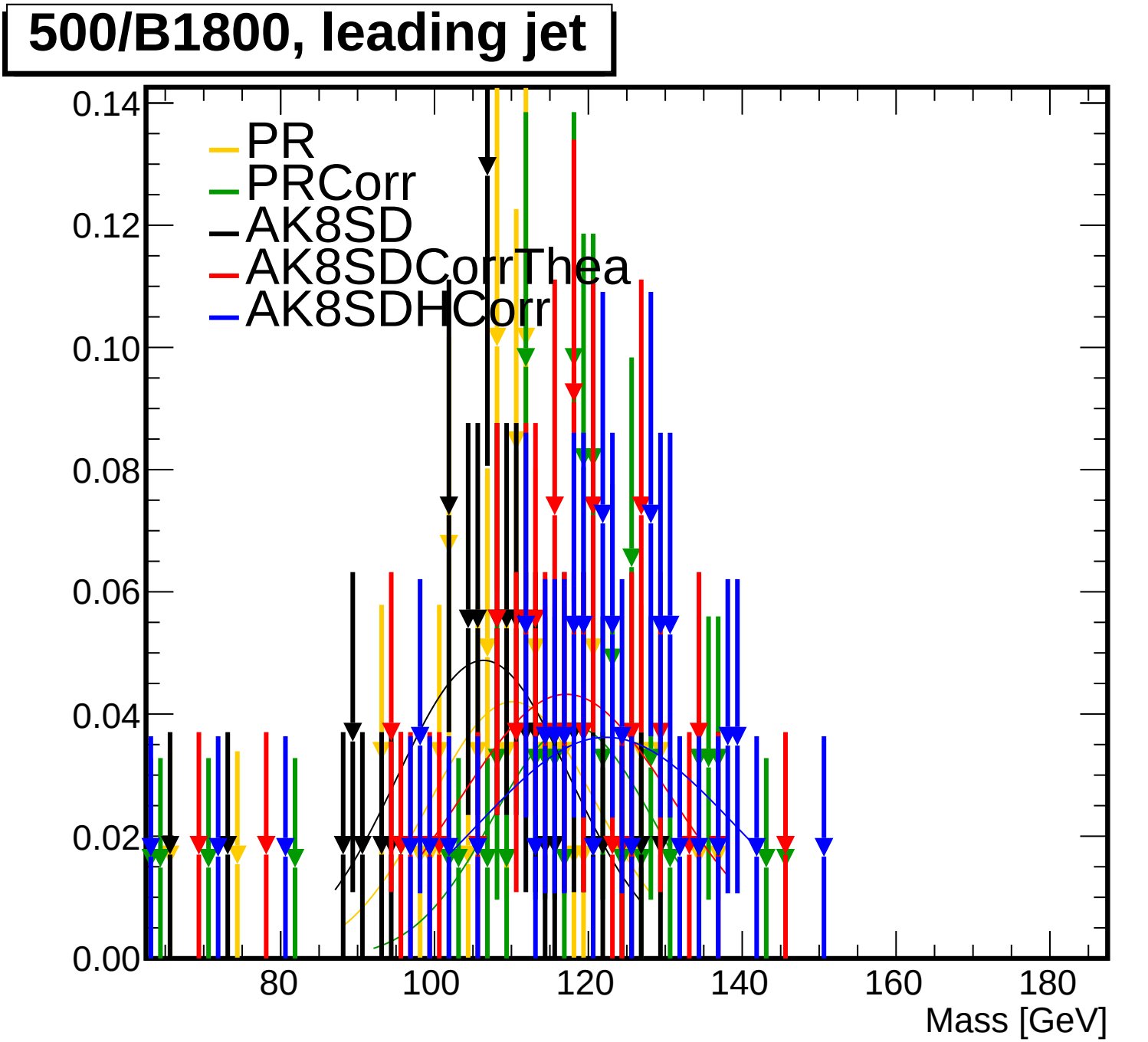
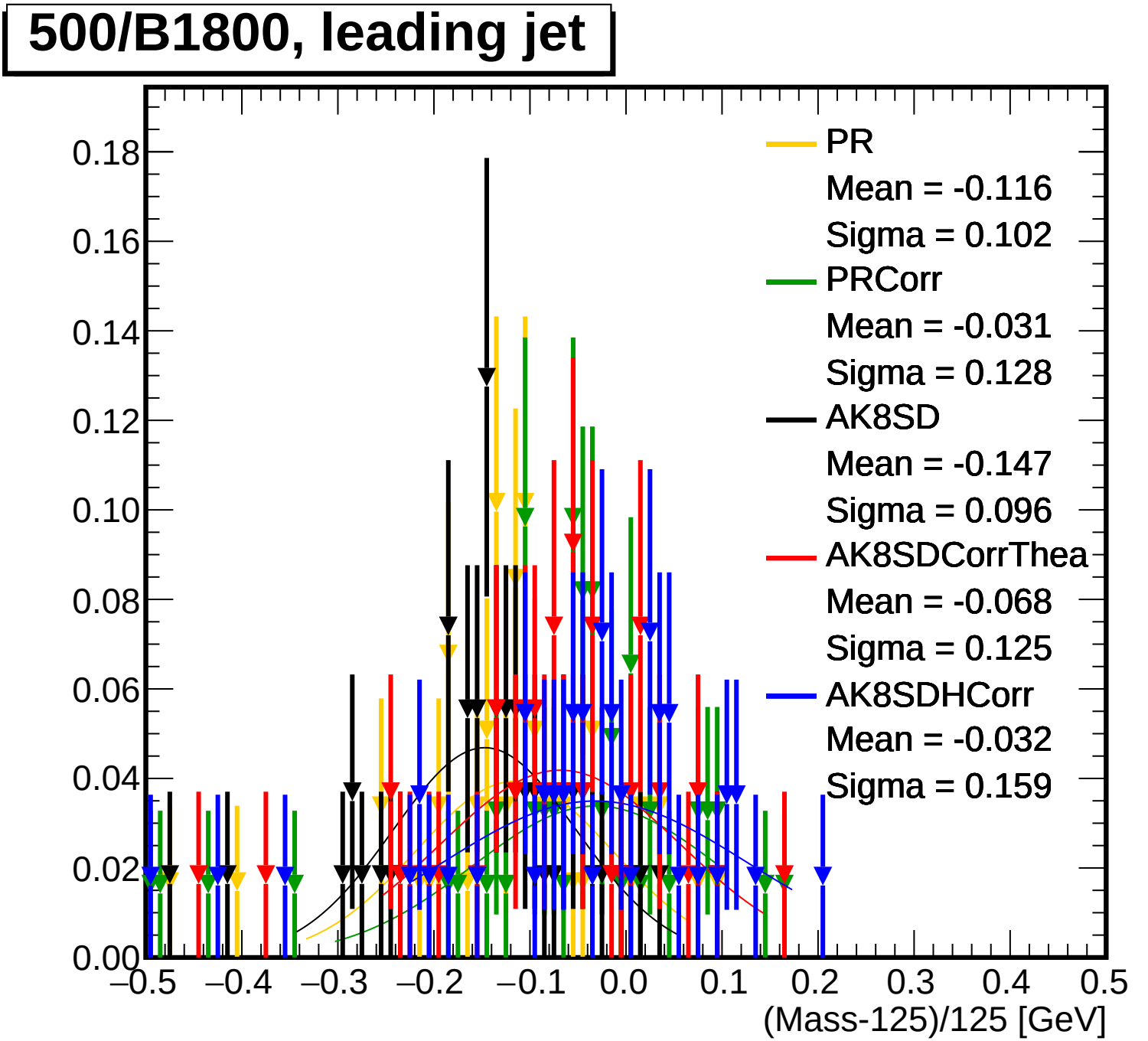
