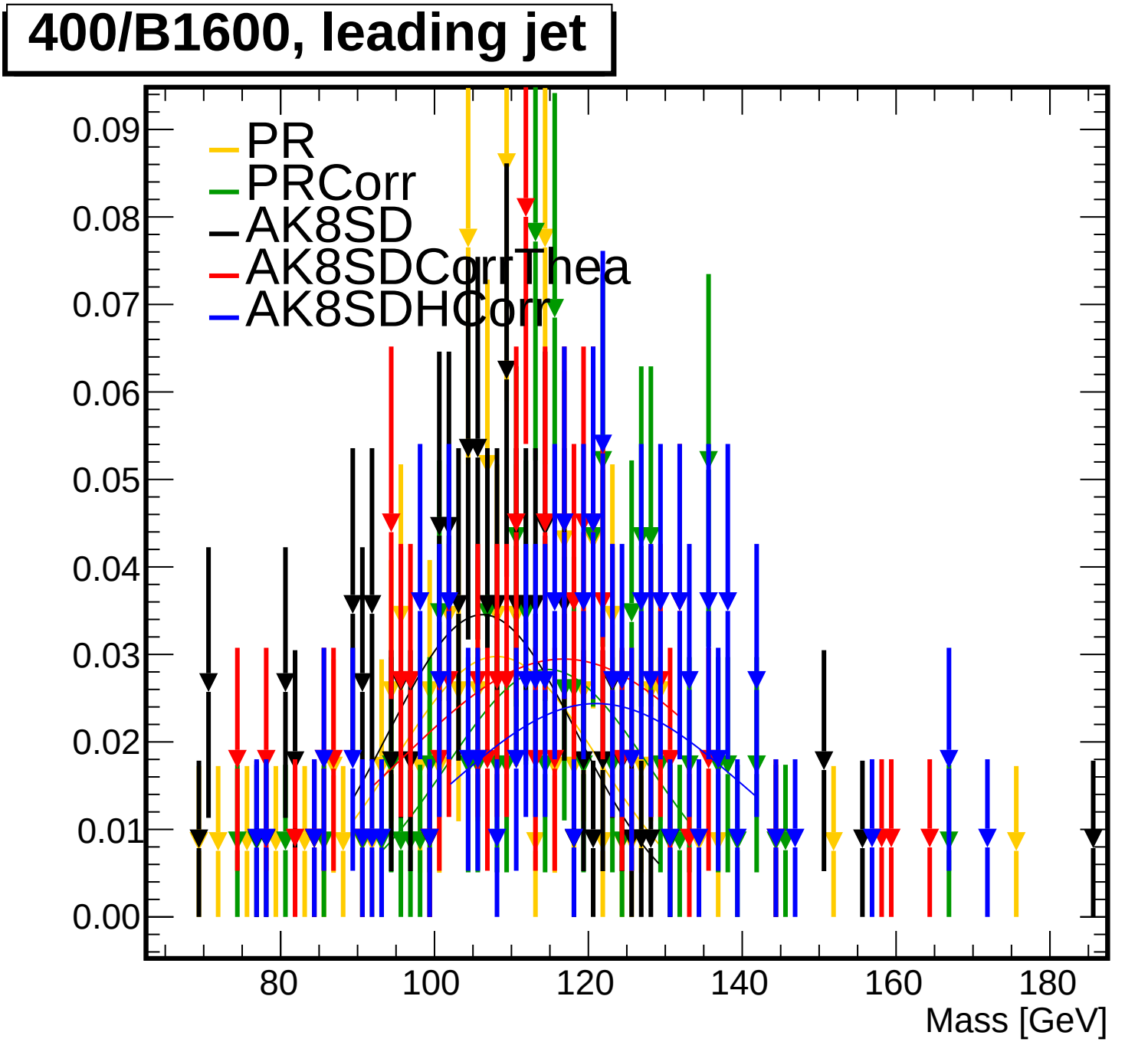
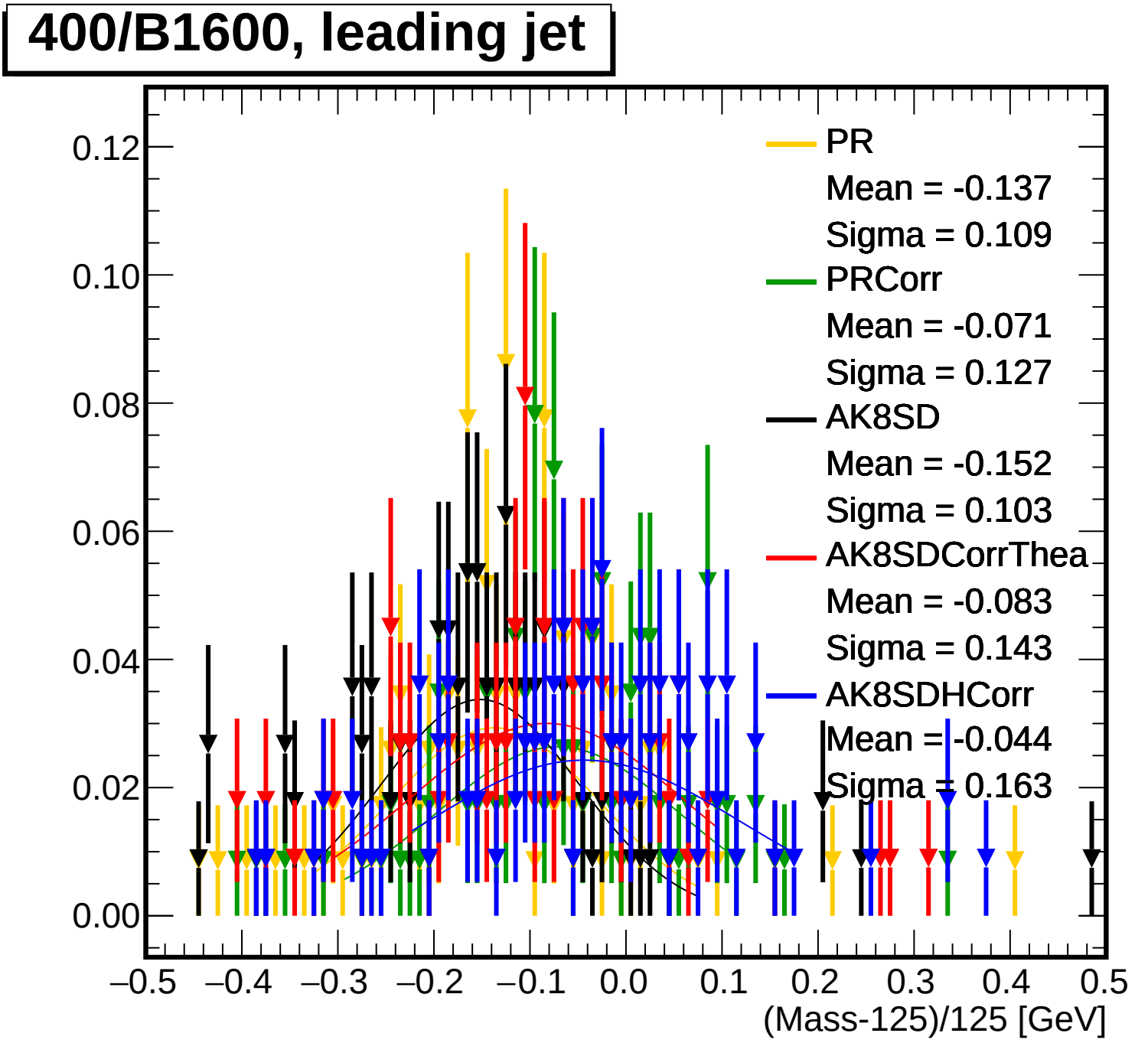
