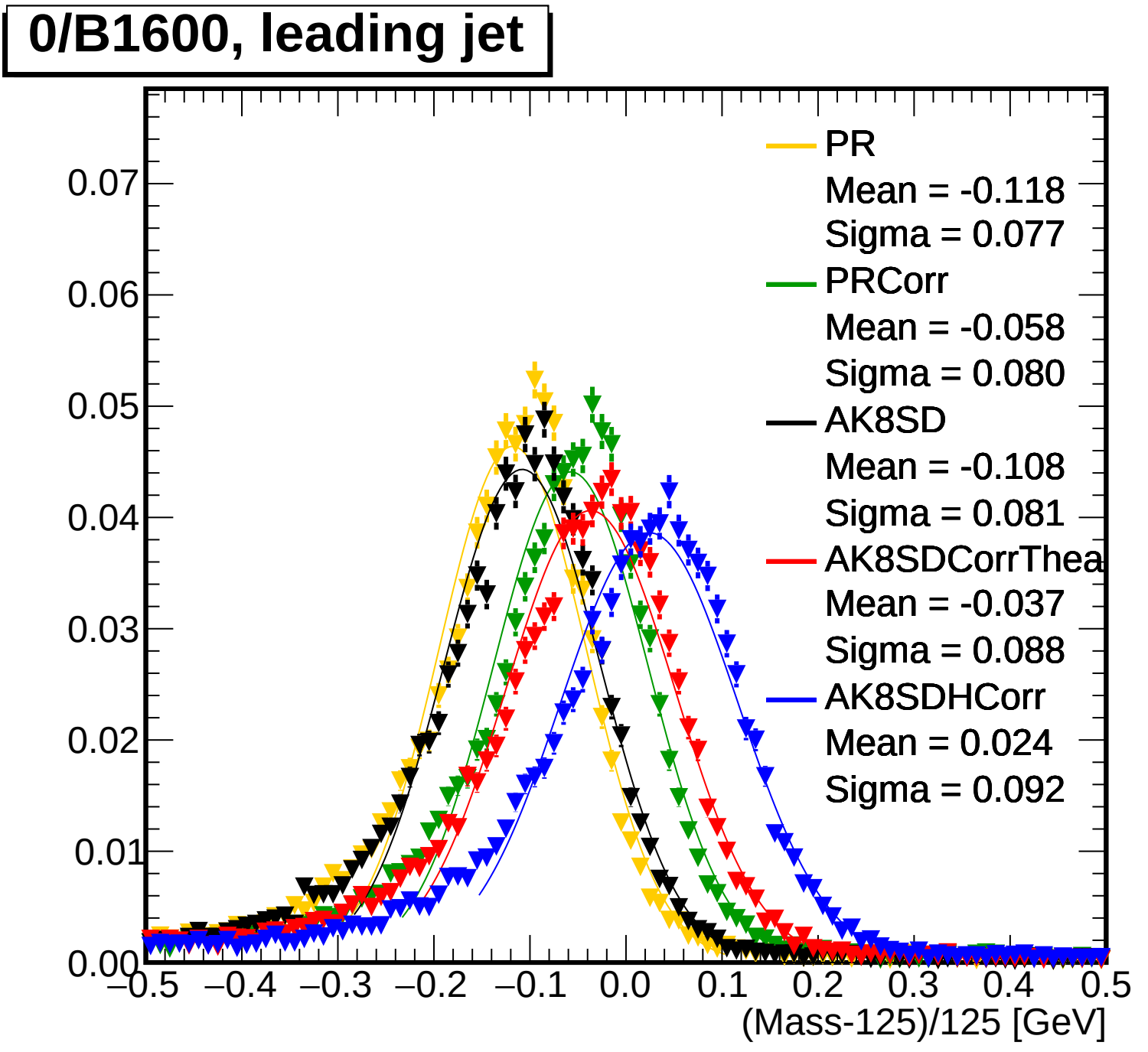
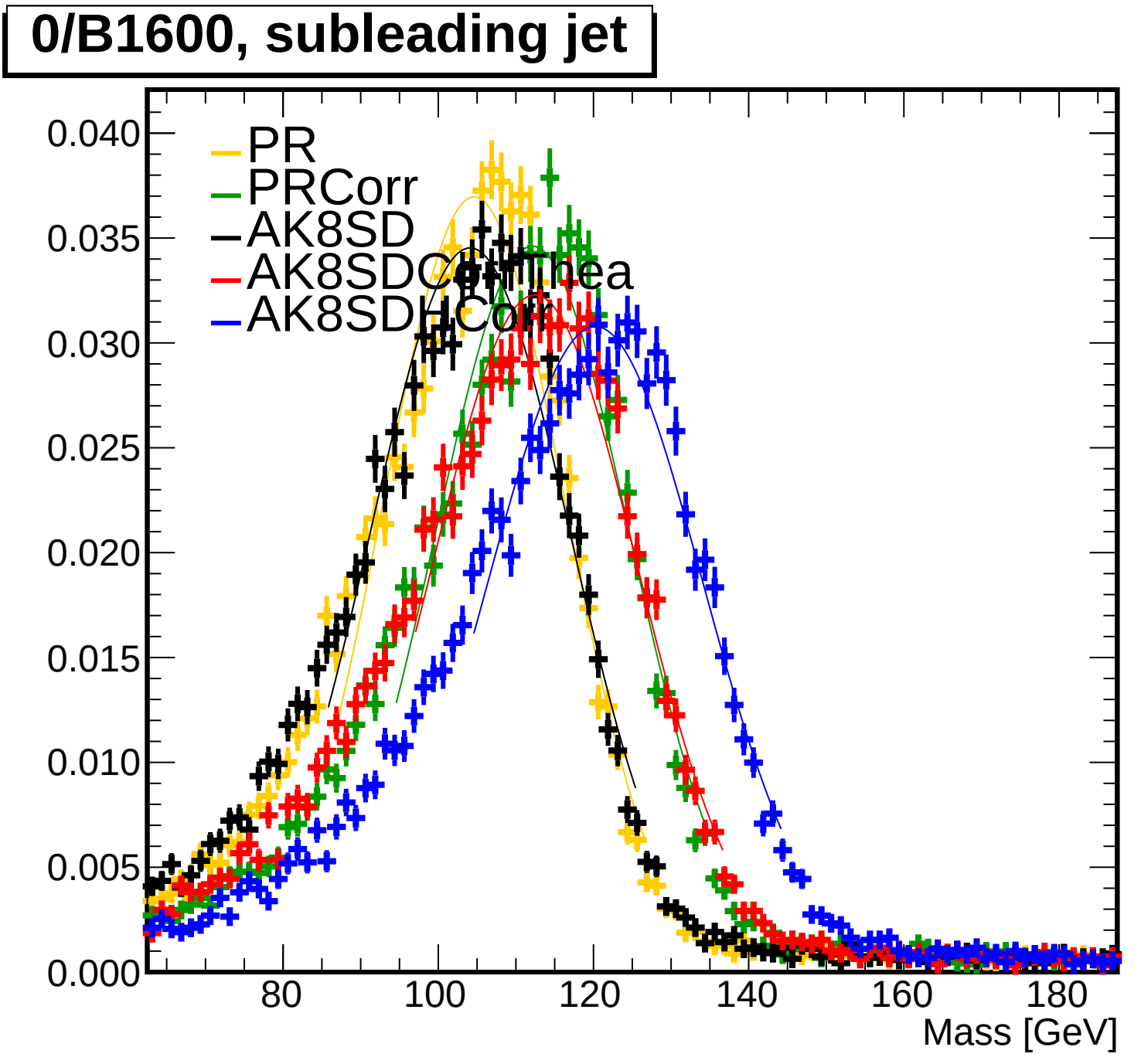
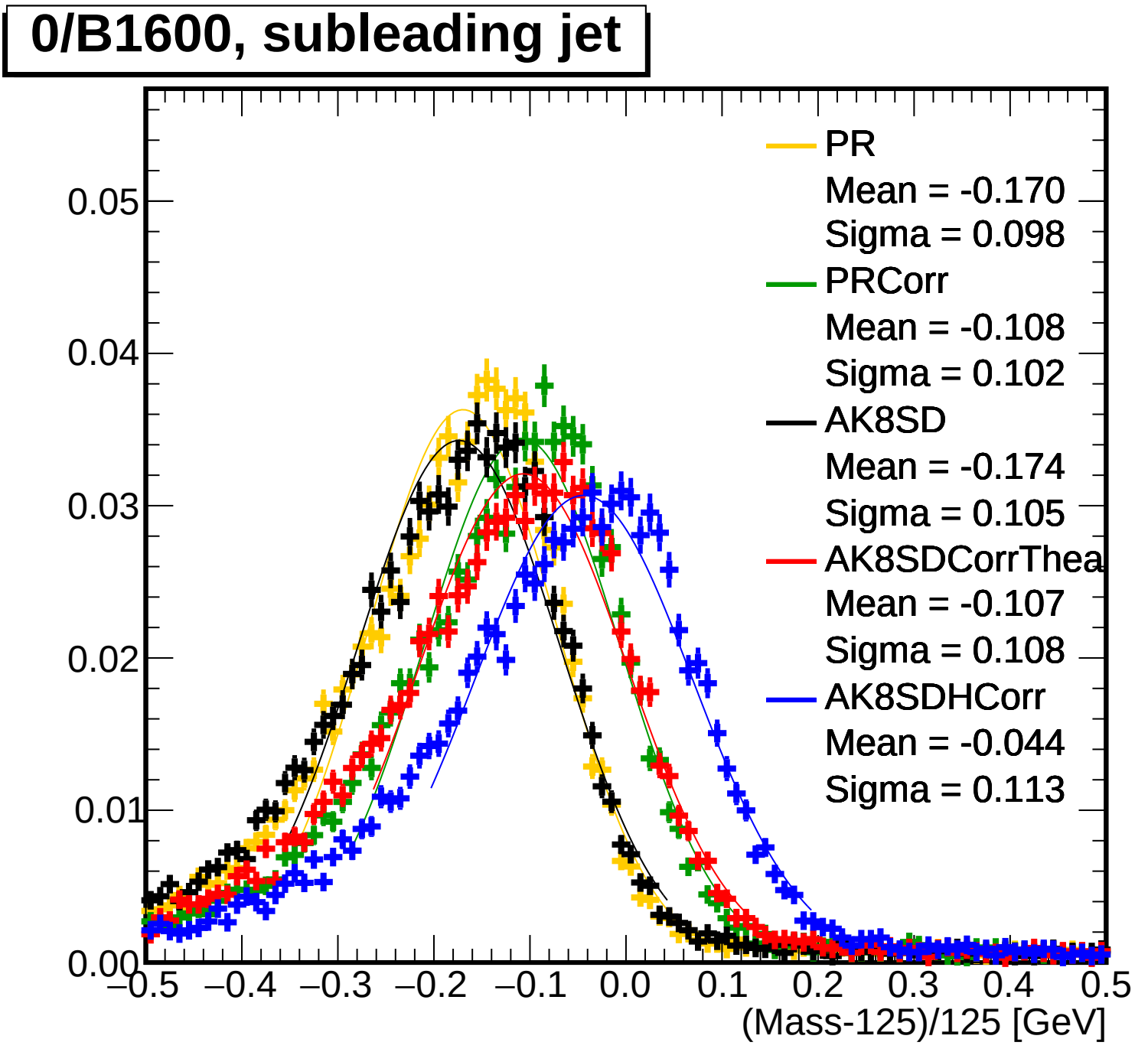