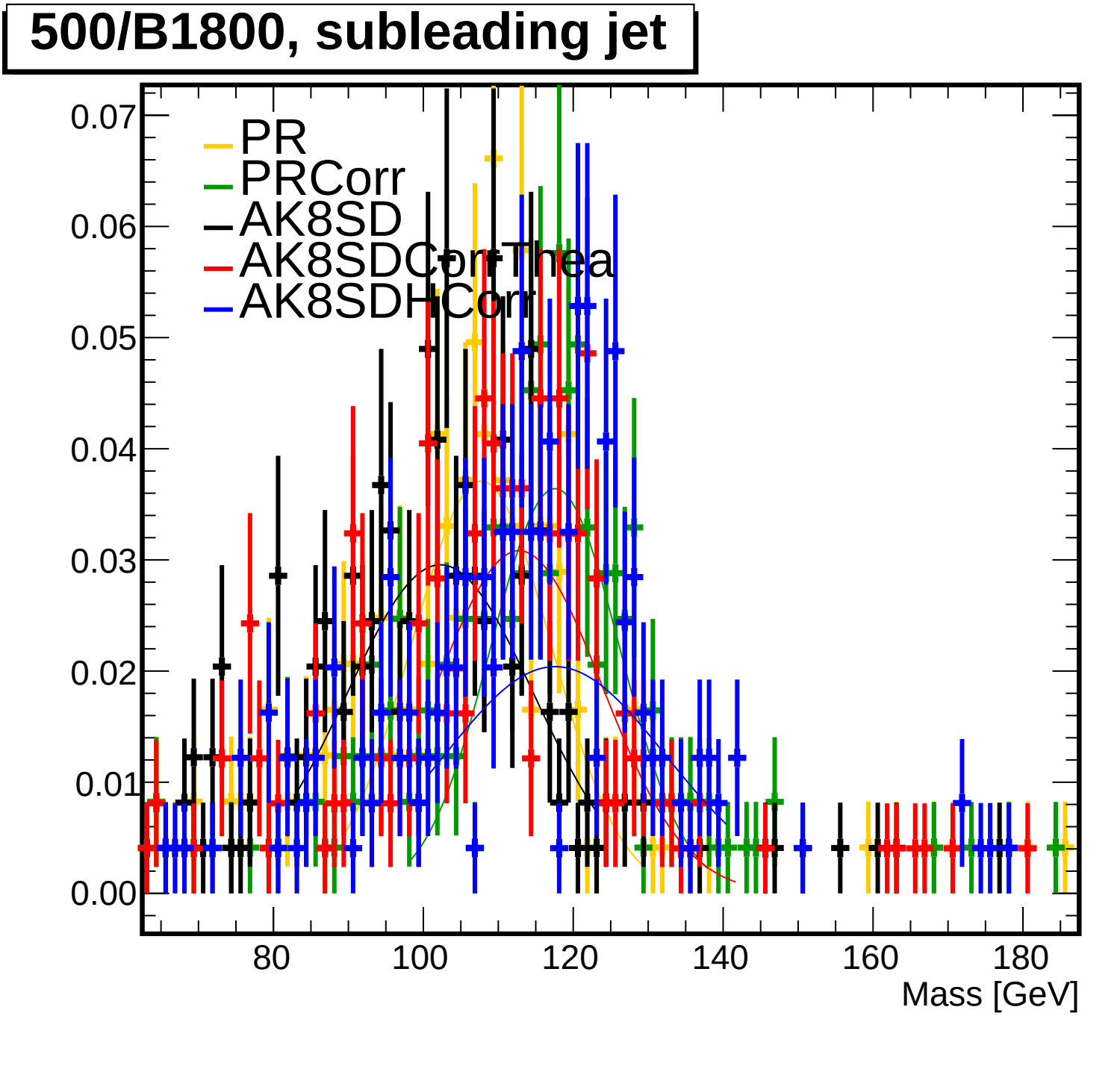
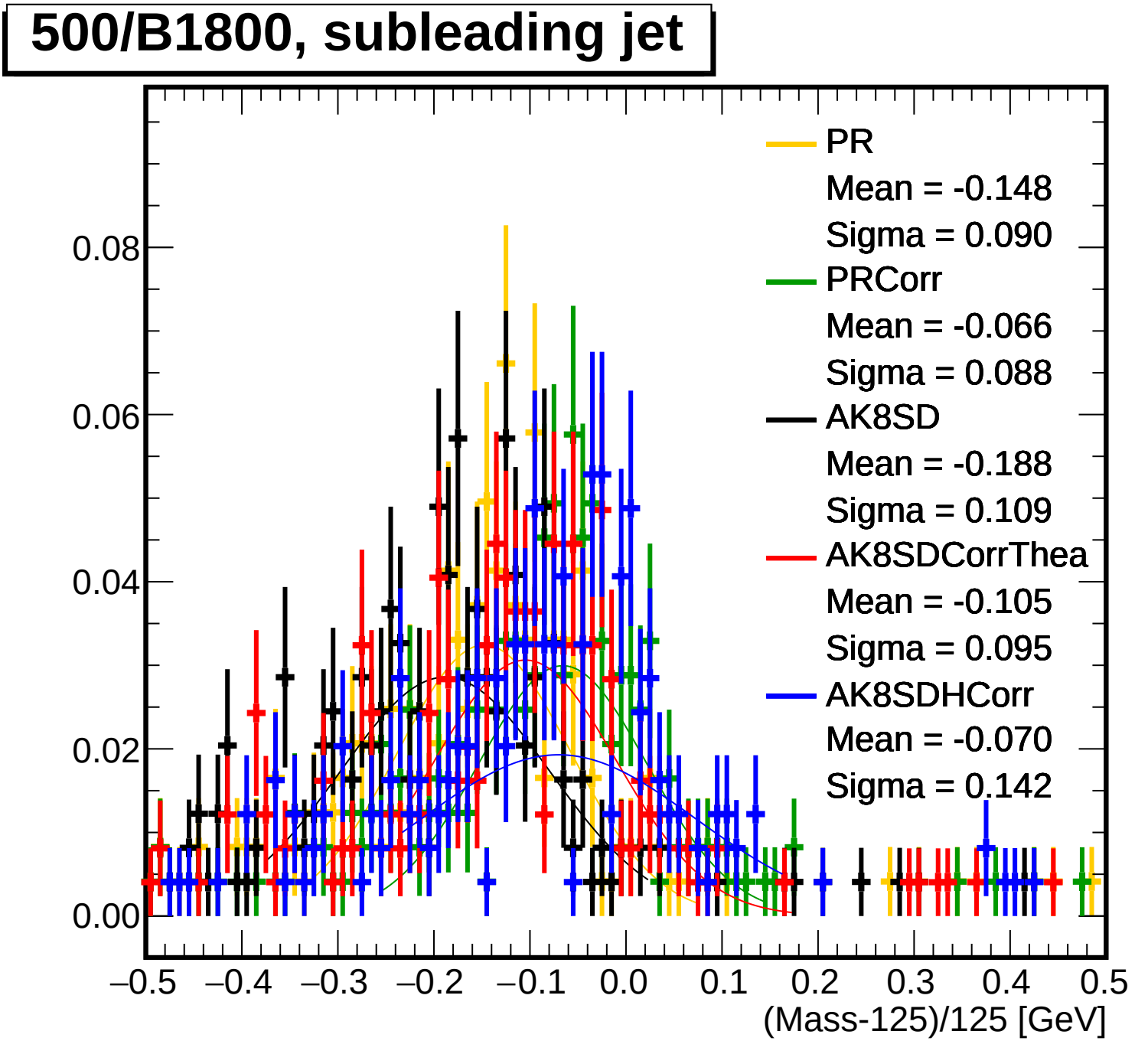