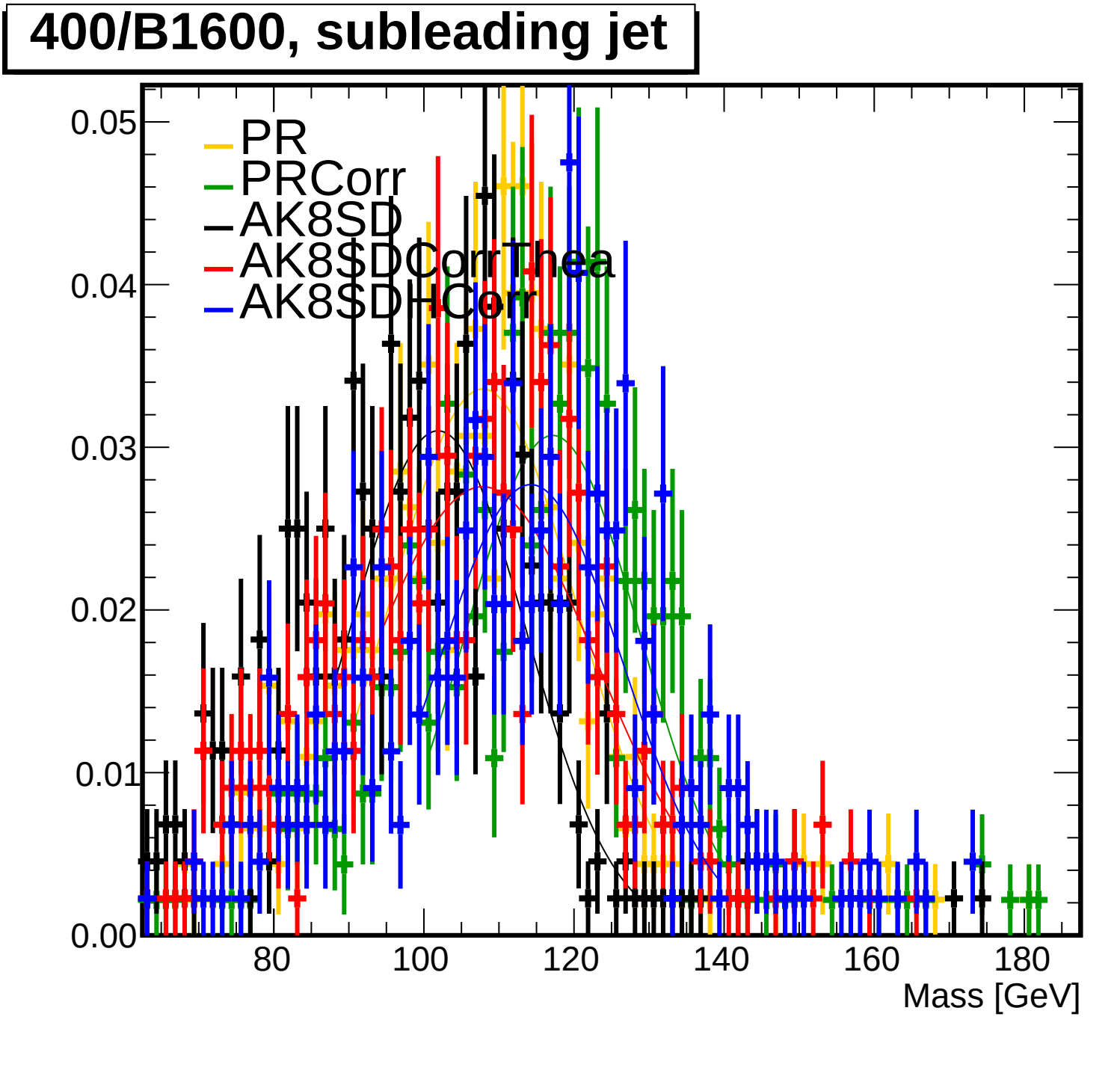
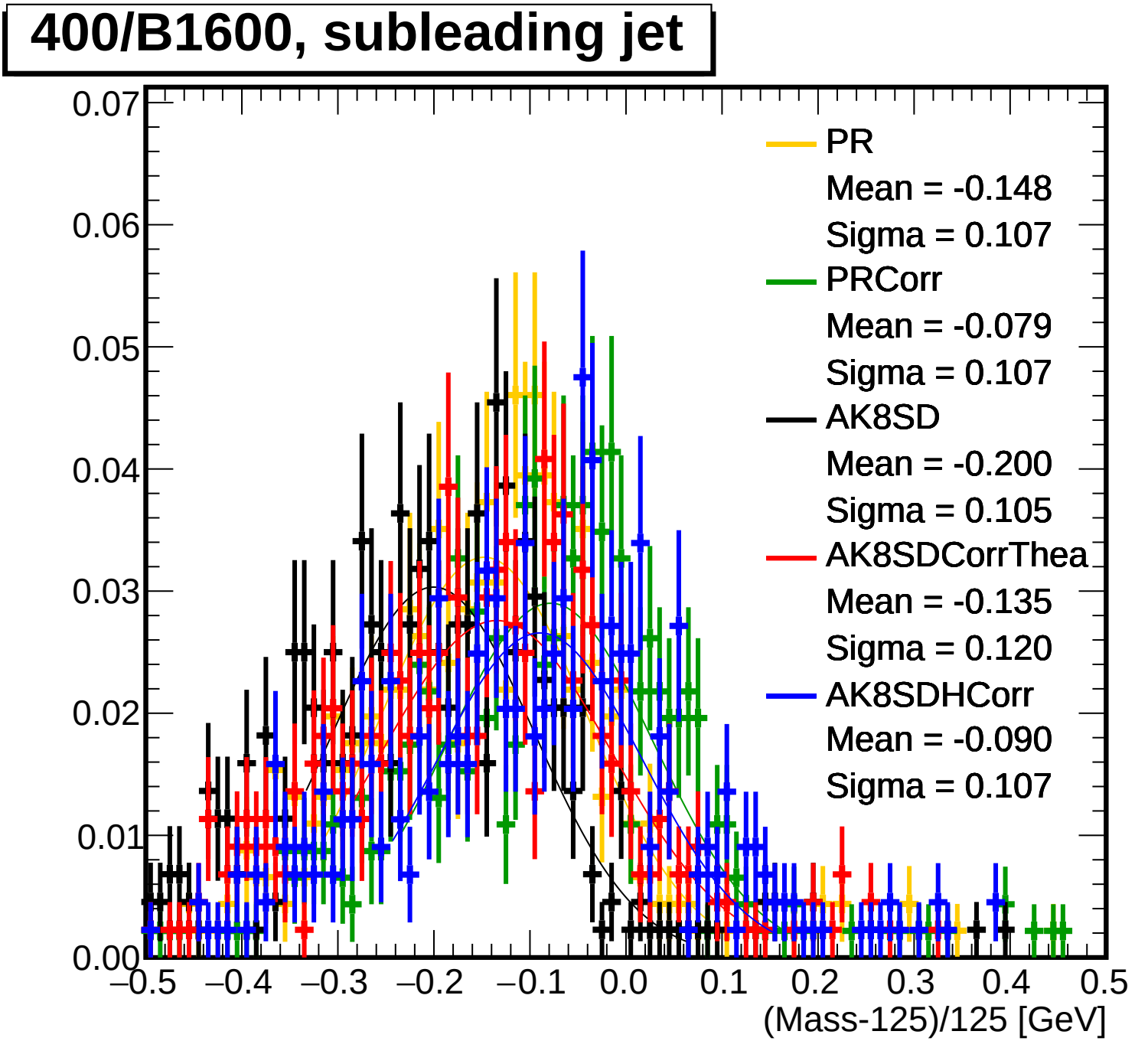