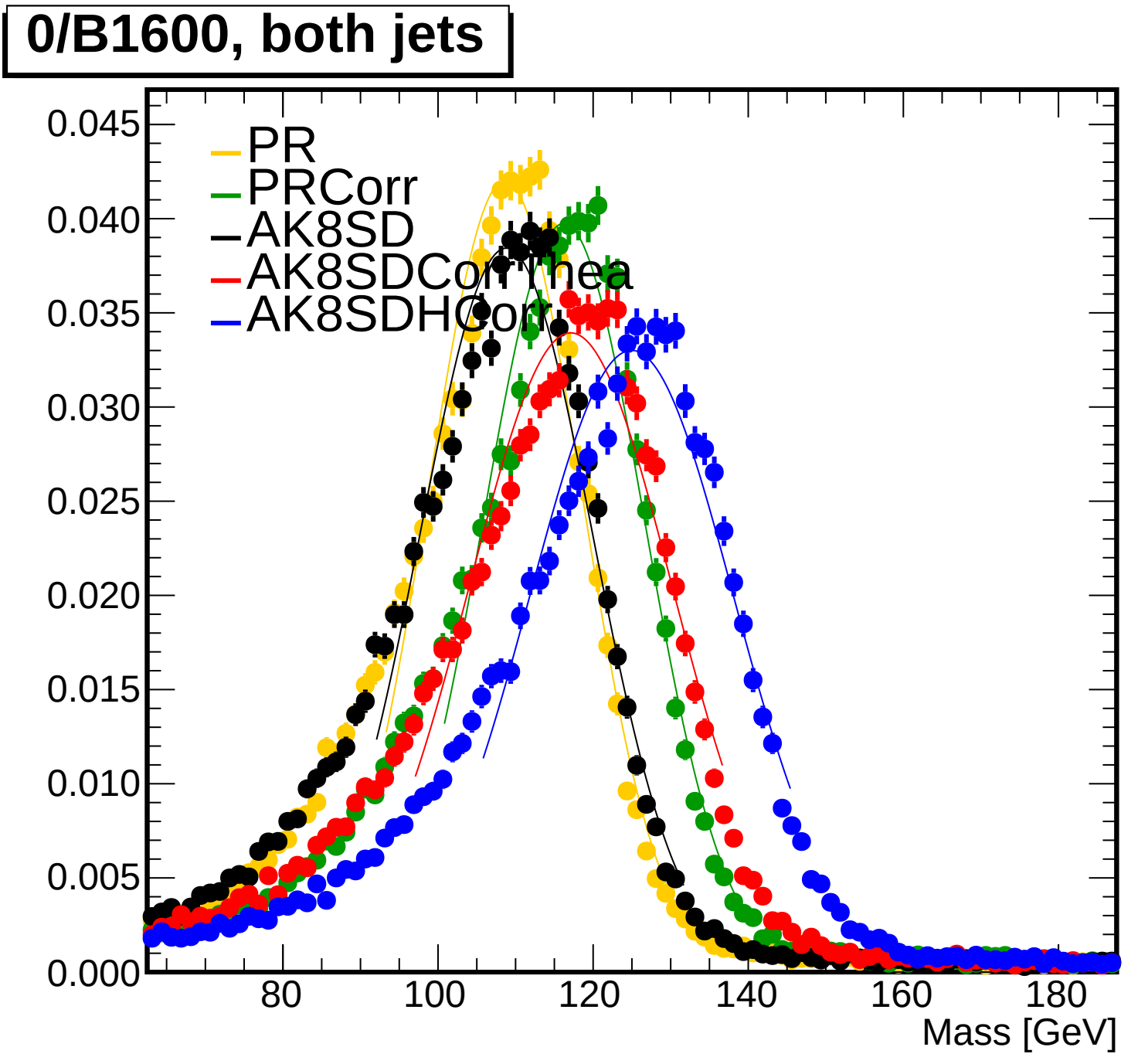
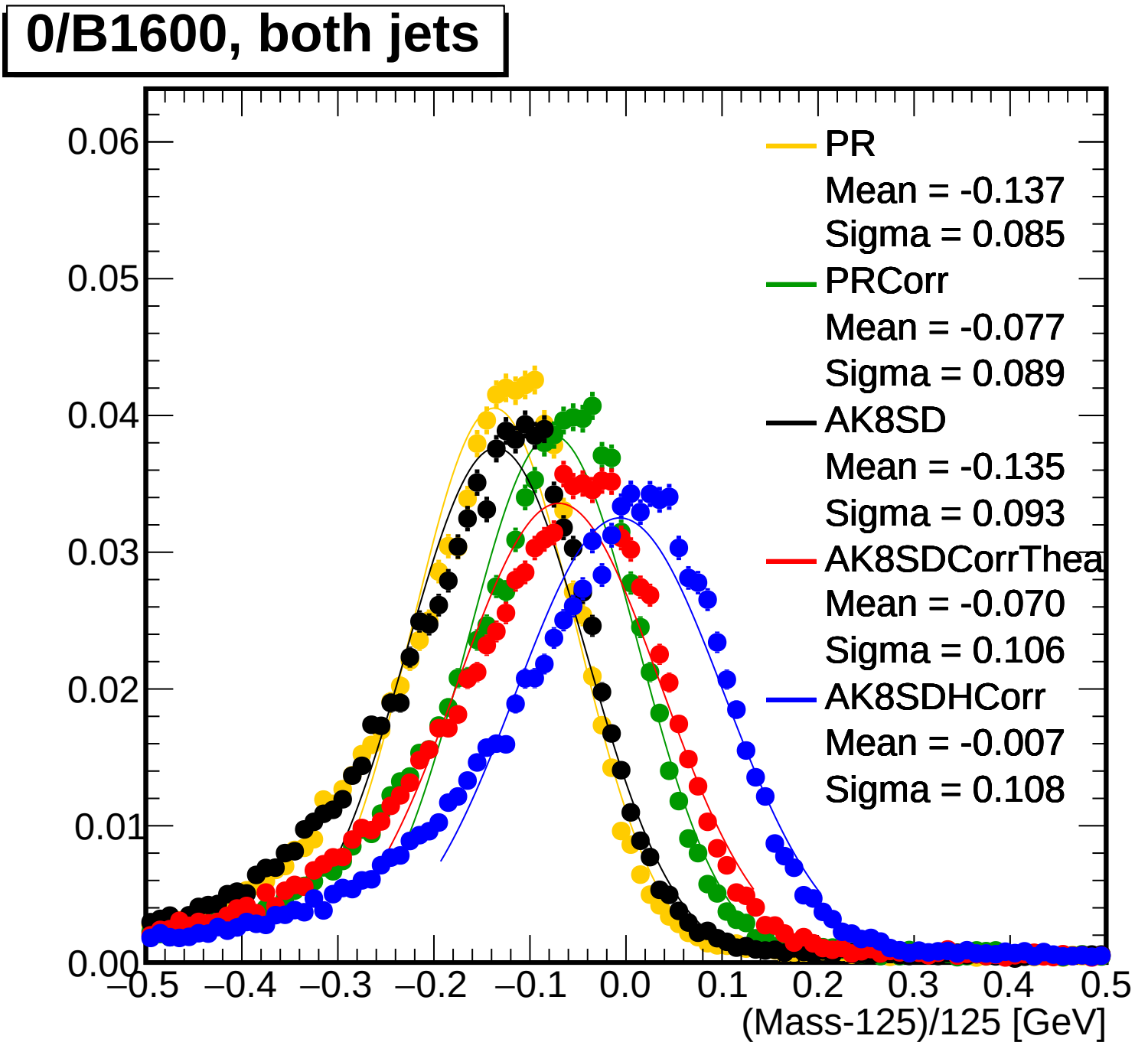