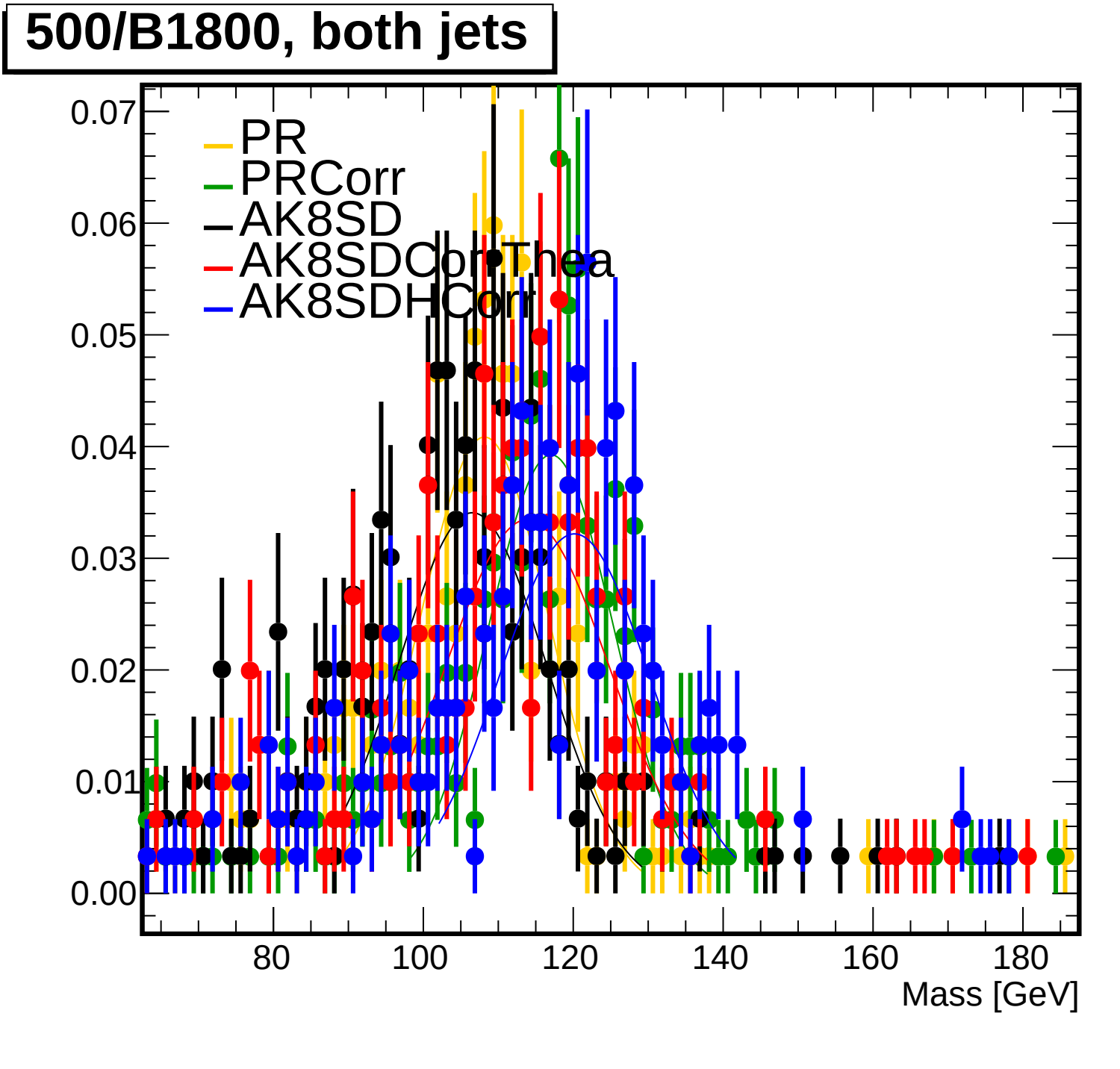
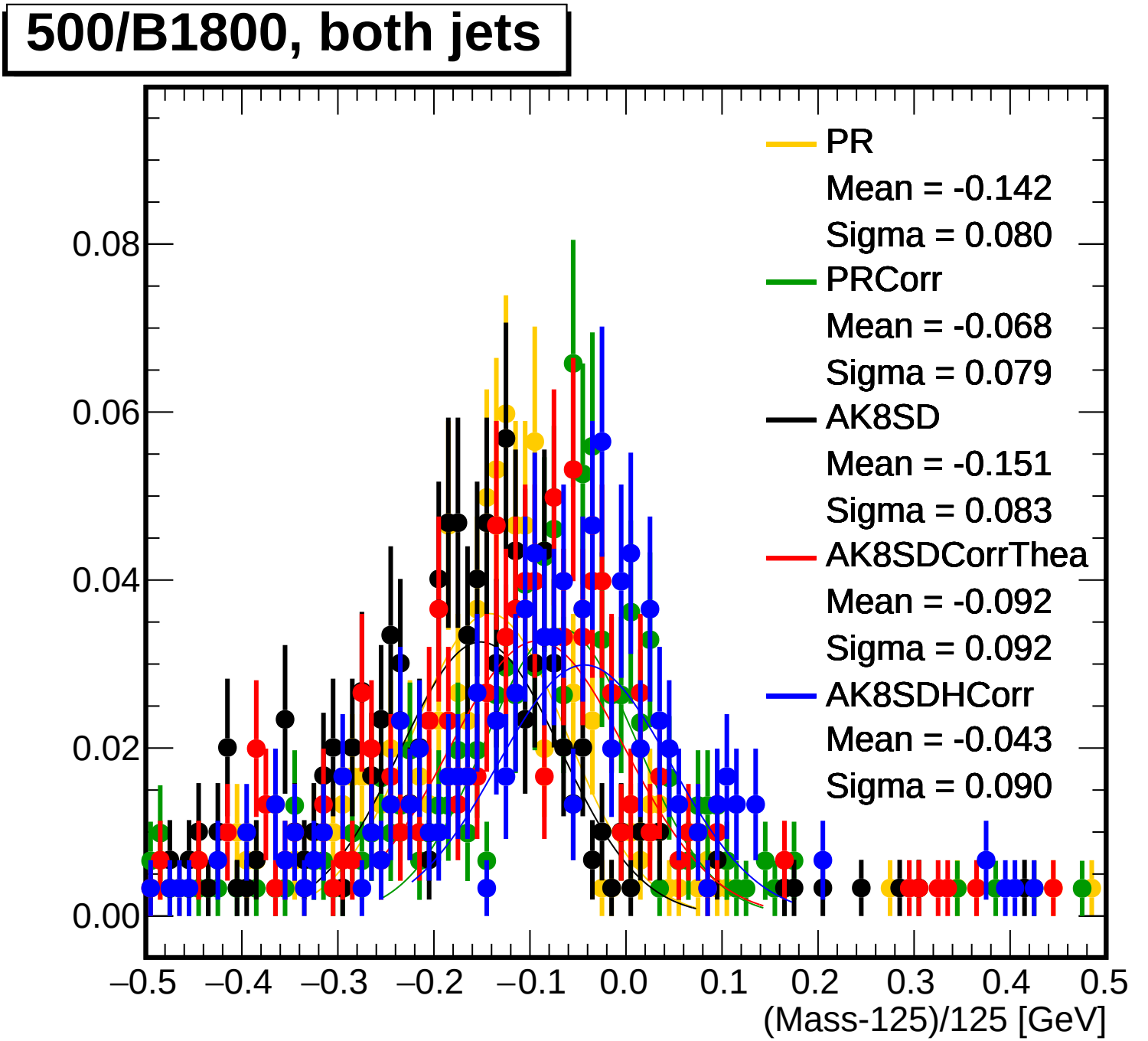