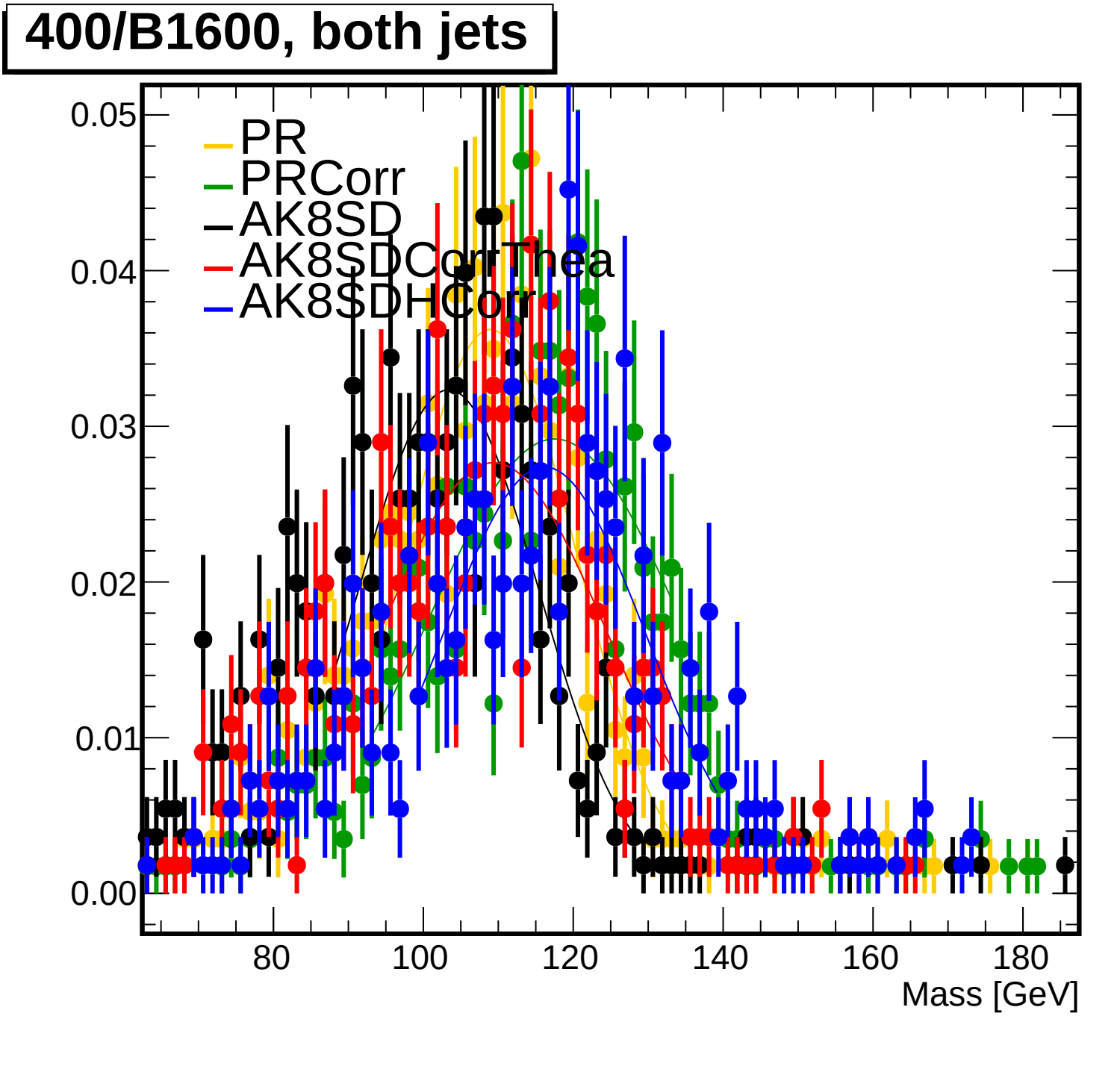
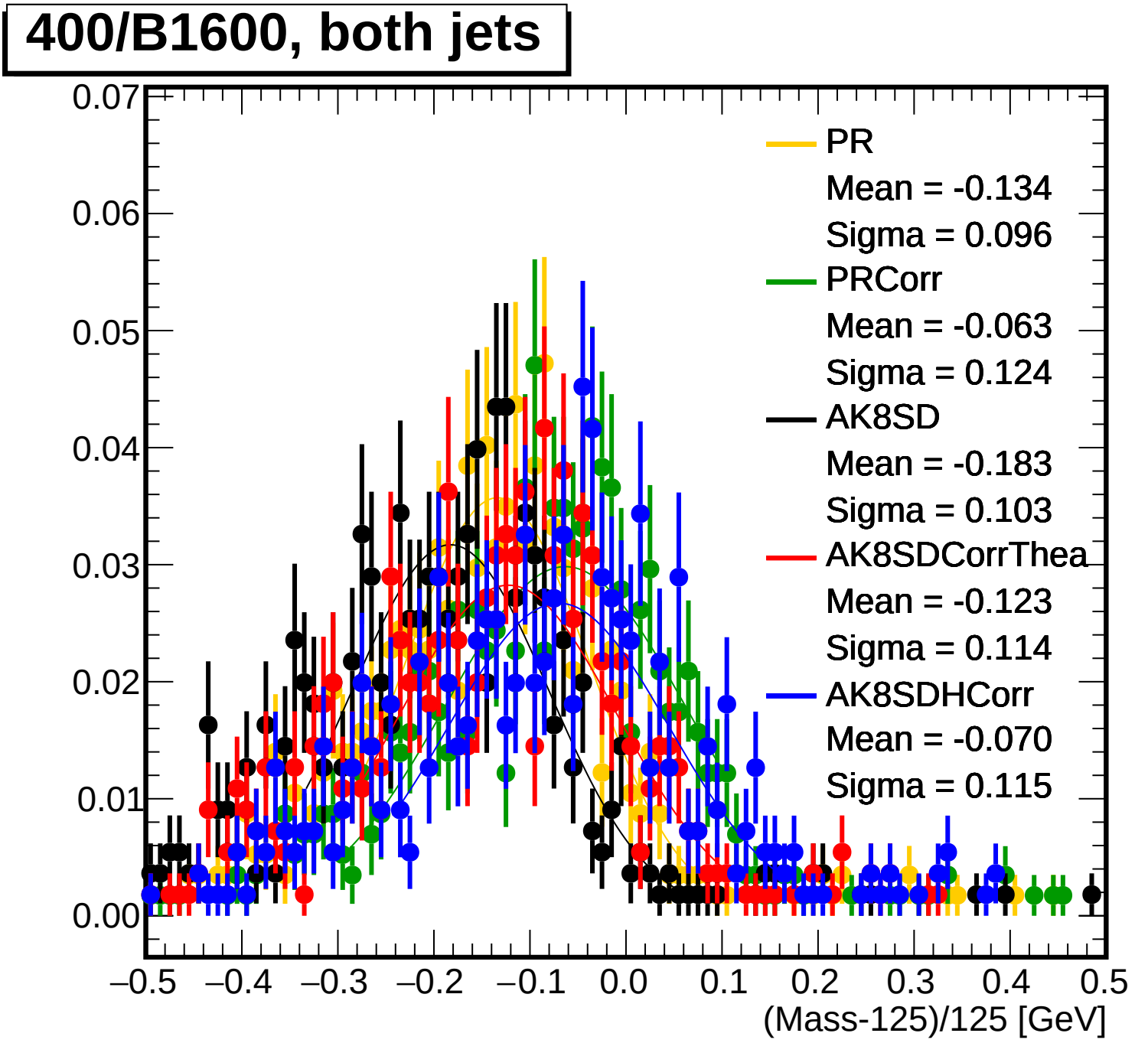

