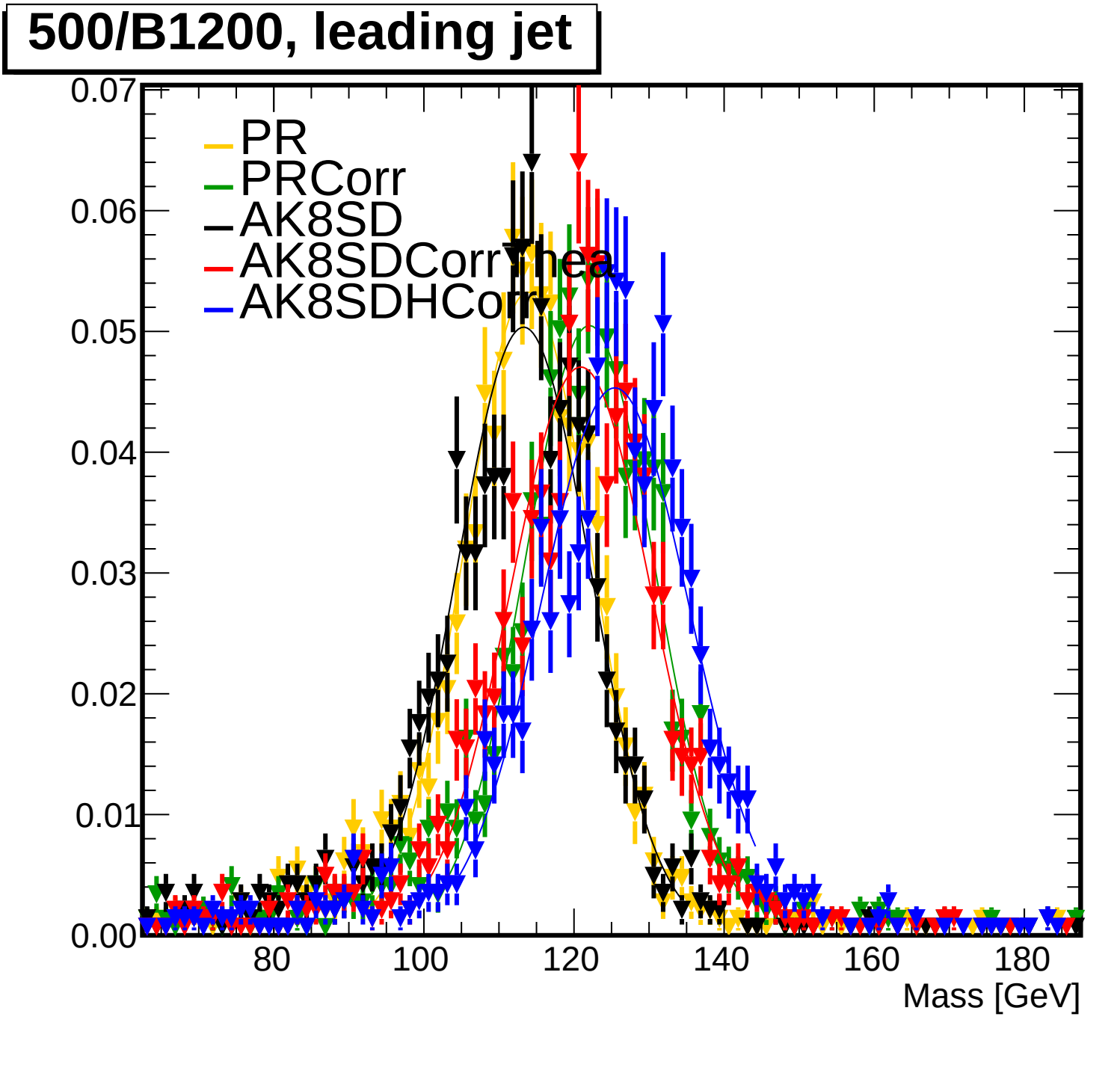
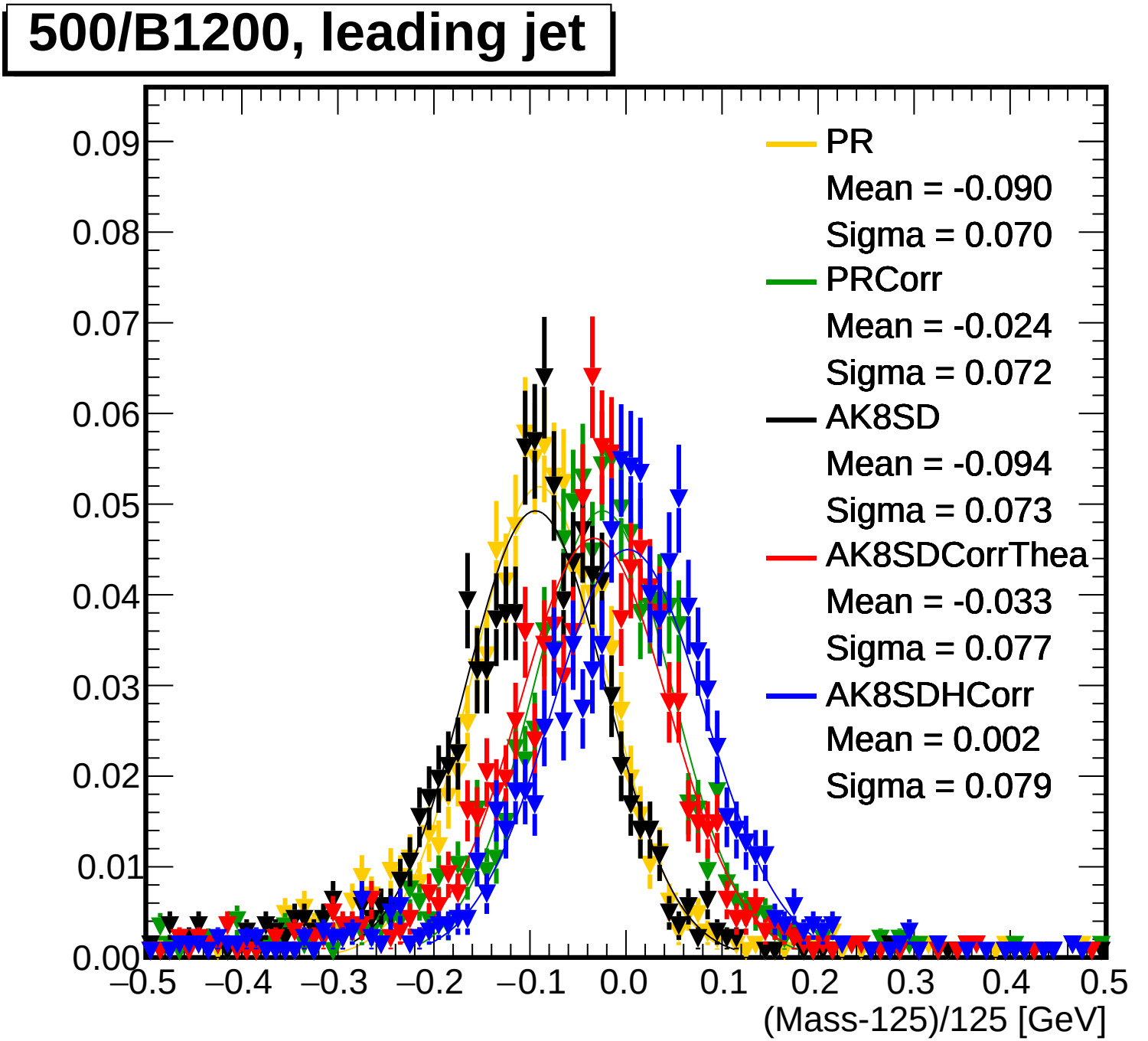
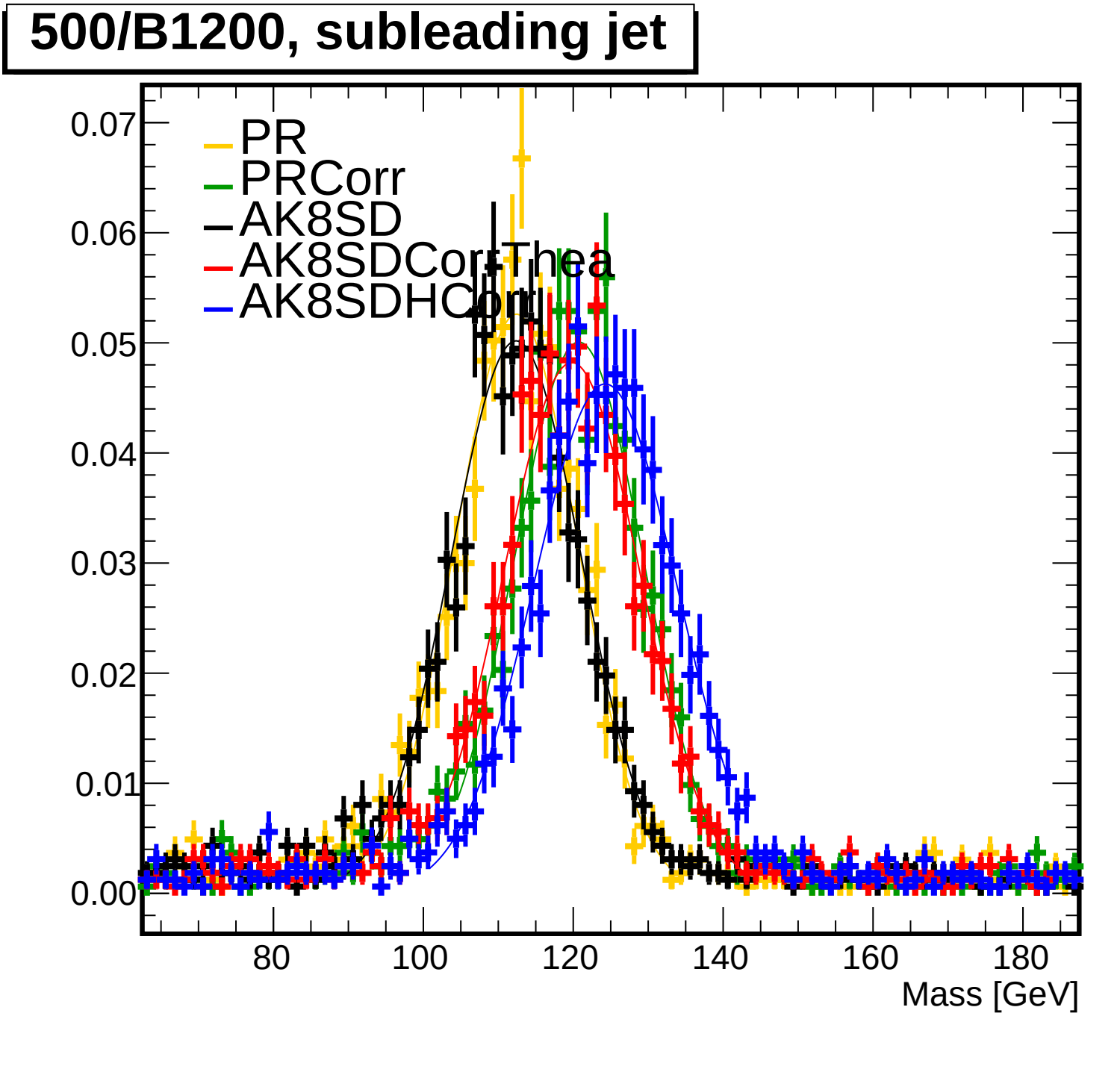