500/B1800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

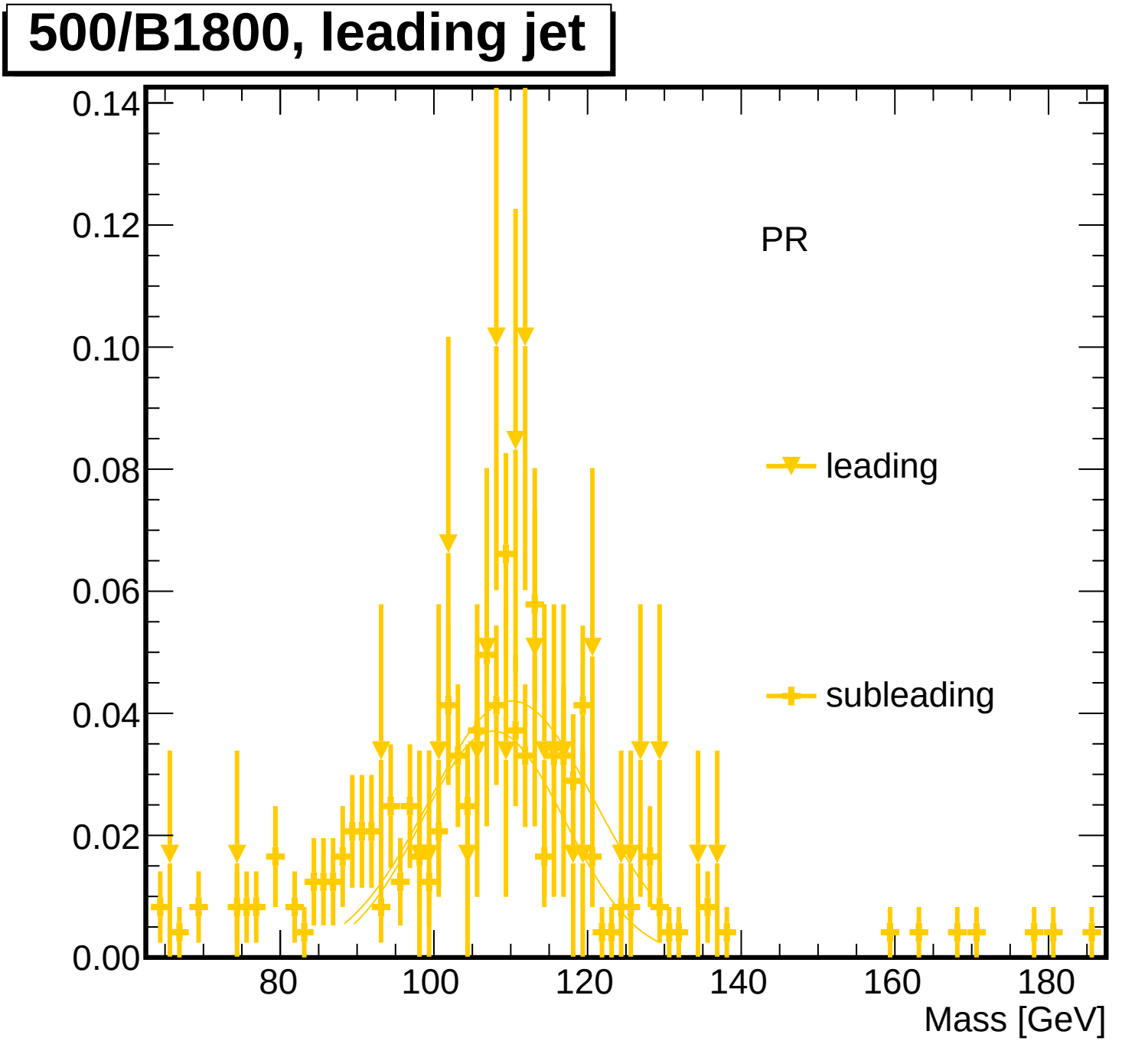

500/B1800, leading jet
PR
Mean = -0.116
Sigma = 0.102
PRCorr
Mean = -0.031
Sigma = 0.128
AK8SD
Mean = -0.147
Sigma = 0.096
AK8SDCorrThea
Mean = -0.068
Sigma = 0.125
AK8SDHCorr
Mean = -0.032
Sigma = 0.159
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