400/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

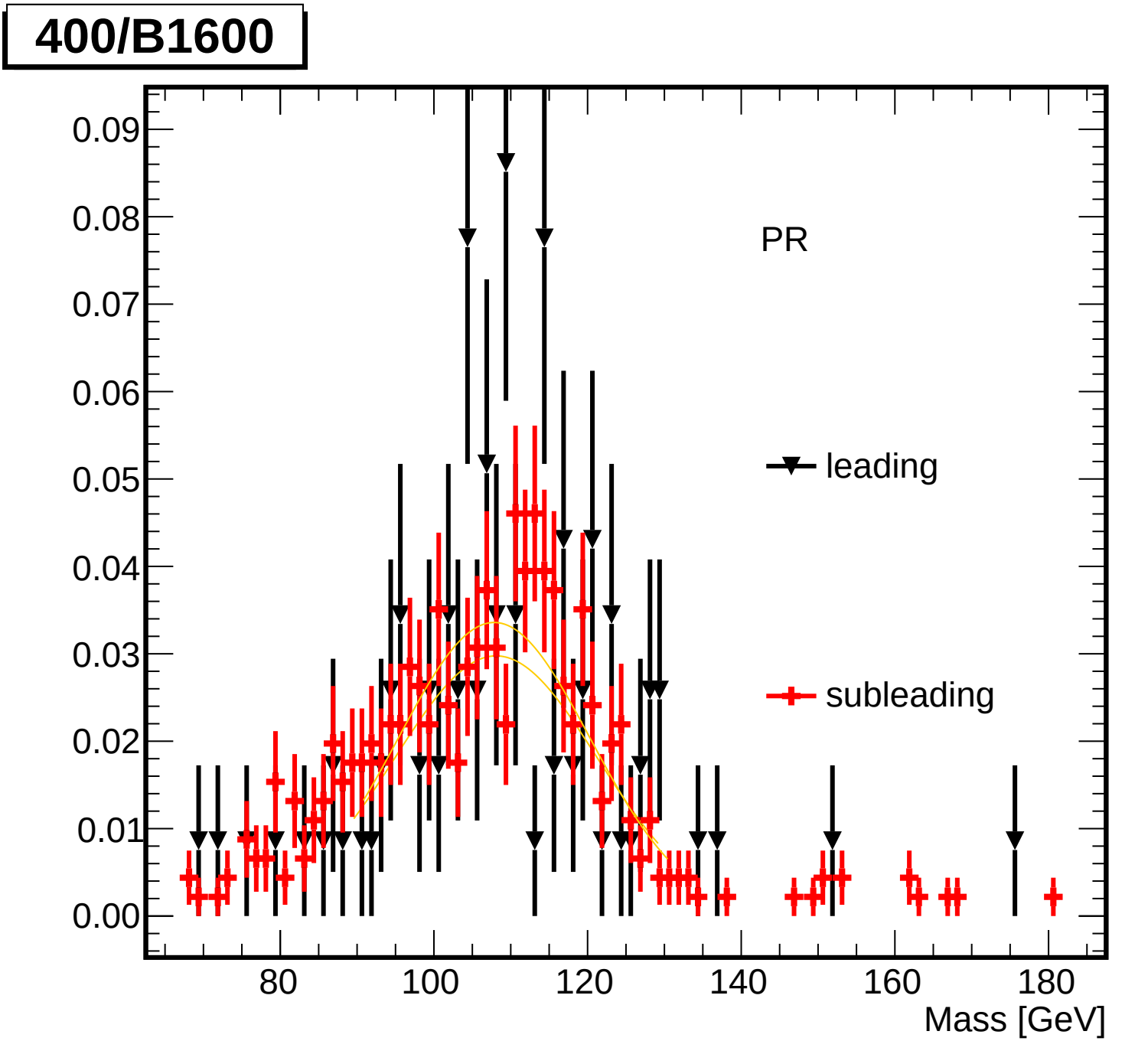

400/B1600, leading jet
PR
Mean = -0.137
Sigma = 0.109
PRCorr
Mean = -0.071
Sigma = 0.127
AK8SD
Mean = -0.152
Sigma = 0.103
AK8SDCorrThea
Mean = -0.083
Sigma = 0.143
AK8SDHCorr
Mean = -0.044
Sigma = 0.163
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