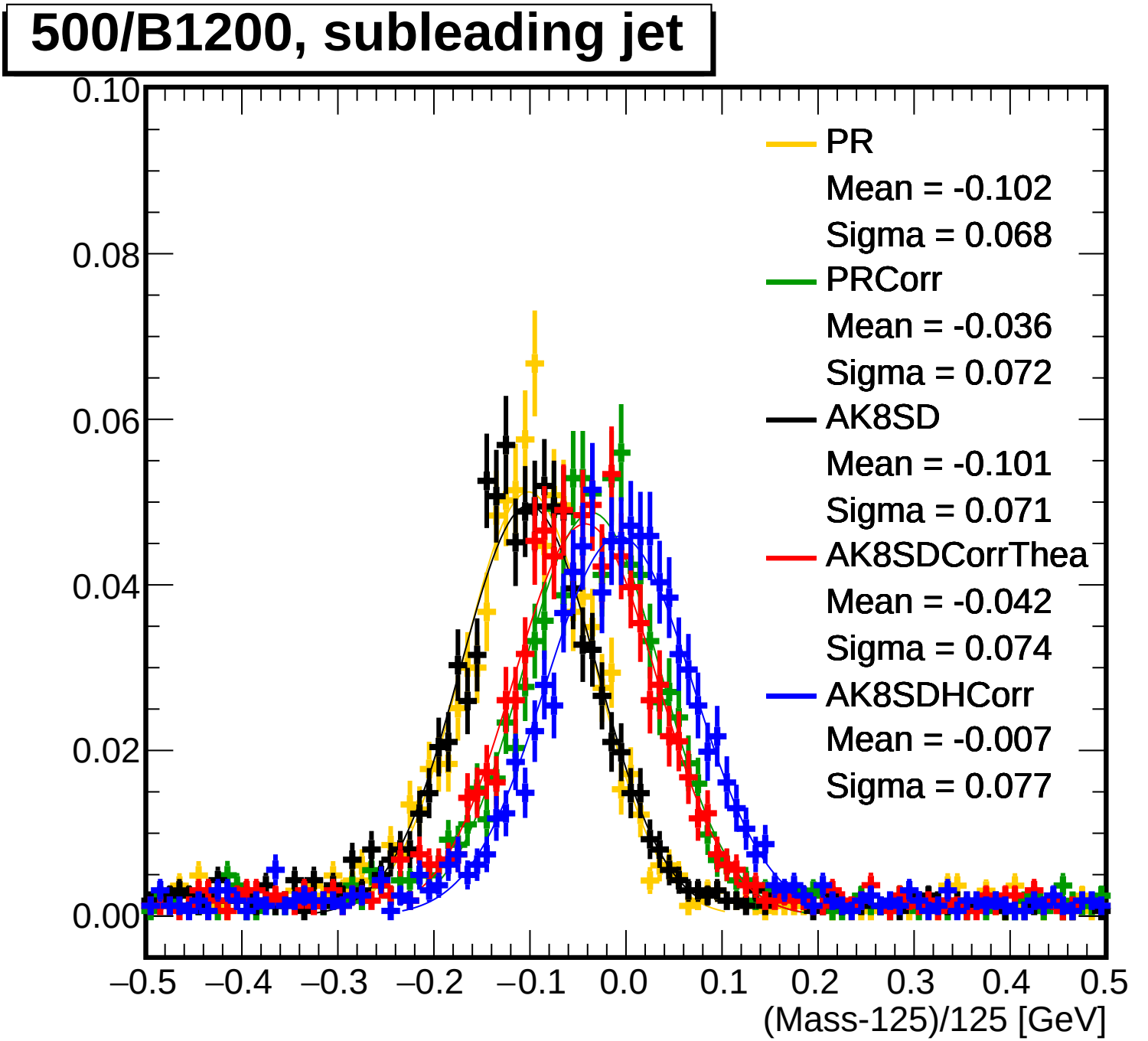
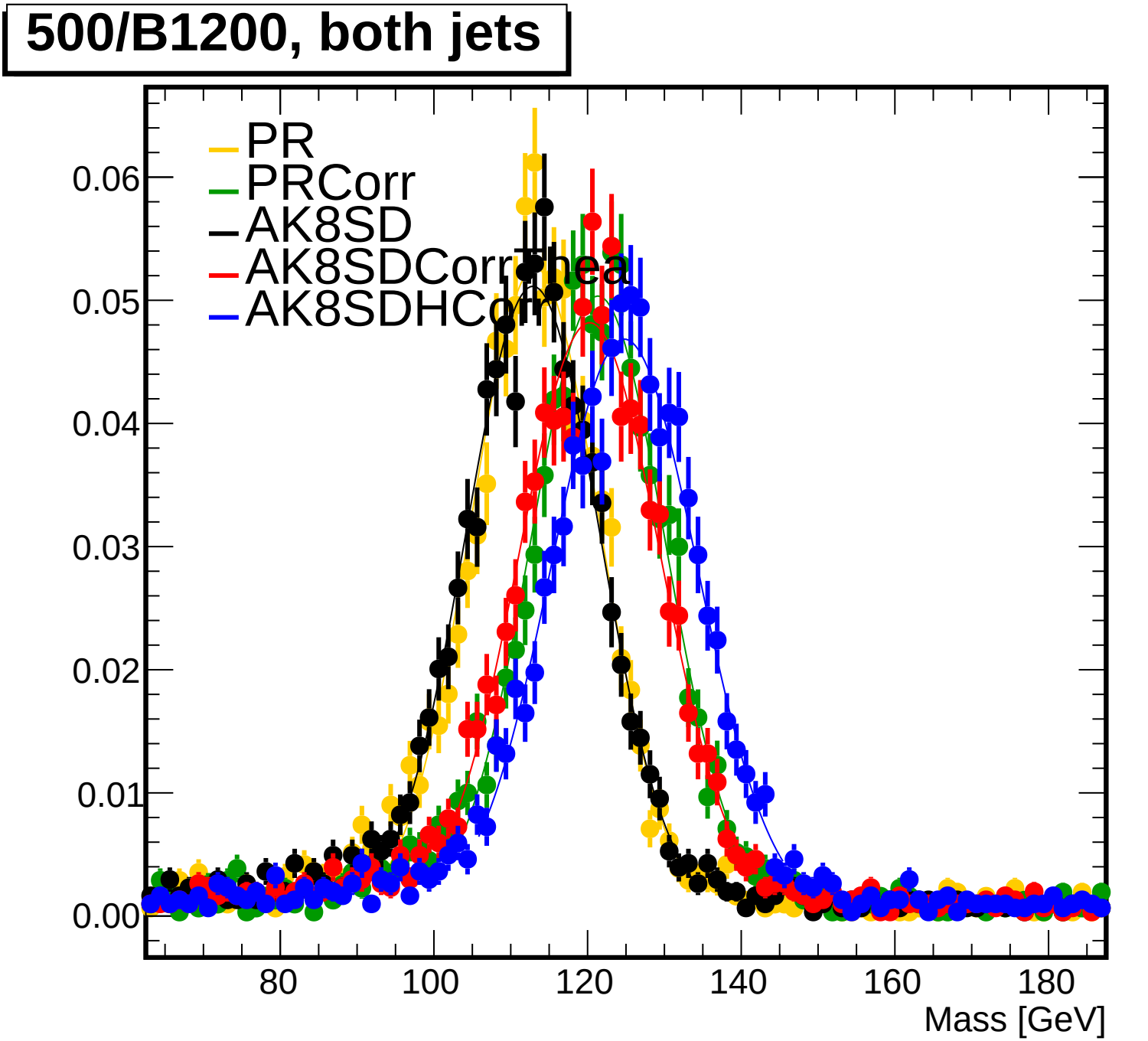
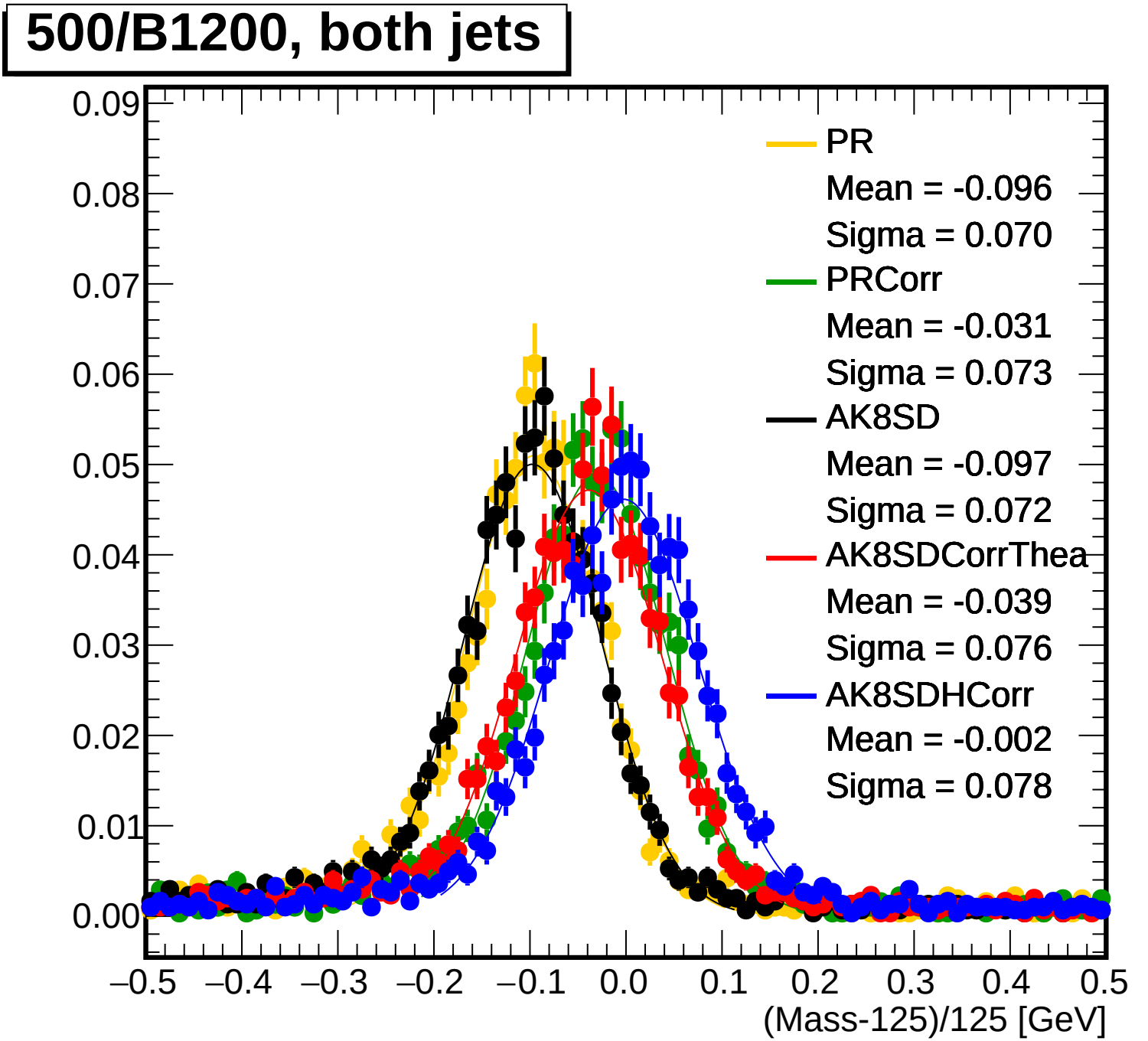

500/B1200, leading jet