0/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

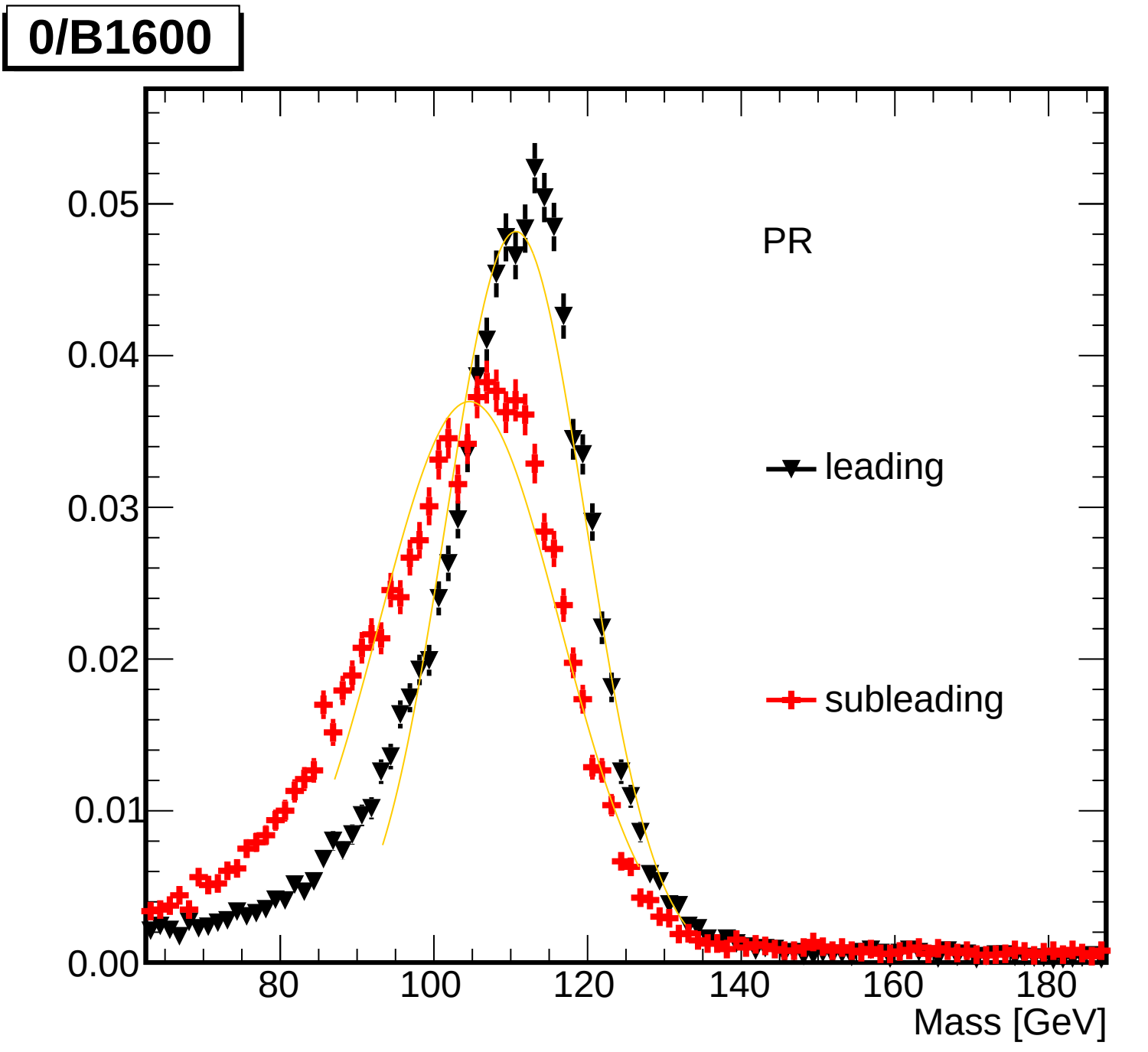

0/B1600, leading jet
PR
Mean = -0.118
Sigma = 0.077
PRCorr
Mean = -0.058
Sigma = 0.080
AK8SD
Mean = -0.108
Sigma = 0.081
AK8SDCorrThea
Mean = -0.037
Sigma = 0.088
AK8SDHCorr
Mean = 0.024
Sigma = 0.092
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