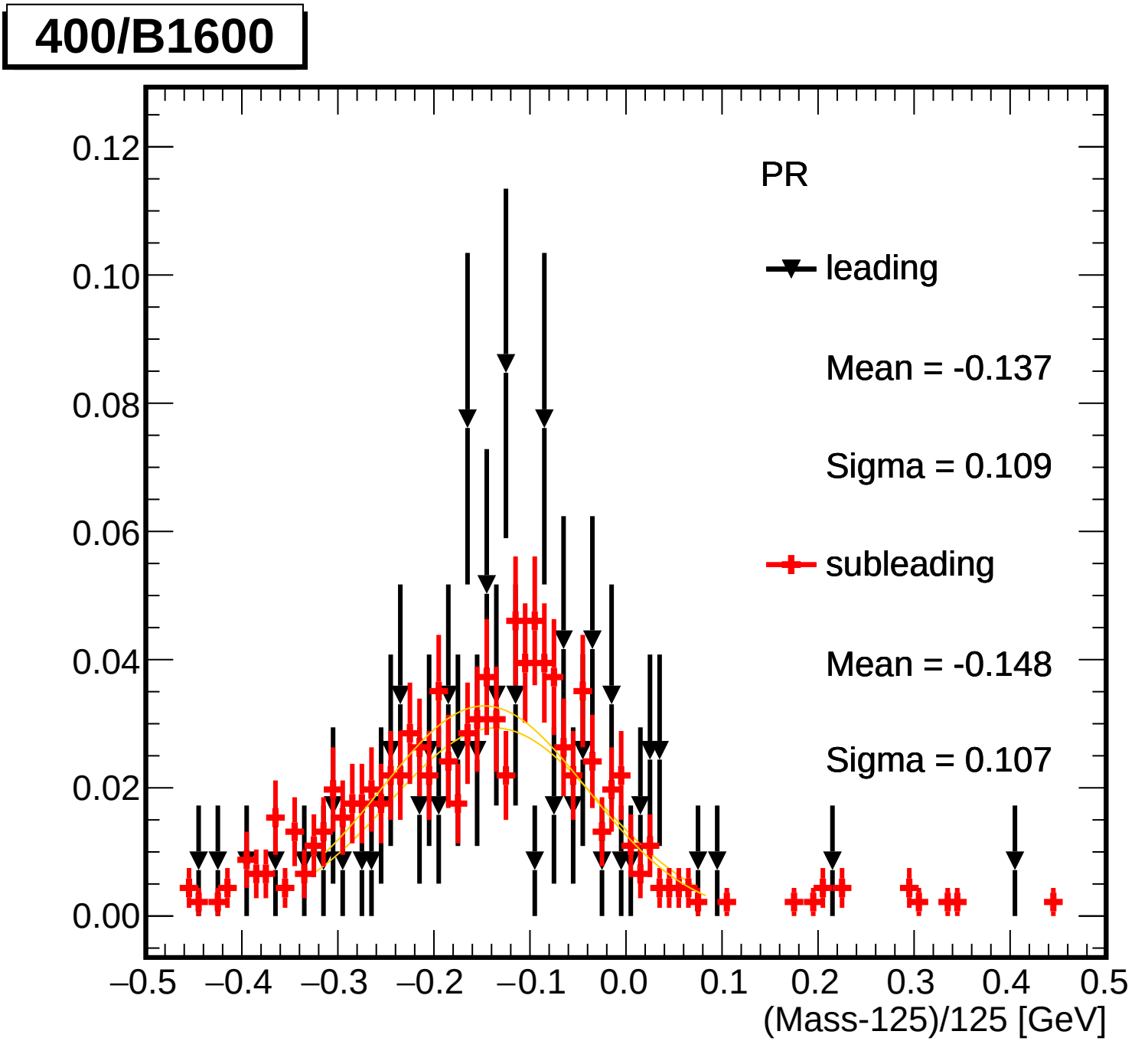

400/B1600, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

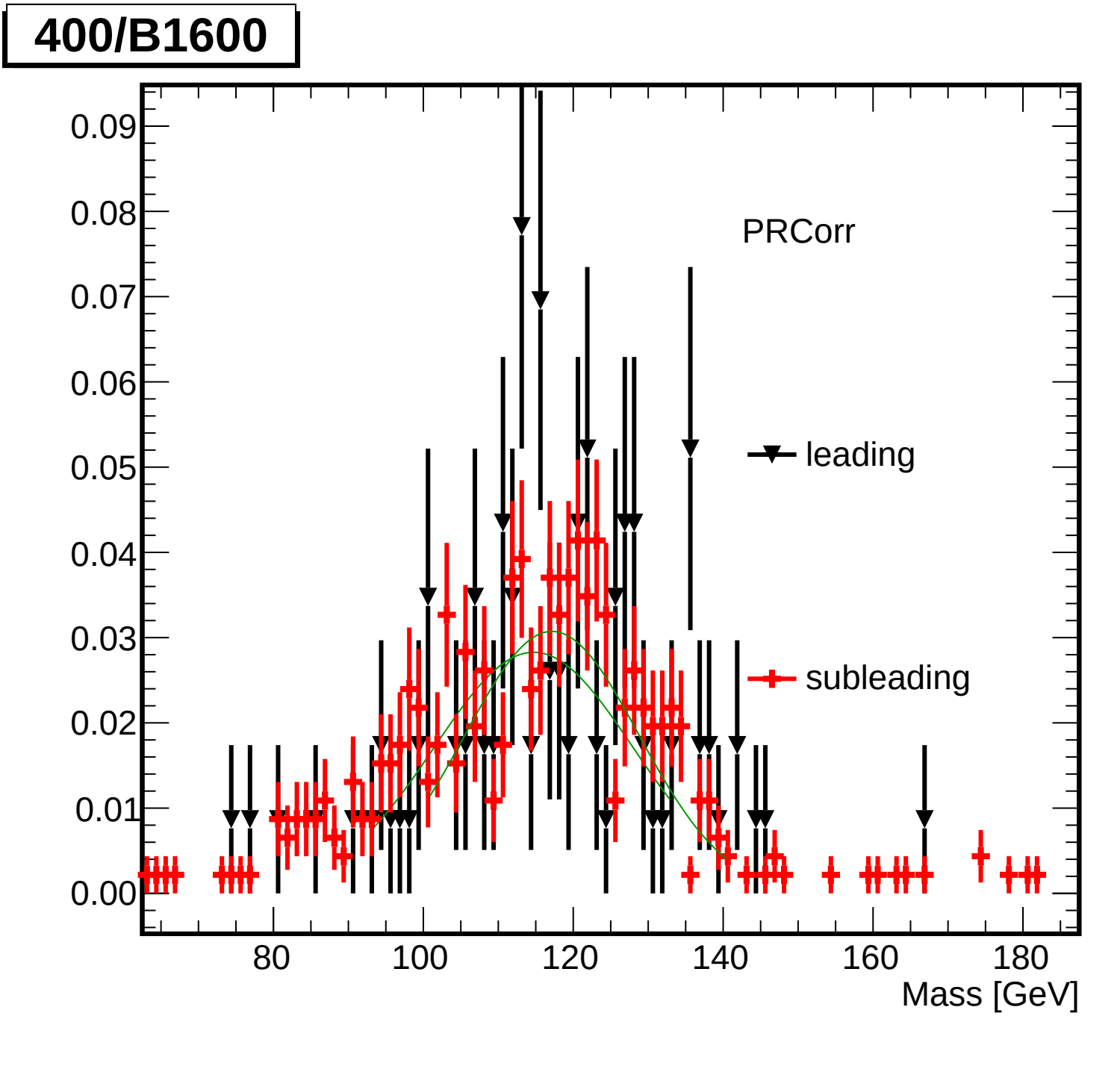

400/B1600, subleading jet
PR
Mean = -0.148
Sigma = 0.107
PRCorr
Mean = -0.079
Sigma = 0.107
AK8SD
Mean = -0.200
Sigma = 0.105
AK8SDCorrThea
Mean = -0.135
Sigma = 0.120
AK8SDHCorr
Mean = -0.090
Sigma = 0.107
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