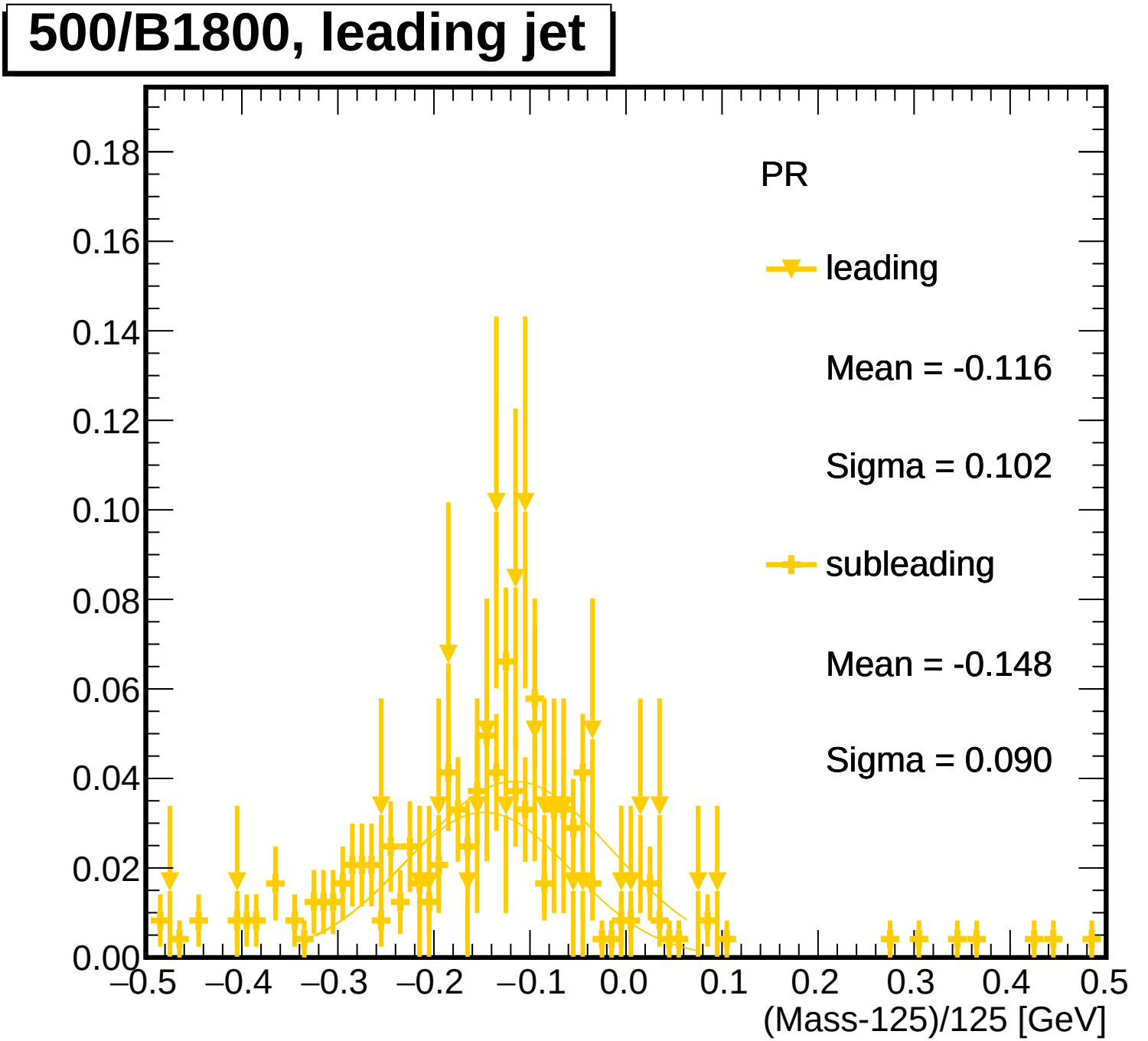

500/B1800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

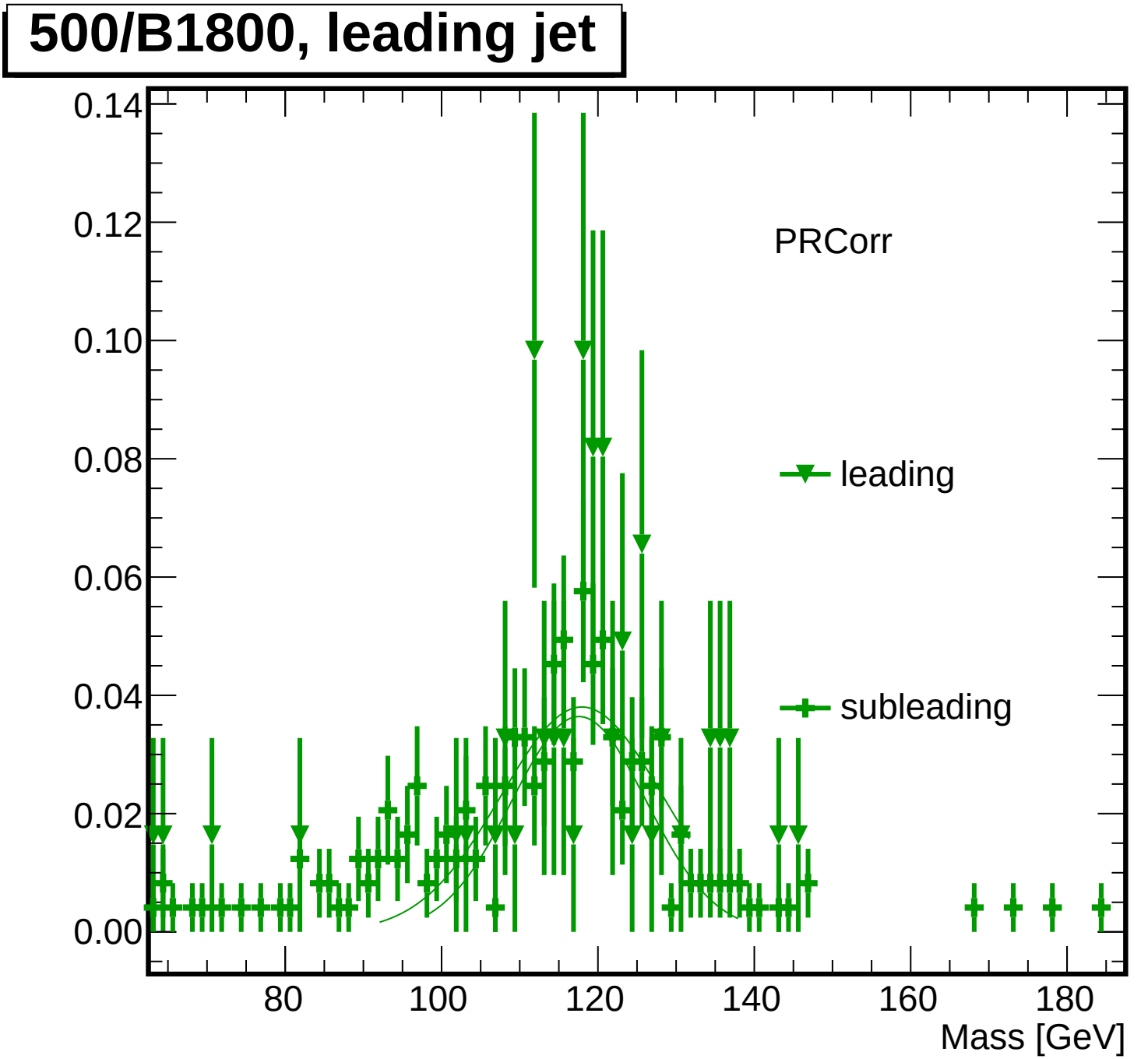

500/B1800, subleading jet
PR
Mean = -0.148
Sigma = 0.090
PRCorr
Mean = -0.066
Sigma = 0.088
AK8SD
Mean = -0.188
Sigma = 0.109
AK8SDCorrThea
Mean = -0.105
Sigma = 0.095
AK8SDHCorr
Mean = -0.070
Sigma = 0.142
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