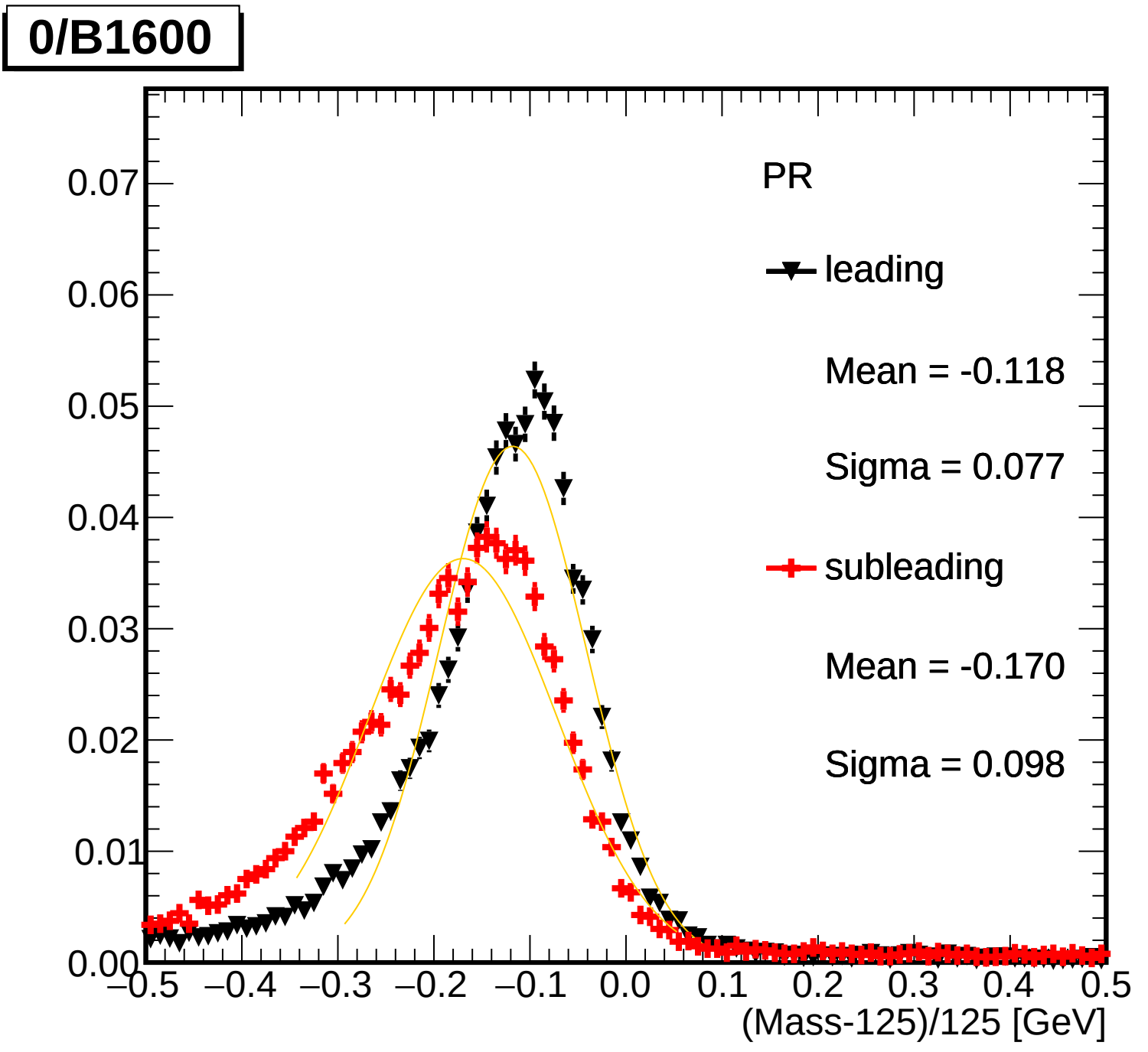

0/B1600, subleading jet
PR
PRCorr
AK8SD
AK8SDCorr
AK8SDHCorr
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