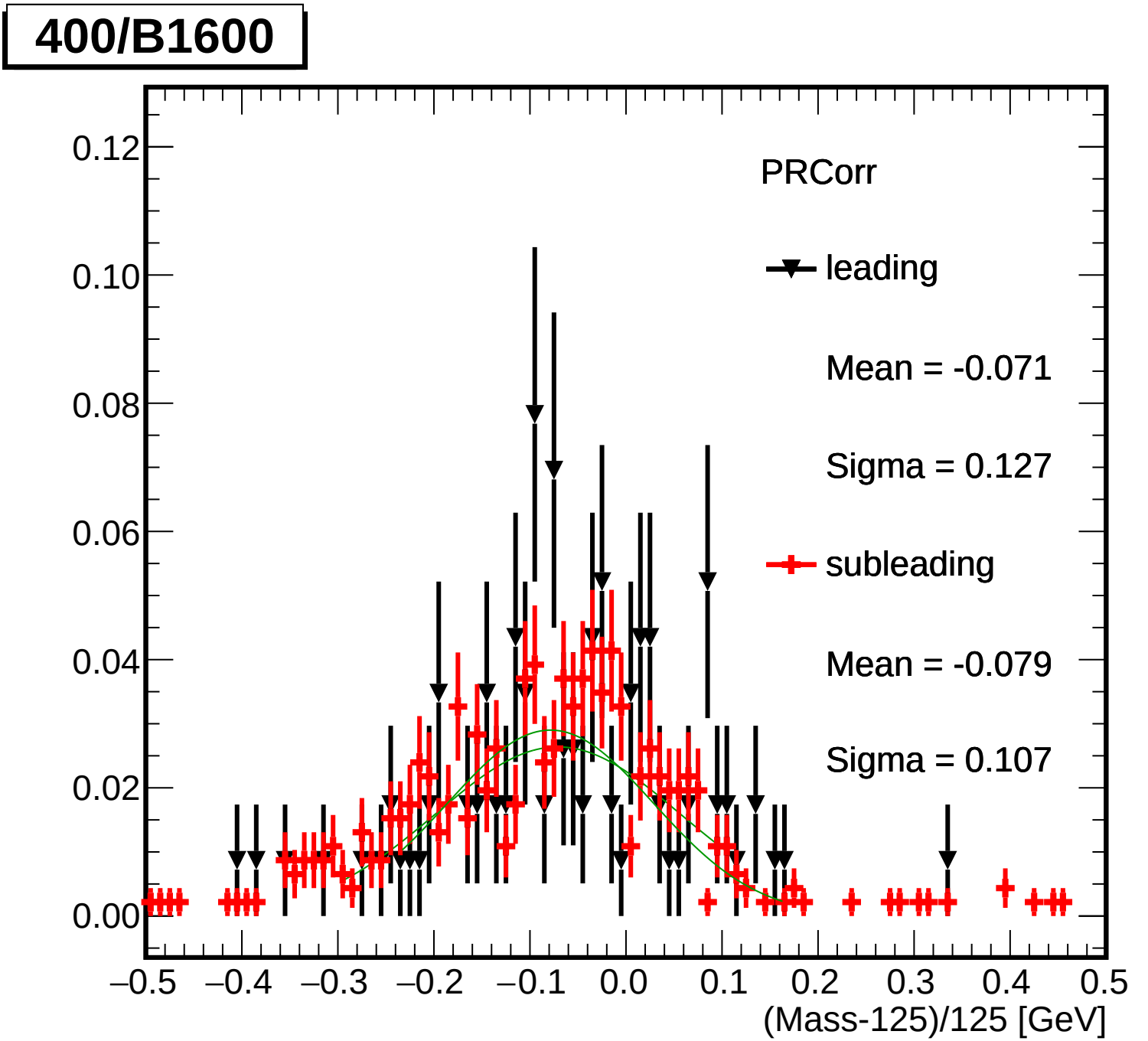

400/B1600, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

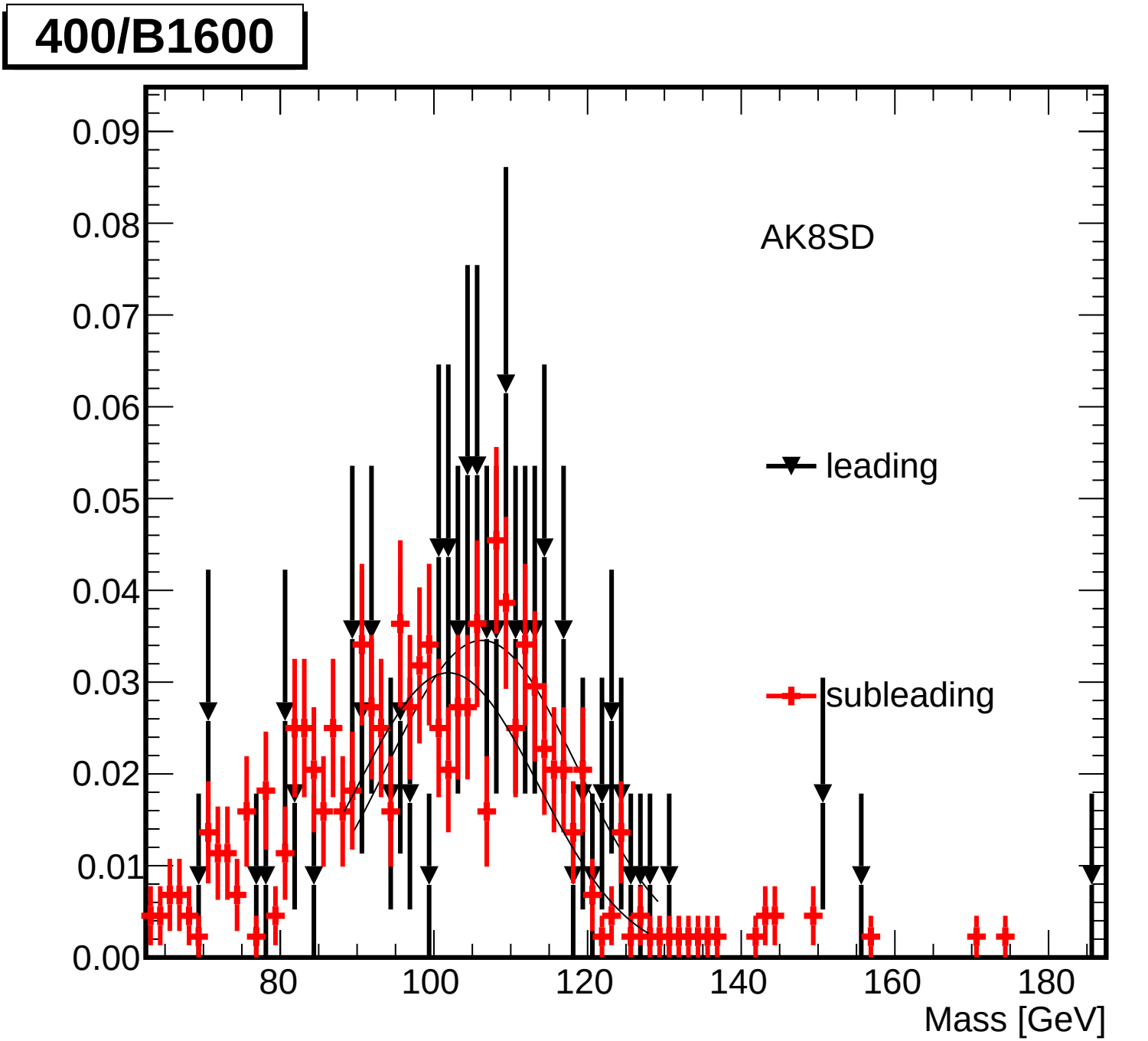

400/B1600, both jets
PR
Mean = -0.134
Sigma = 0.096
PRCorr
Mean = -0.063
Sigma = 0.124
AK8SD
Mean = -0.183
Sigma = 0.103
AK8SDCorrThea
Mean = -0.123
Sigma = 0.114
AK8SDHCorr
Mean = -0.070
Sigma = 0.115
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