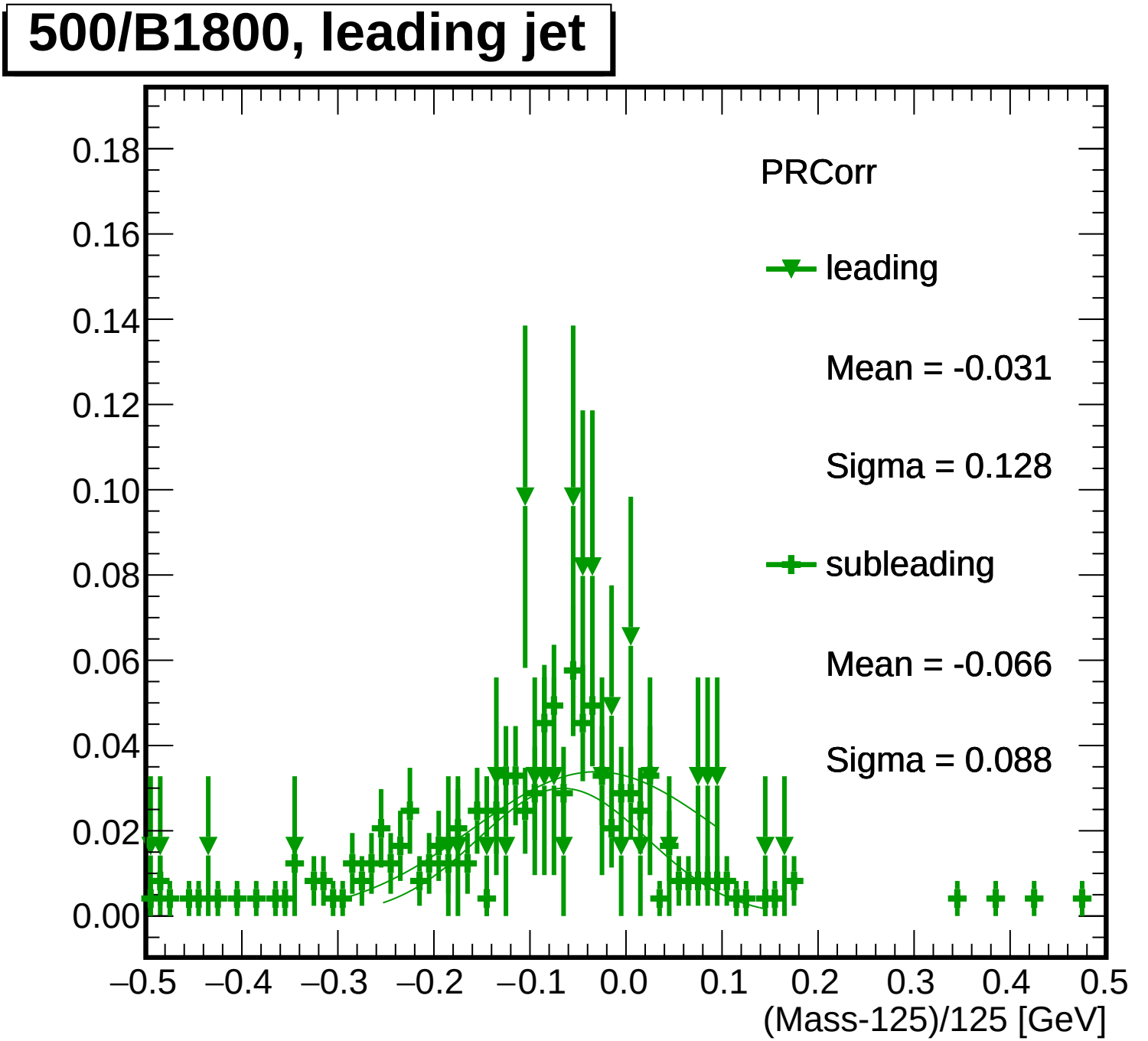

500/B1800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

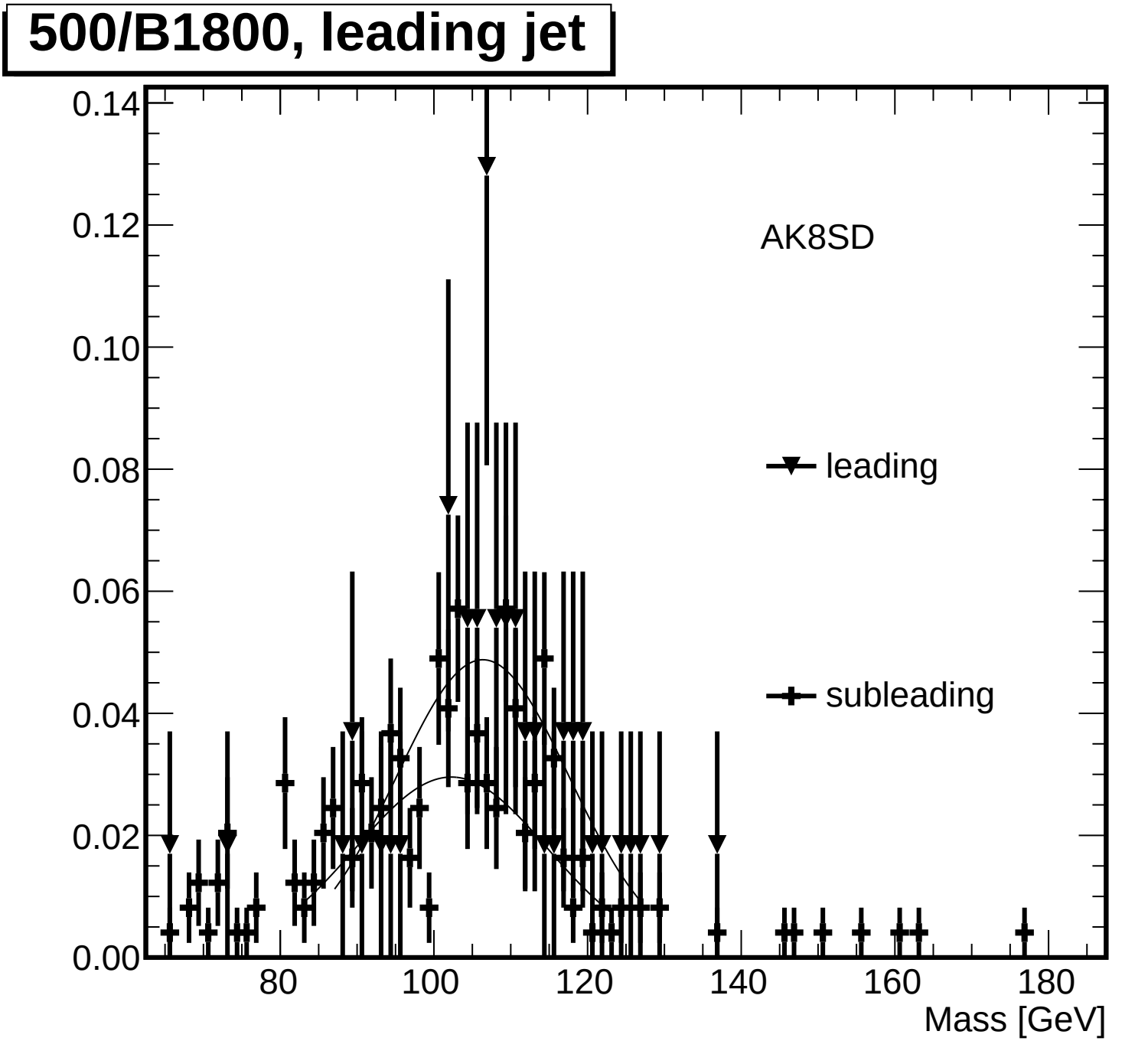

500/B1800, both jets
PR
Mean = -0.142
Sigma = 0.080
PRCorr
Mean = -0.068
Sigma = 0.079
AK8SD
Mean = -0.151
Sigma = 0.083
AK8SDCorrThea
Mean = -0.092
Sigma = 0.092
AK8SDHCorr
Mean = -0.043
Sigma = 0.090
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