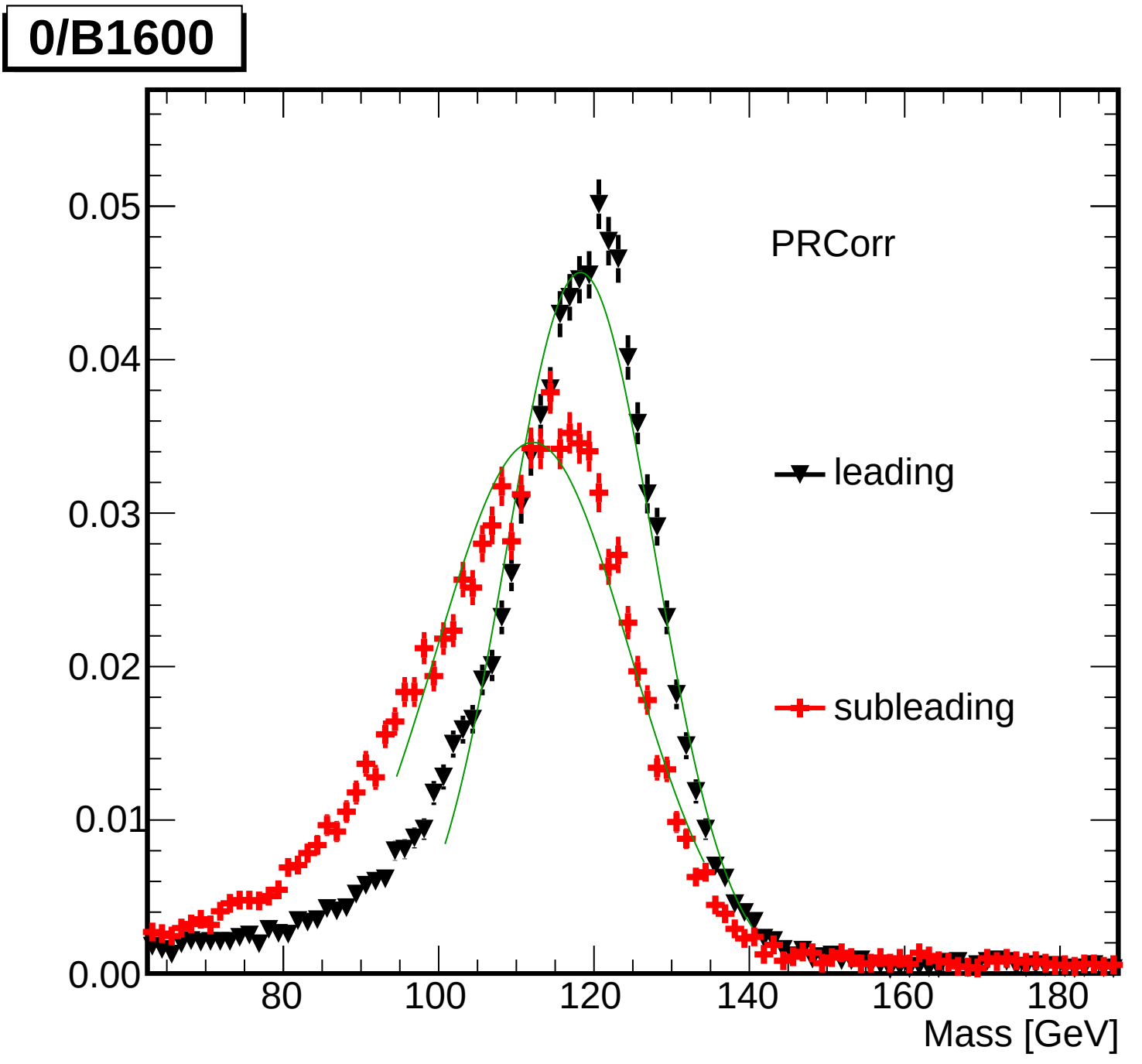

0/B1600, subleading jet
PR
Mean = -0.170
Sigma = 0.098
PRCorr
Mean = -0.108
Sigma = 0.102
AK8SD
Mean = -0.174
Sigma = 0.105
AK8SDCorrThea
Mean = -0.107
Sigma = 0.108
AK8SDHCorr
Mean = -0.044
Sigma = 0.113
0.05
0.04
0.03
0.02
0.01
0.00
−0.5 −0.4 −0.3 −0.2 −0.1 0.0 0.1 0.2 0.3 0.4 0.5
(Mass-125)/125 [GeV]