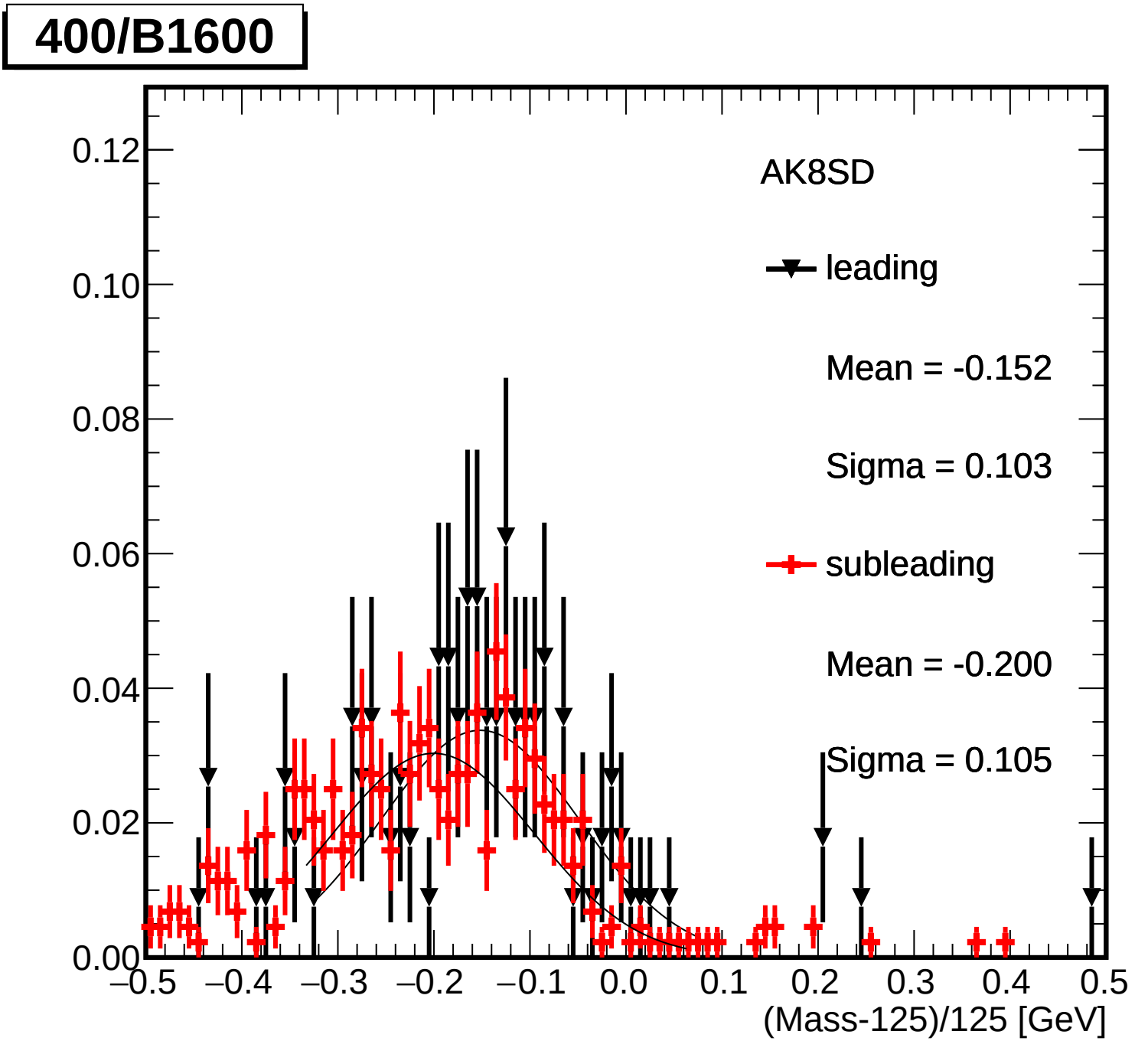

400/B1600
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

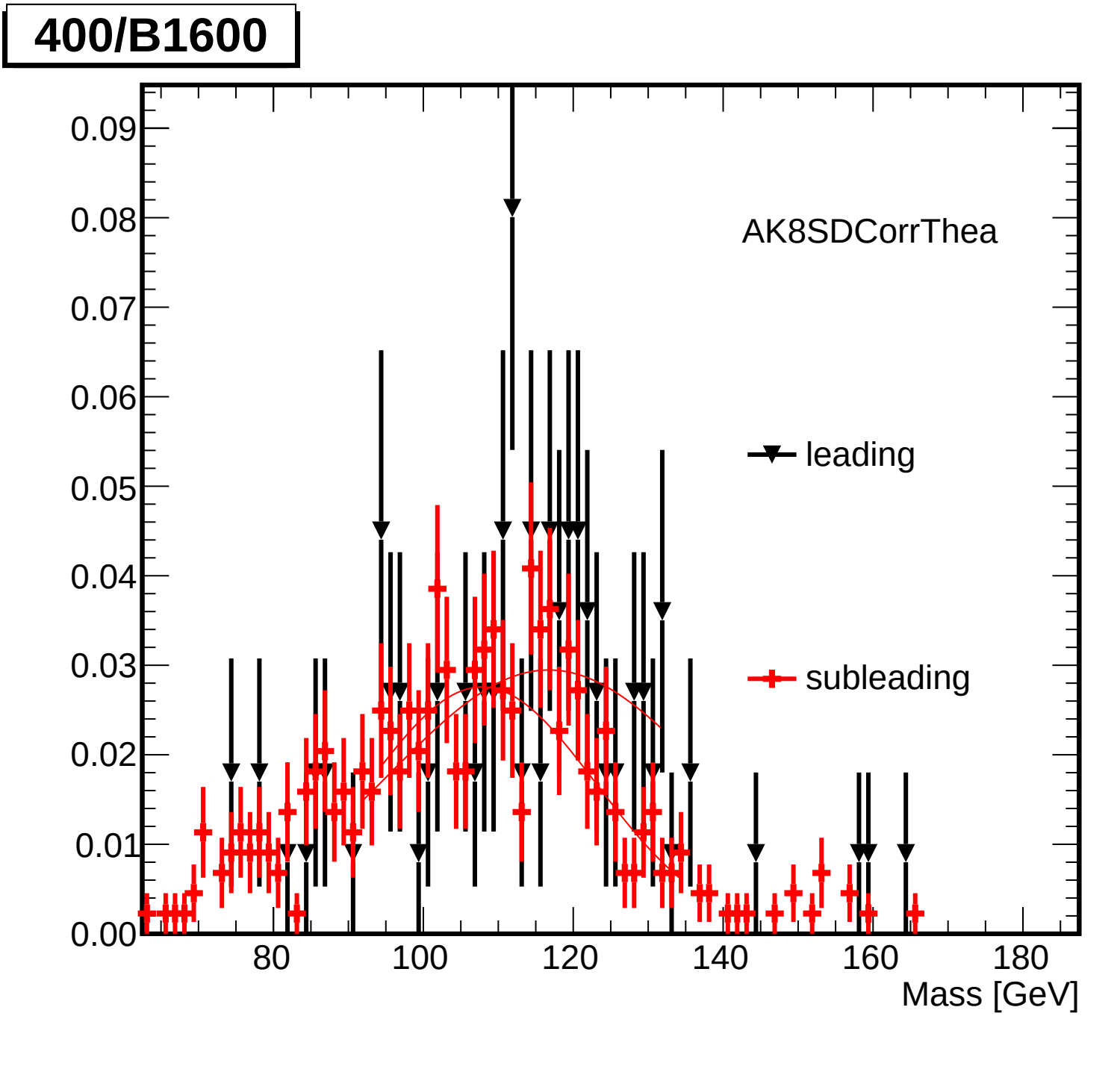

400/B1600
PR
leading
Mean = -0.137
Sigma = 0.109
subleading
Mean = -0.148
Sigma = 0.107
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

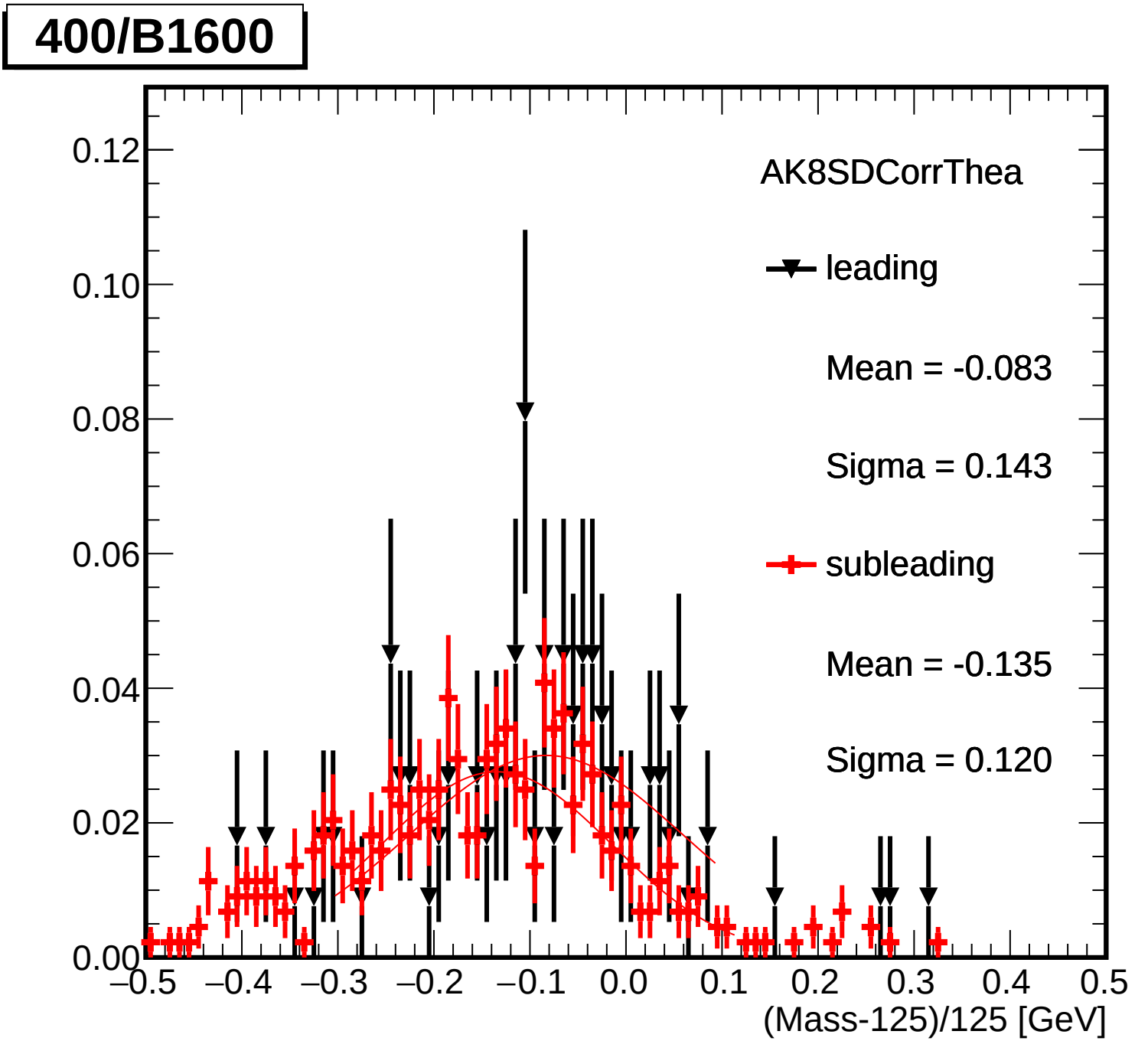

400/B1600
PRCorr
leading
subleading
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