PR
PRCorr
AK8SD
AK8SDCorr
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

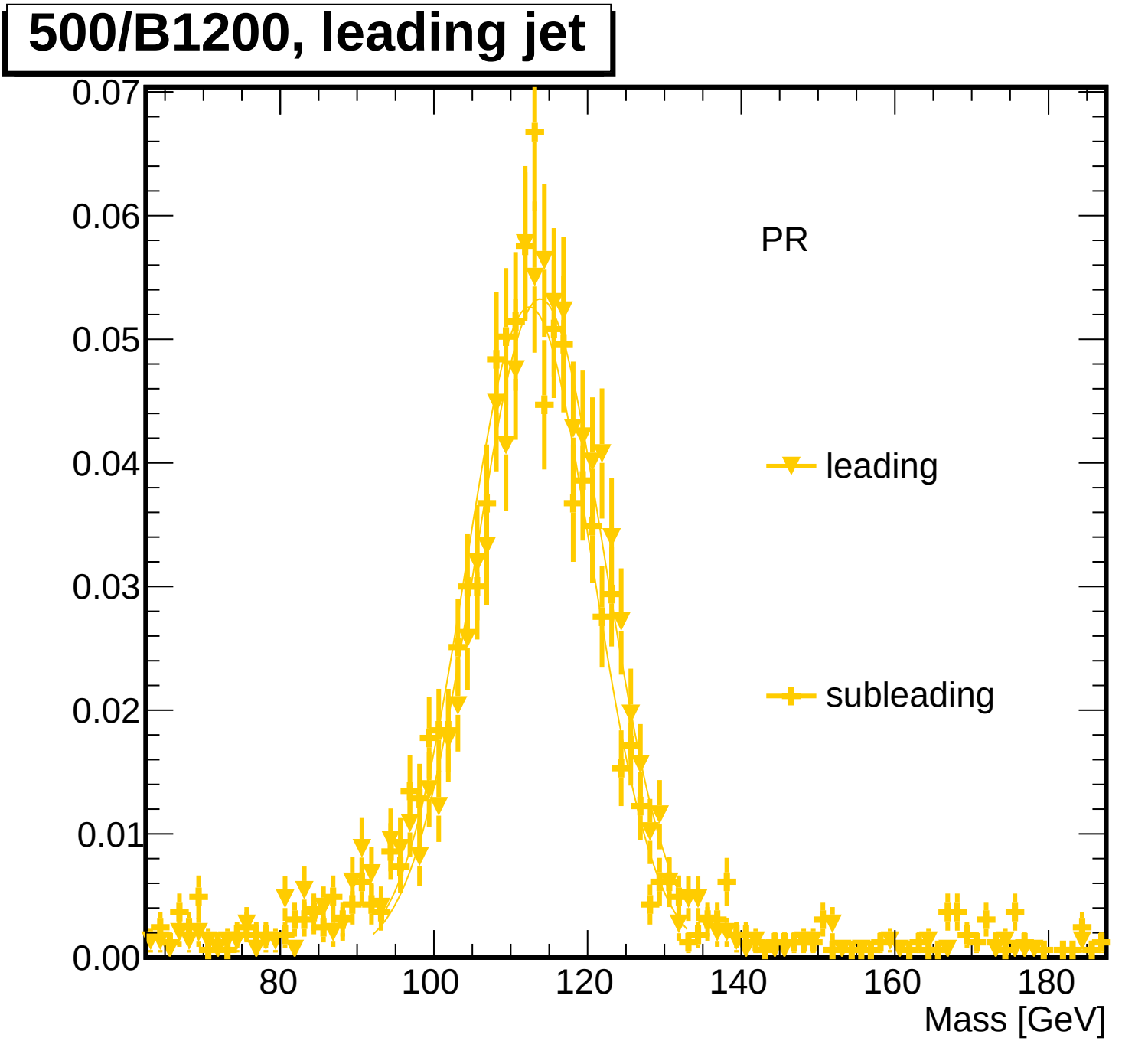