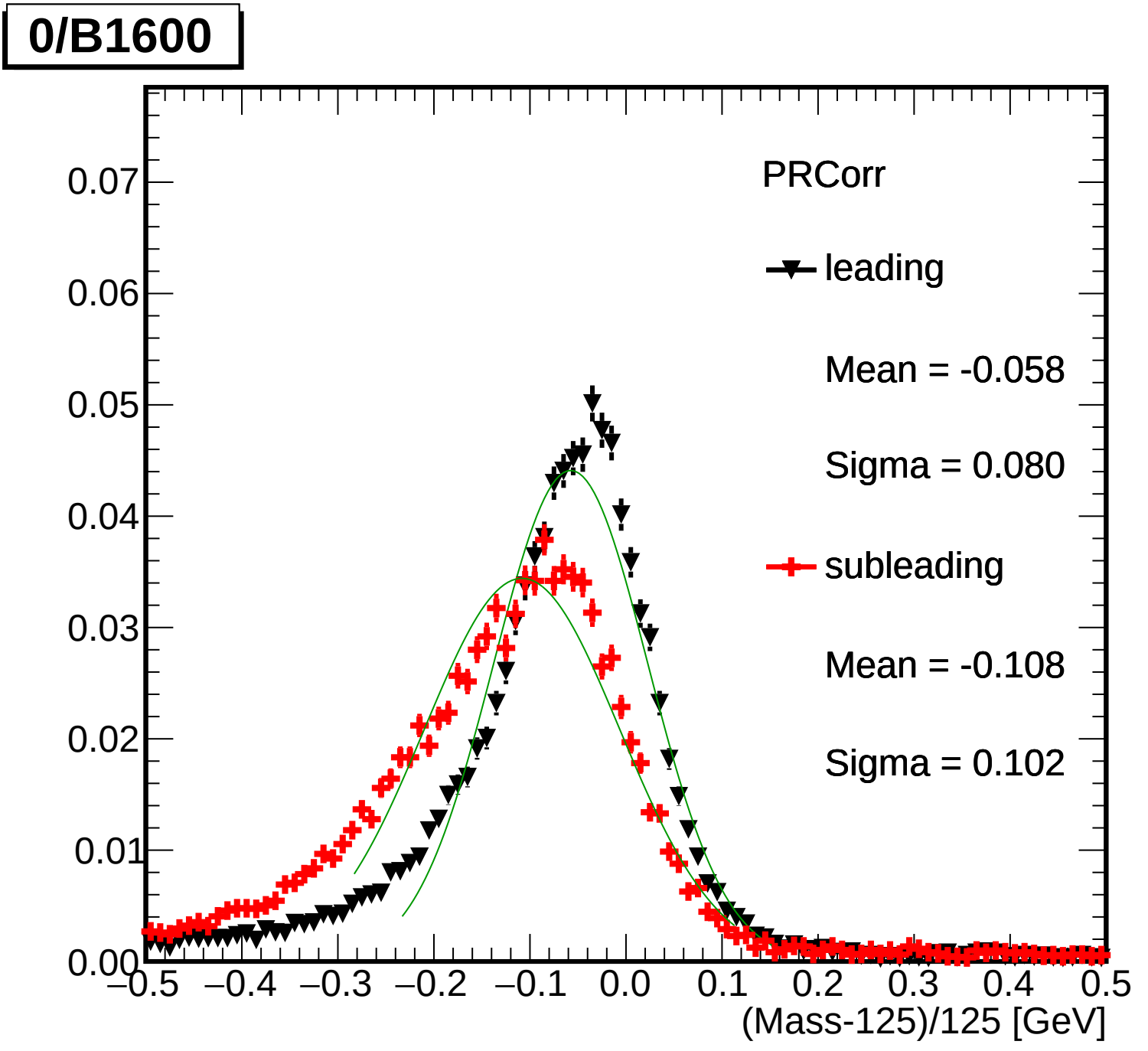

0/B1600, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

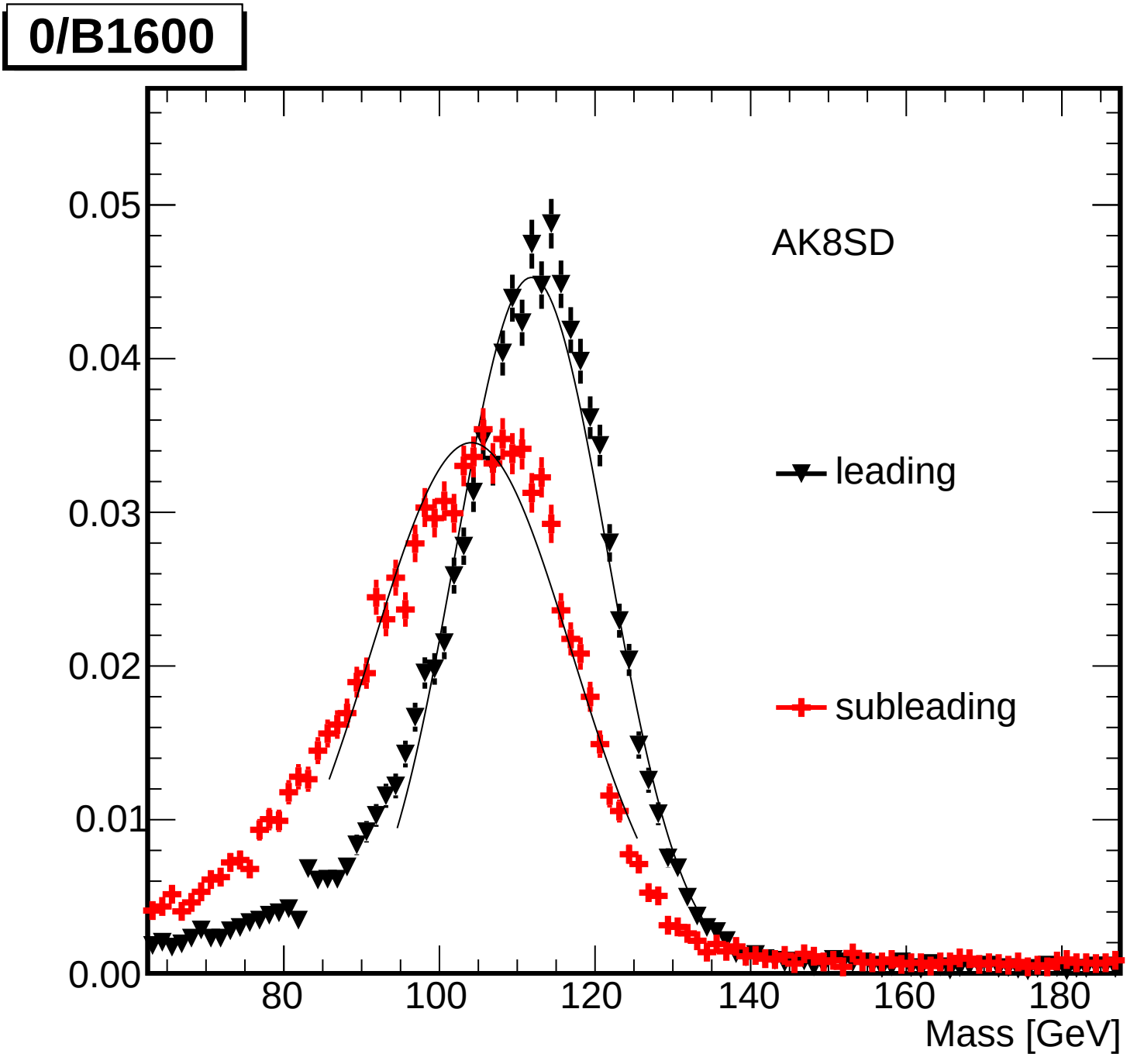

0/B1600, both jets
PR
Mean = -0.137
Sigma = 0.085
PRCorr
Mean = -0.077
Sigma = 0.089
AK8SD
Mean = -0.135
Sigma = 0.093
AK8SDCorrThea
Mean = -0.070
Sigma = 0.106
AK8SDHCorr
Mean = -0.007
Sigma = 0.108
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.5 −0.4 −0.3 −0.2 −0.1 0.0 0.1 0.2 0.3 0.4 0.5
(Mass-125)/125 [GeV]