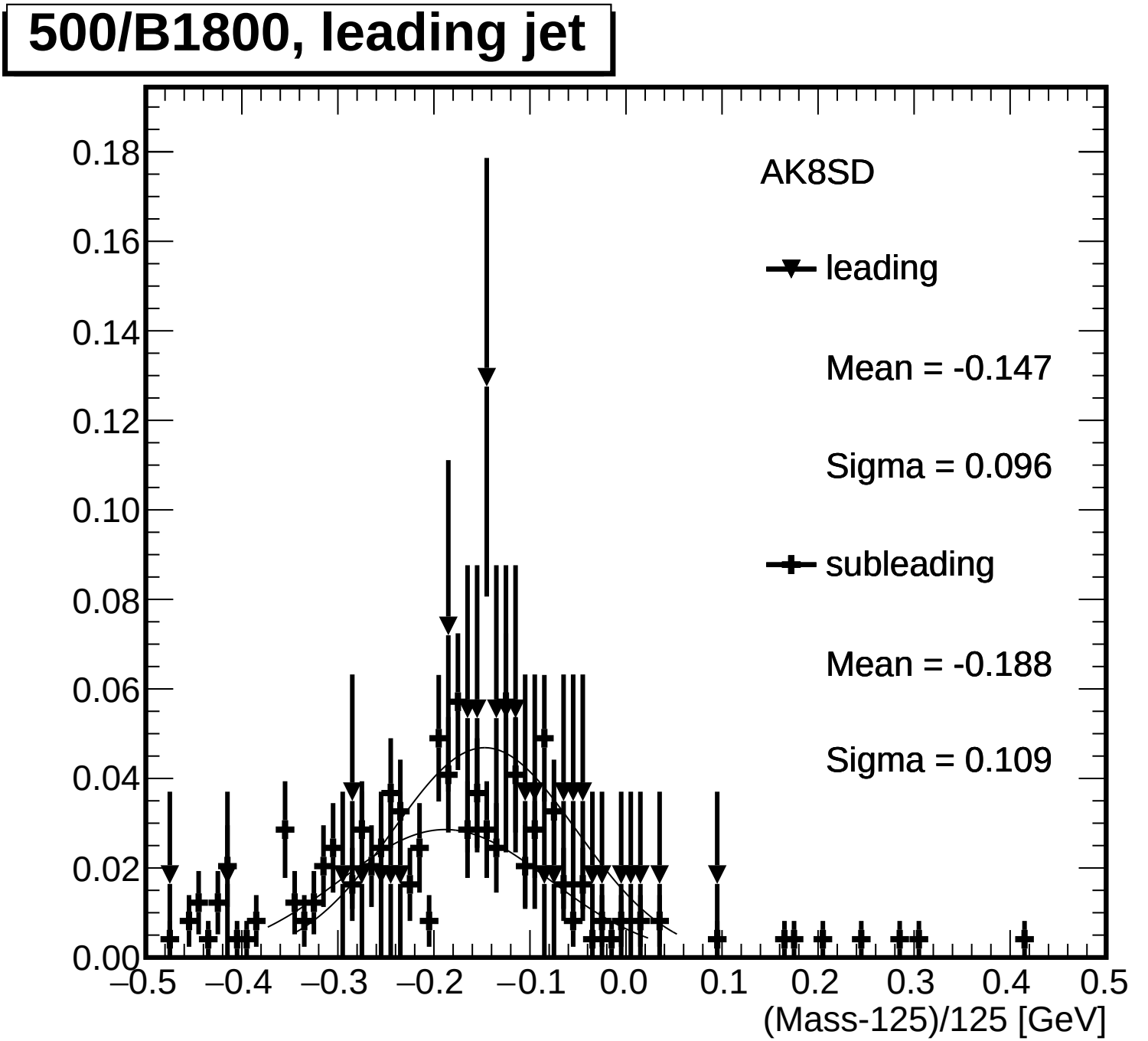

500/B1800, leading jet
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

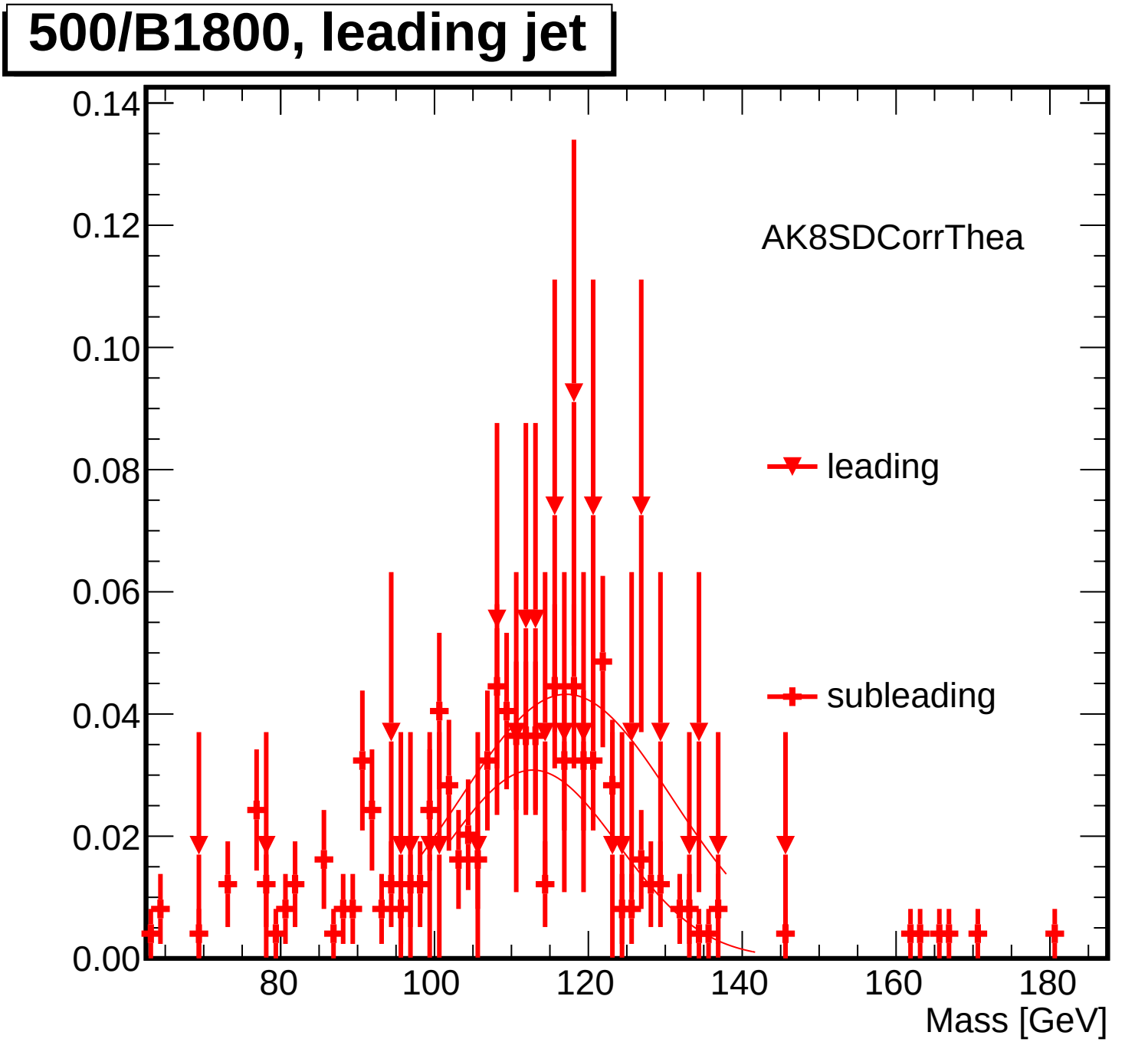

500/B1800, leading jet
PR
leading
Mean = -0.116
Sigma = 0.102
subleading
Mean = -0.148
Sigma = 0.090
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