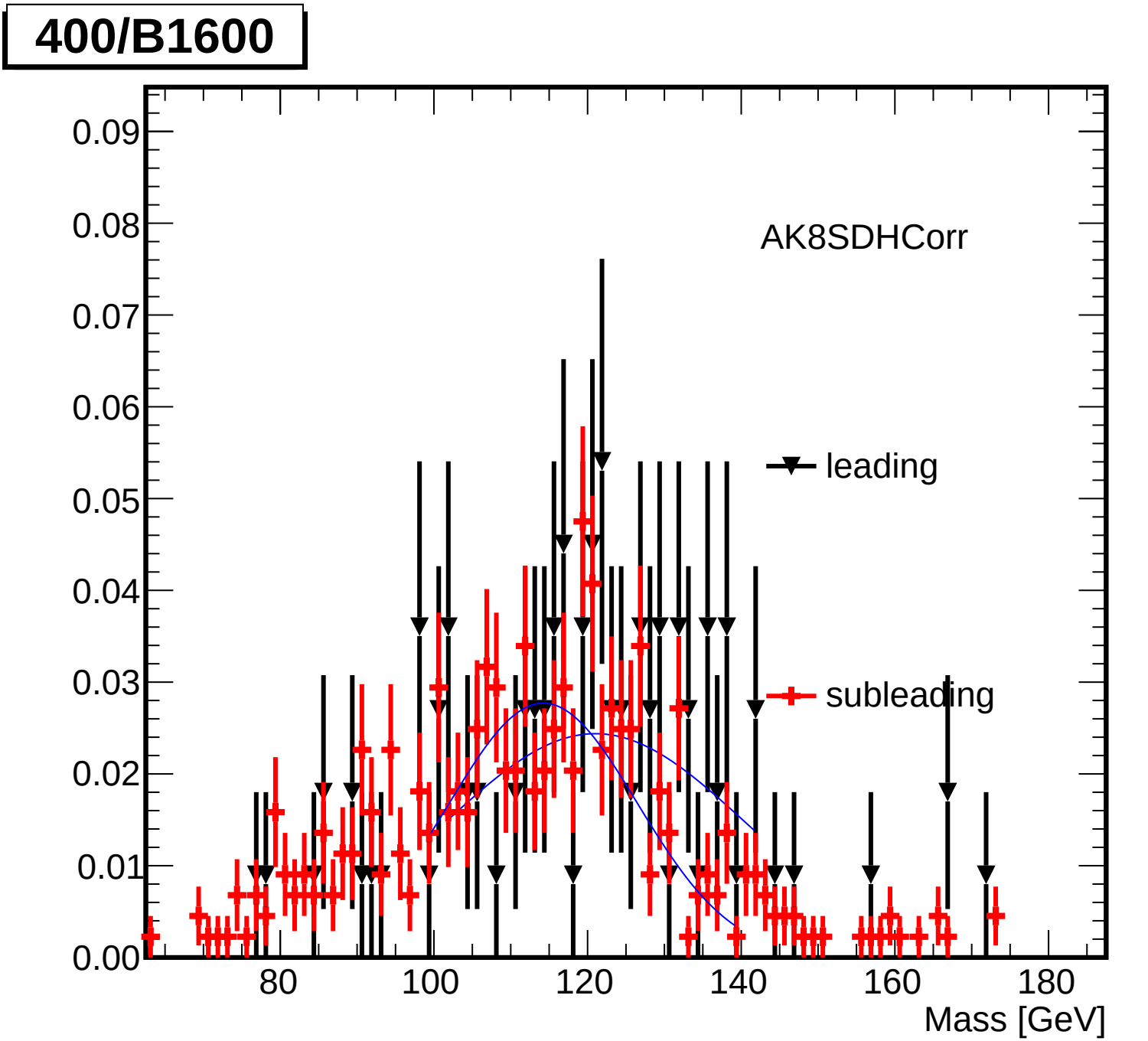

400/B1600
PRCorr
leading
Mean = -0.071
Sigma = 0.127
subleading
Mean = -0.079
Sigma = 0.107
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

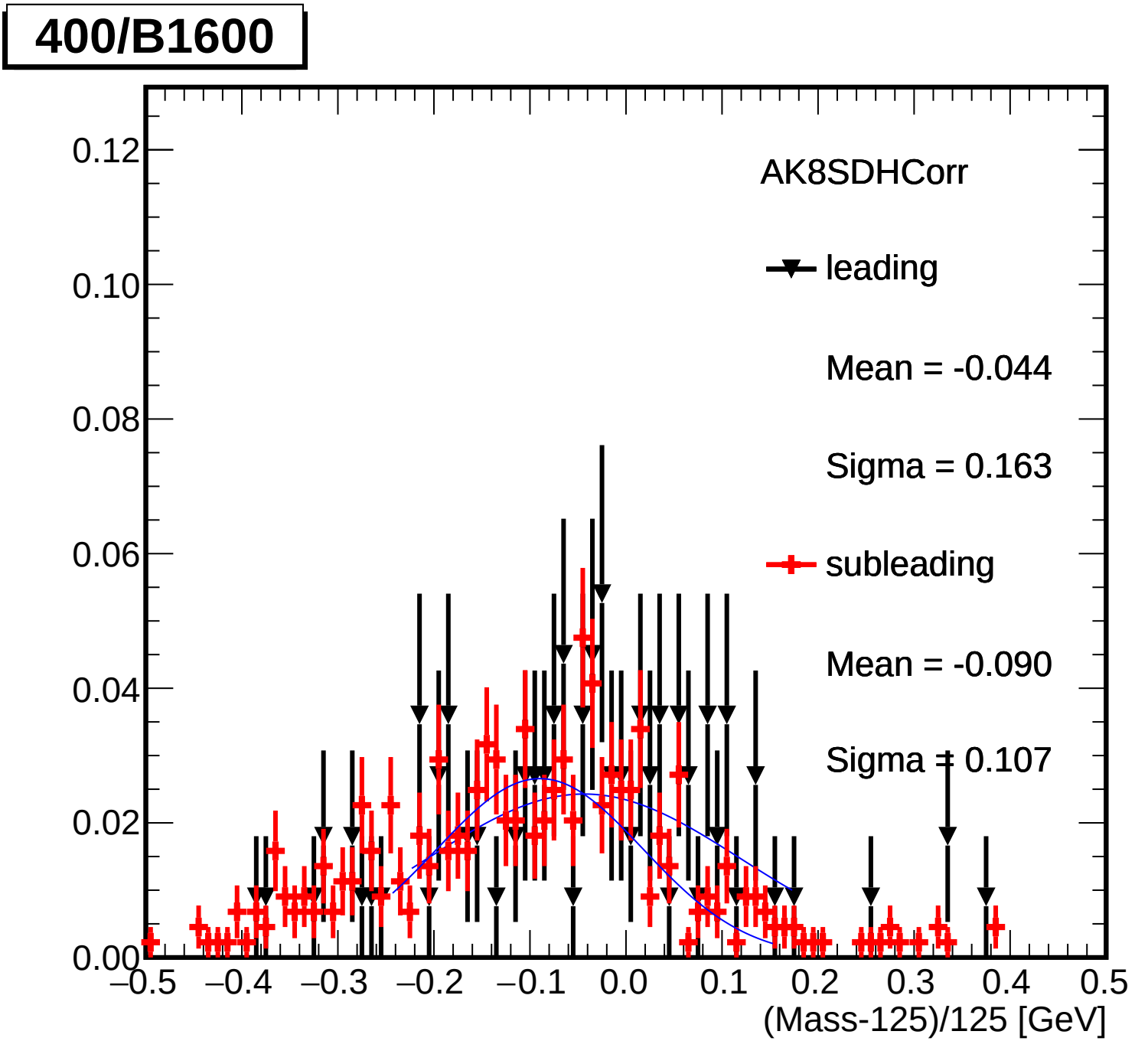

400/B1600
AK8SD
leading
subleading
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


400/B1600
AK8SD
leading
Mean = -0.152
Sigma = 0.103
subleading
Mean = -0.200
Sigma = 0.105
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]


400/B1600
AK8SDCorrThea
leading
subleading
0.09
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]


400/B1600
AK8SDCorrThea
leading
Mean = -0.083
Sigma = 0.143
subleading
Mean = -0.135
Sigma = 0.120
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]


400/B1600
AK8SDHCorr
leading
subleading
0.09
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]


400/B1600
AK8SDHCorr
leading
Mean = -0.044
Sigma = 0.163
subleading
Mean = -0.090
Sigma = 0.107
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]