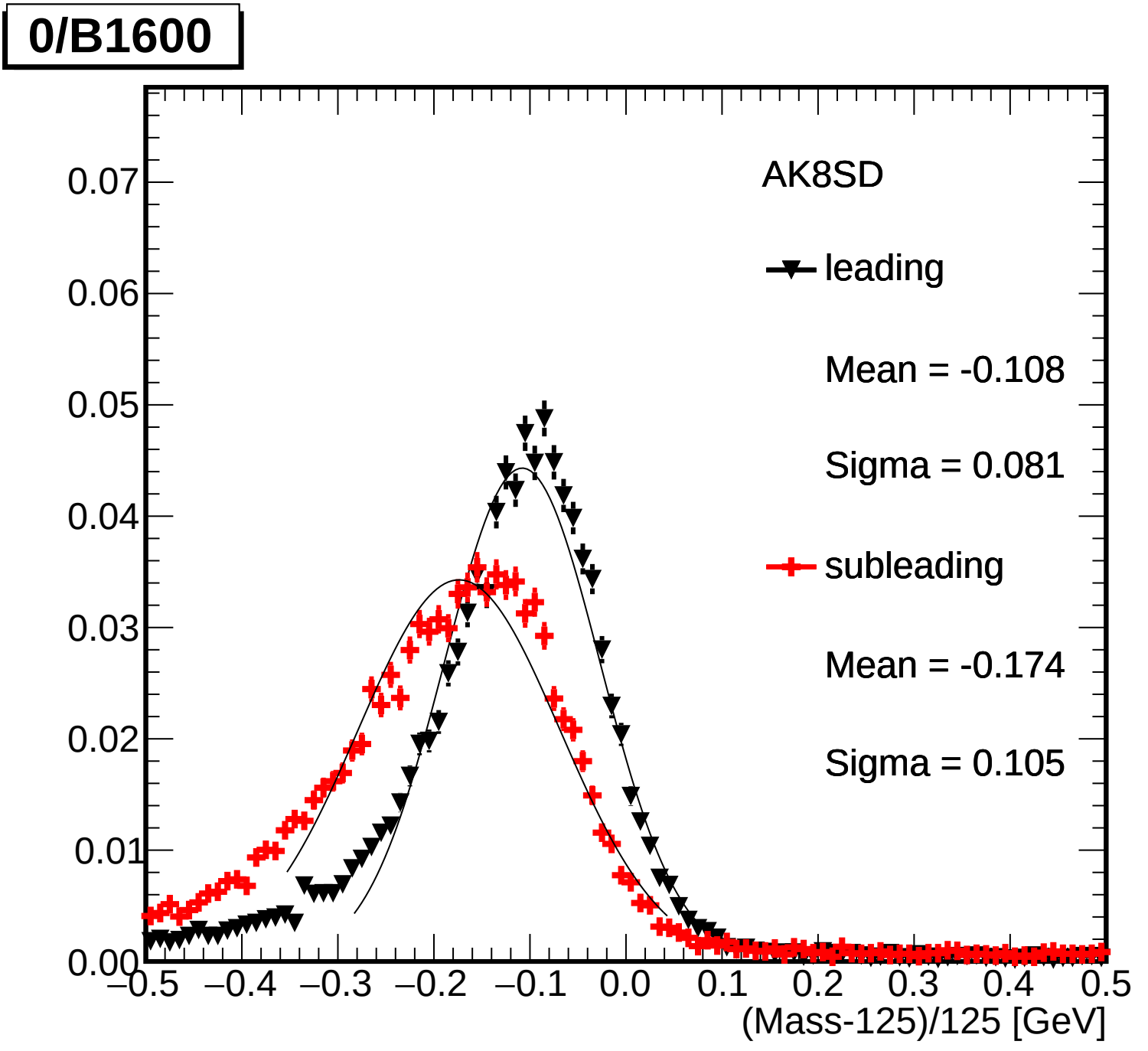

0/B1600
PR
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

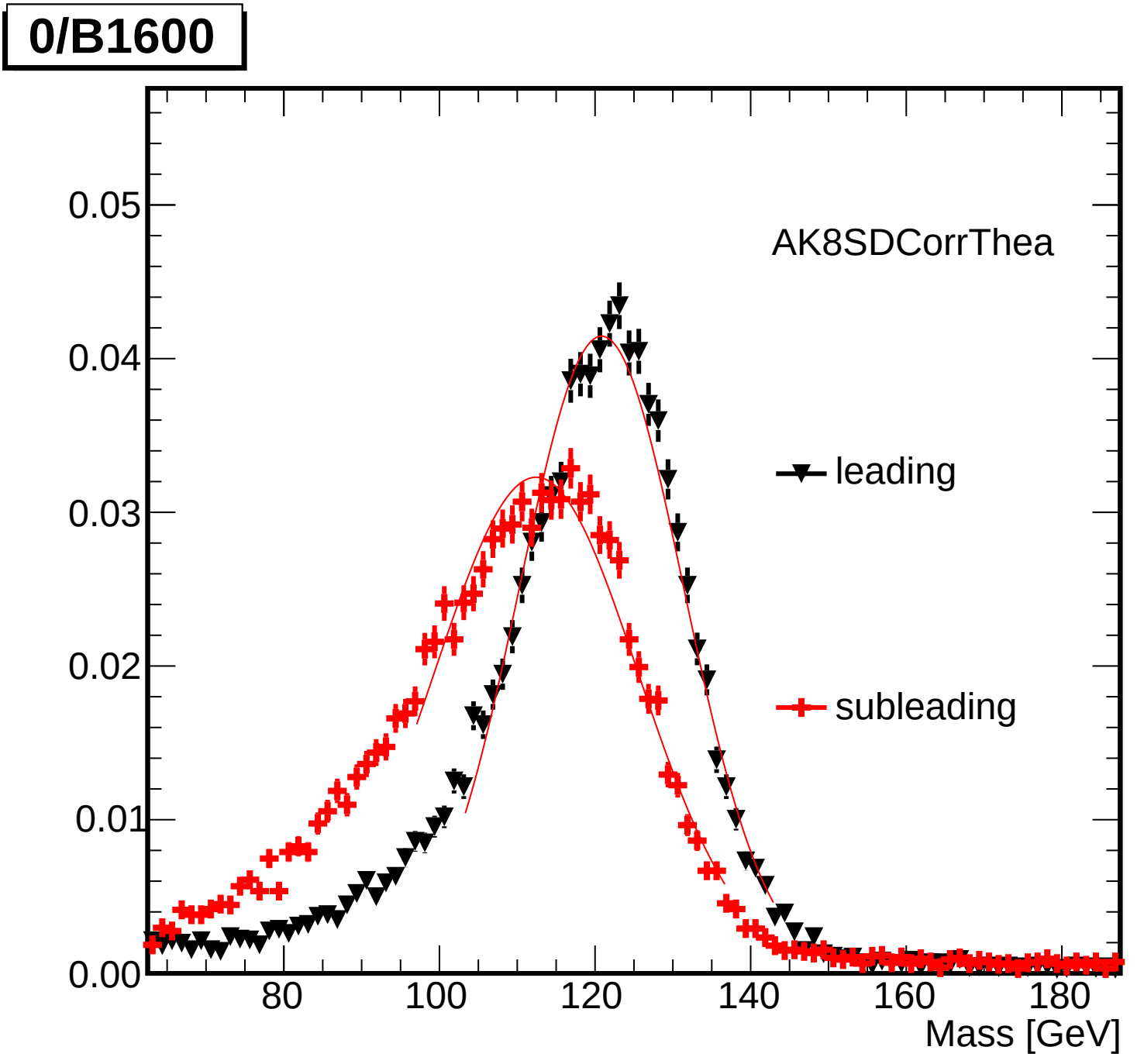

0/B1600
PR
leading
Mean = -0.118
Sigma = 0.077
subleading
Mean = -0.170
Sigma = 0.098
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