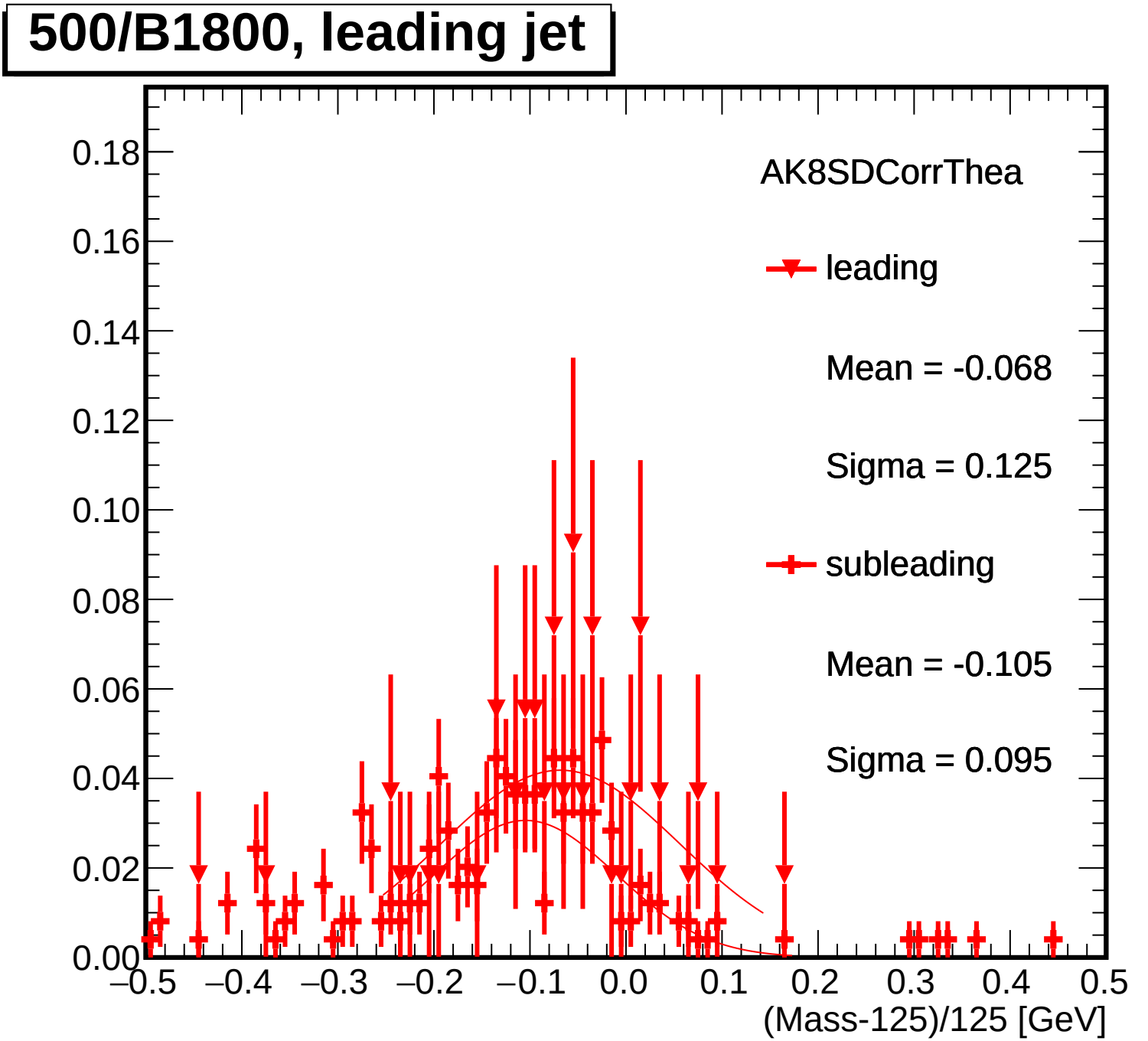

500/B1800, leading jet
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

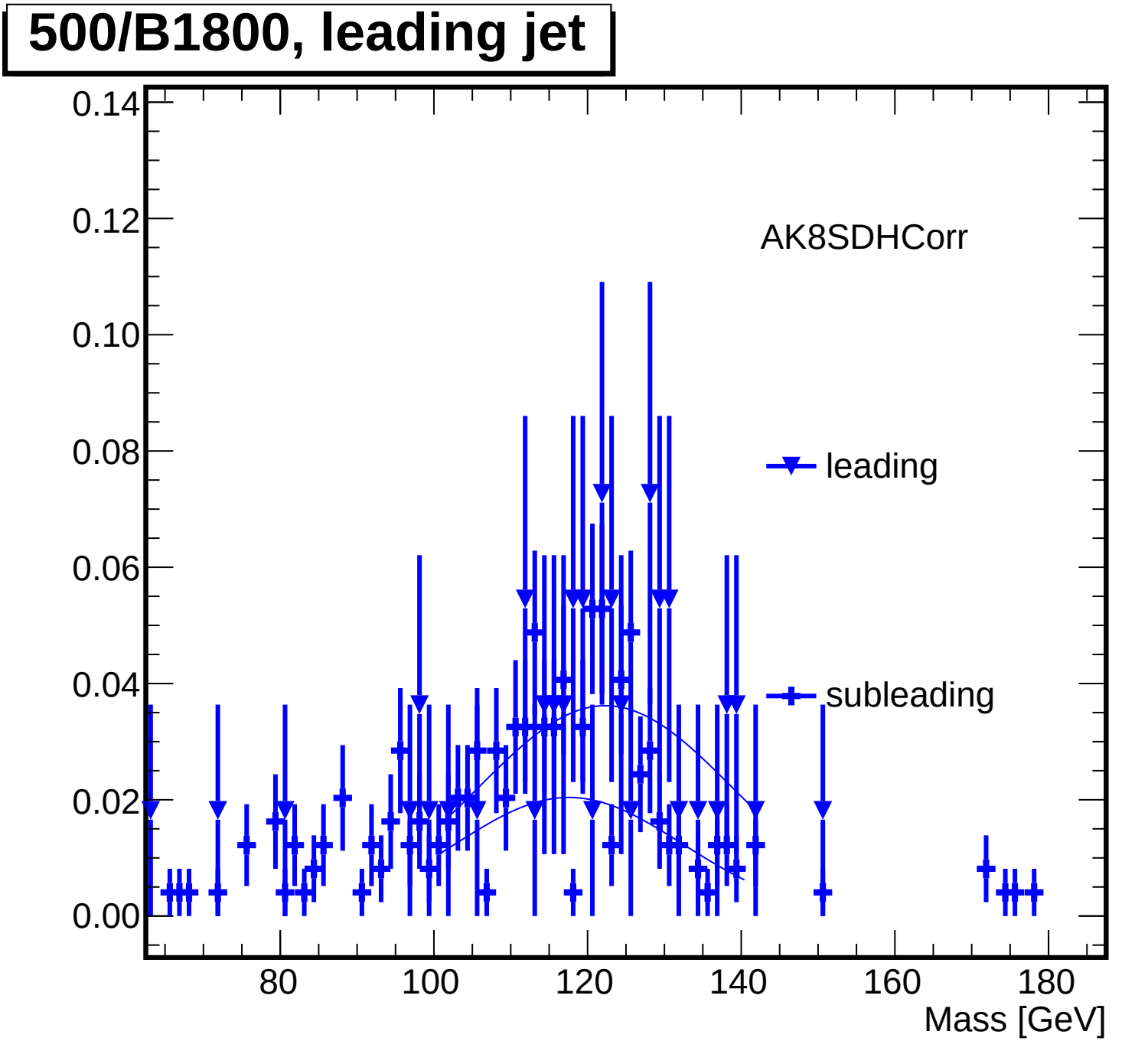

500/B1800, leading jet
PRCorr
leading
Mean = -0.031
Sigma = 0.128
subleading
Mean = -0.066
Sigma = 0.088
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

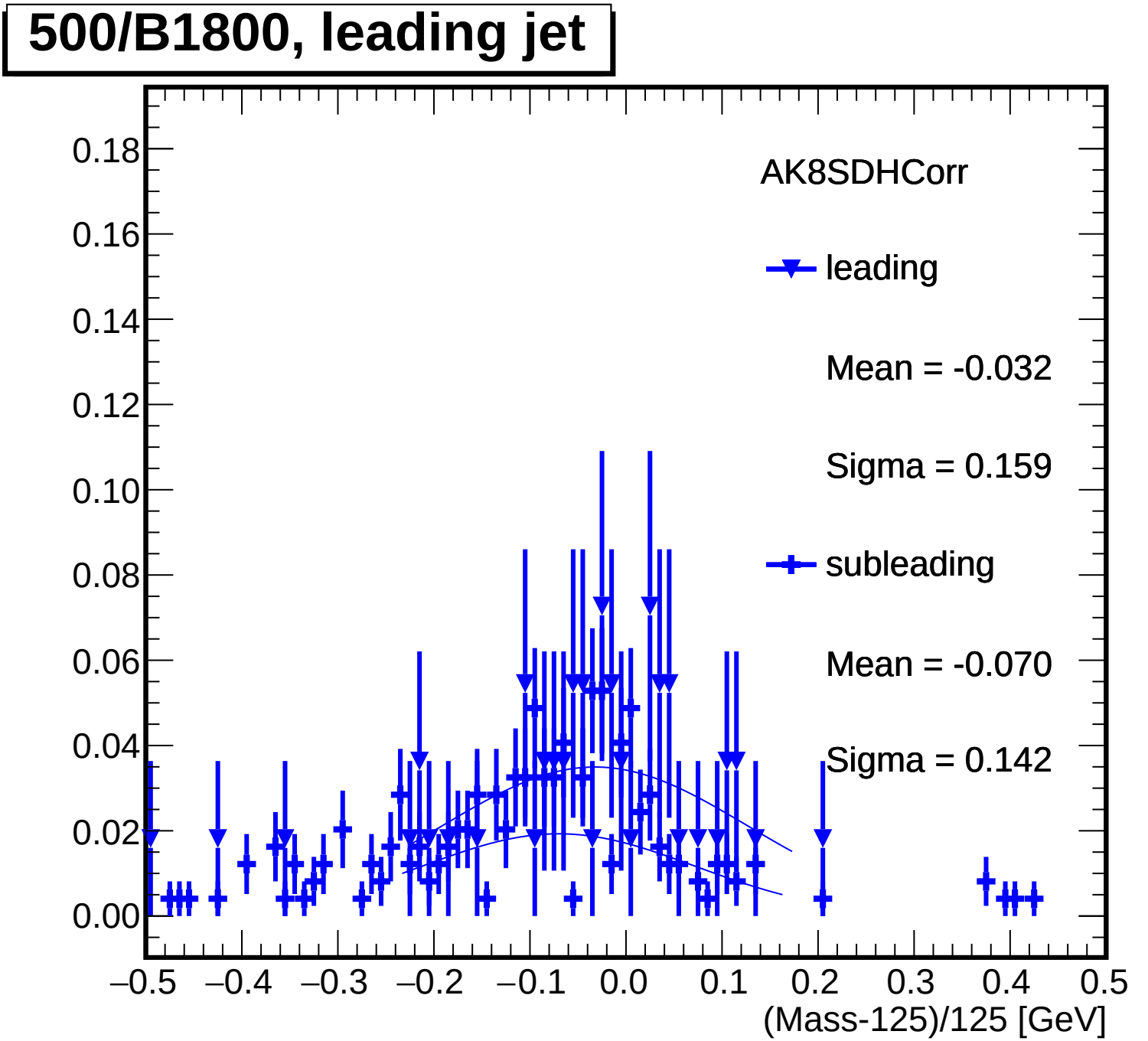

500/B1800, leading jet
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


500/B1800, leading jet
AK8SD
leading
Mean = -0.147
Sigma = 0.096
subleading
Mean = -0.188
Sigma = 0.109
0.18
0.16
0.14
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]


500/B1800, leading jet
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


500/B1800, leading jet
AK8SDCorrThea
leading
Mean = -0.068
Sigma = 0.125
subleading
Mean = -0.105
Sigma = 0.095
0.18
0.16
0.14
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]


500/B1800, leading jet
AK8SDHCorr
leading
subleading
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1800, leading jet
AK8SDHCorr
leading
Mean = -0.032
Sigma = 0.159
subleading
Mean = -0.070
Sigma = 0.142
0.18
0.16
0.14
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]