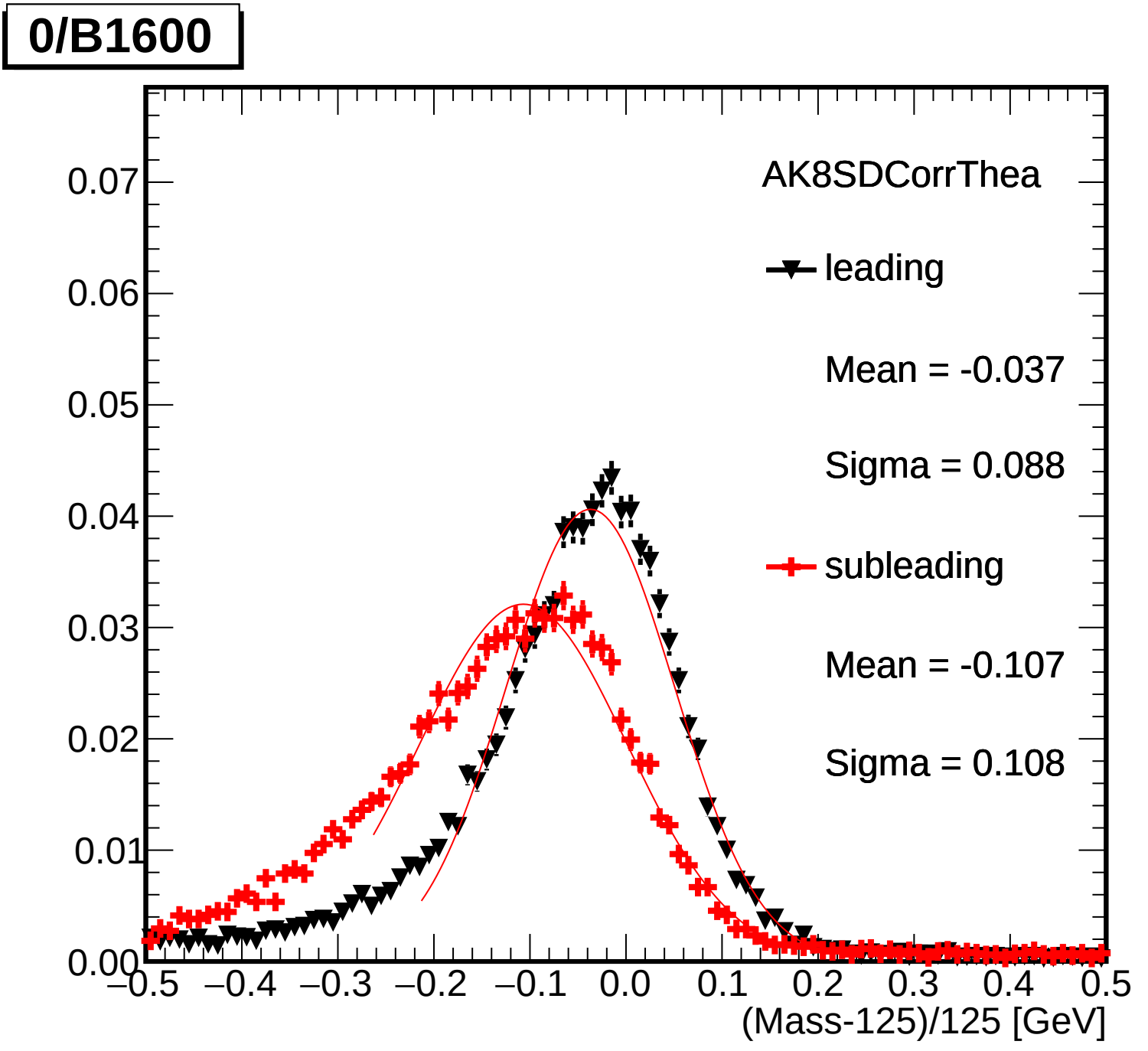

0/B1600
PRCorr
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

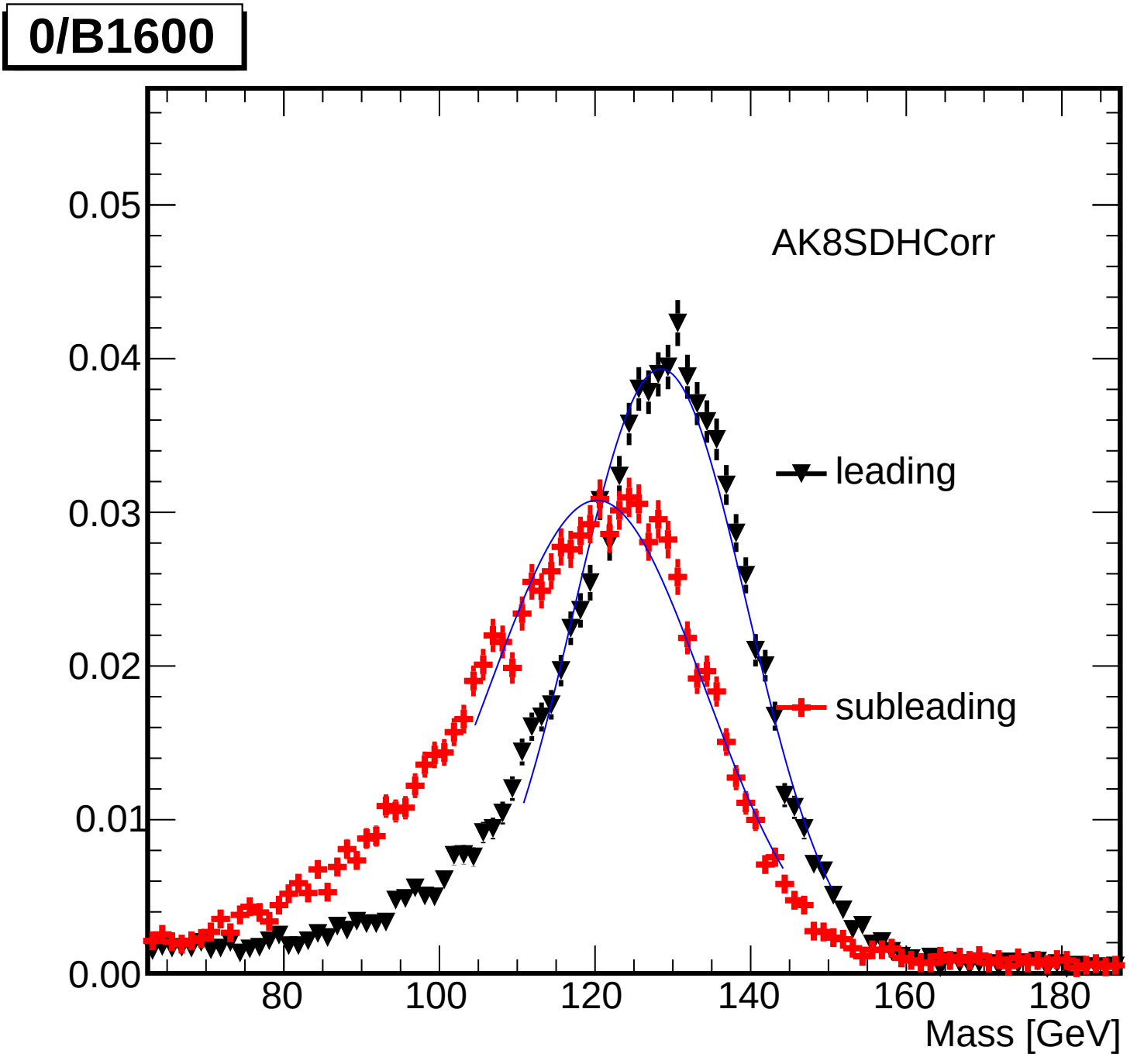

0/B1600
PRCorr
leading
Mean = -0.058
Sigma = 0.080
subleading
Mean = -0.108
Sigma = 0.102
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

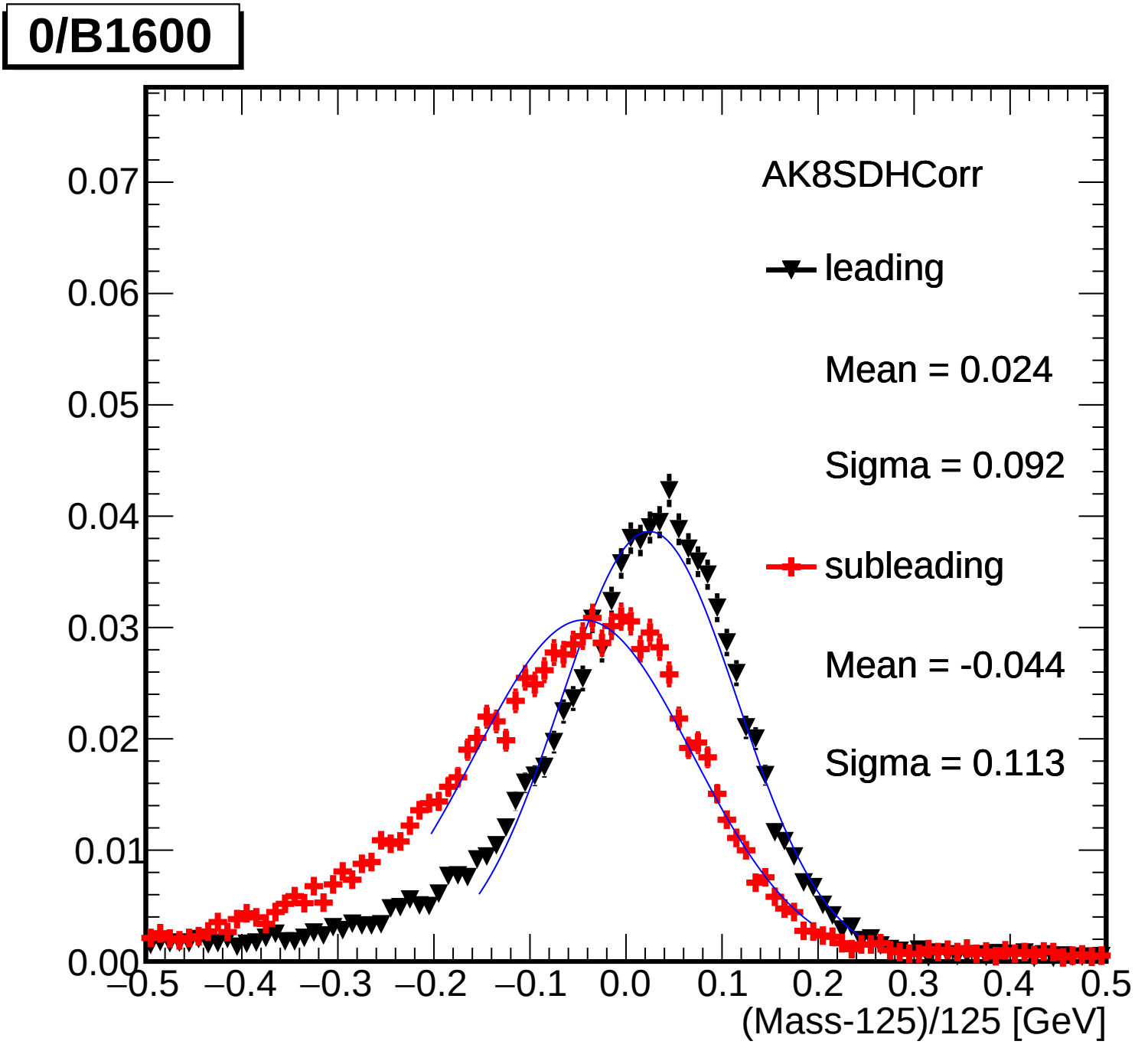

0/B1600
AK8SD
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


0/B1600
AK8SD
leading
Mean = -0.108
Sigma = 0.081
subleading
Mean = -0.174
Sigma = 0.105
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]


0/B1600
AK8SDCorrThea
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


0/B1600
AK8SDCorrThea
leading
Mean = -0.037
Sigma = 0.088
subleading
Mean = -0.107
Sigma = 0.108
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]


0/B1600
AK8SDHCorr
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


0/B1600
AK8SDHCorr
leading
Mean = 0.024
Sigma = 0.092
subleading
Mean = -0.044
Sigma = 0.113
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]