500/B1200, leading jet
PR
Mean = -0.090
Sigma = 0.070
PRCorr
Mean = -0.024
Sigma = 0.072
AK8SD
Mean = -0.094
Sigma = 0.073
AK8SDCorrThea
Mean = -0.033
Sigma = 0.077
AK8SDHCorr
Mean = 0.002
Sigma = 0.079
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

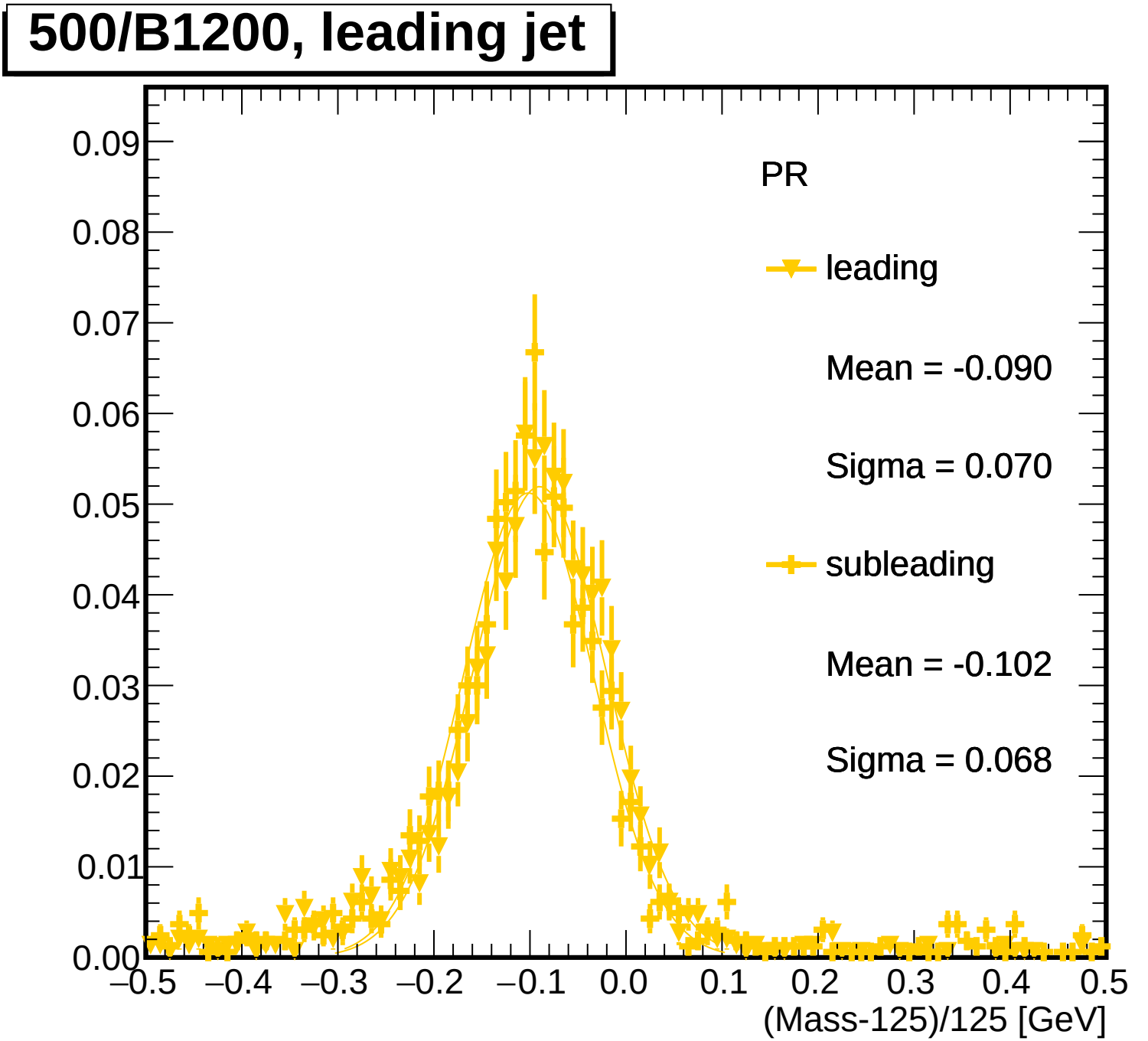

500/B1200, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

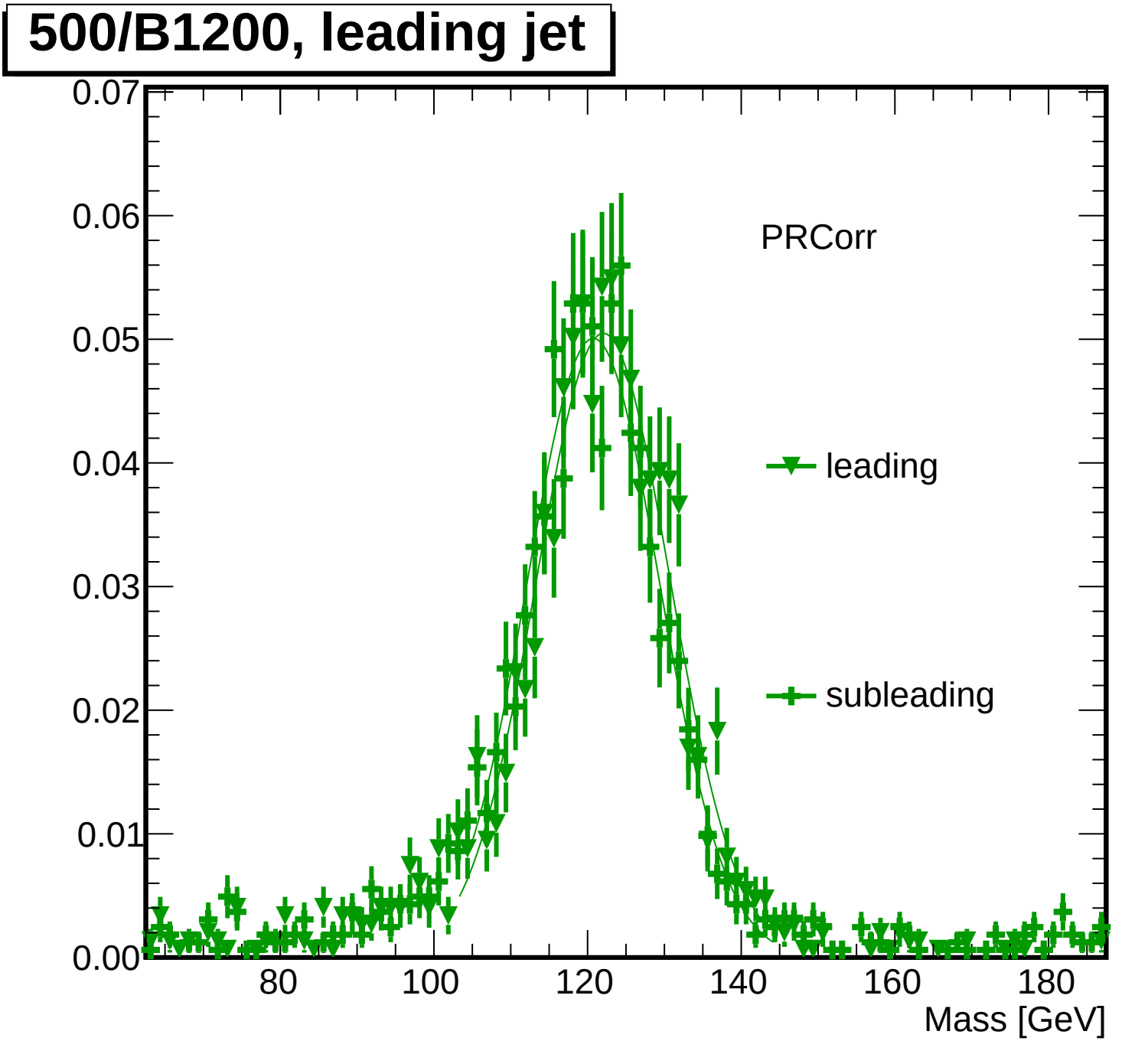

500/B1200, subleading jet
PR
Mean = -0.102
Sigma = 0.068
PRCorr
Mean = -0.036
Sigma = 0.072
AK8SD
Mean = -0.101
Sigma = 0.071
AK8SDCorrThea
Mean = -0.042
Sigma = 0.074
AK8SDHCorr
Mean = -0.007
Sigma = 0.077
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

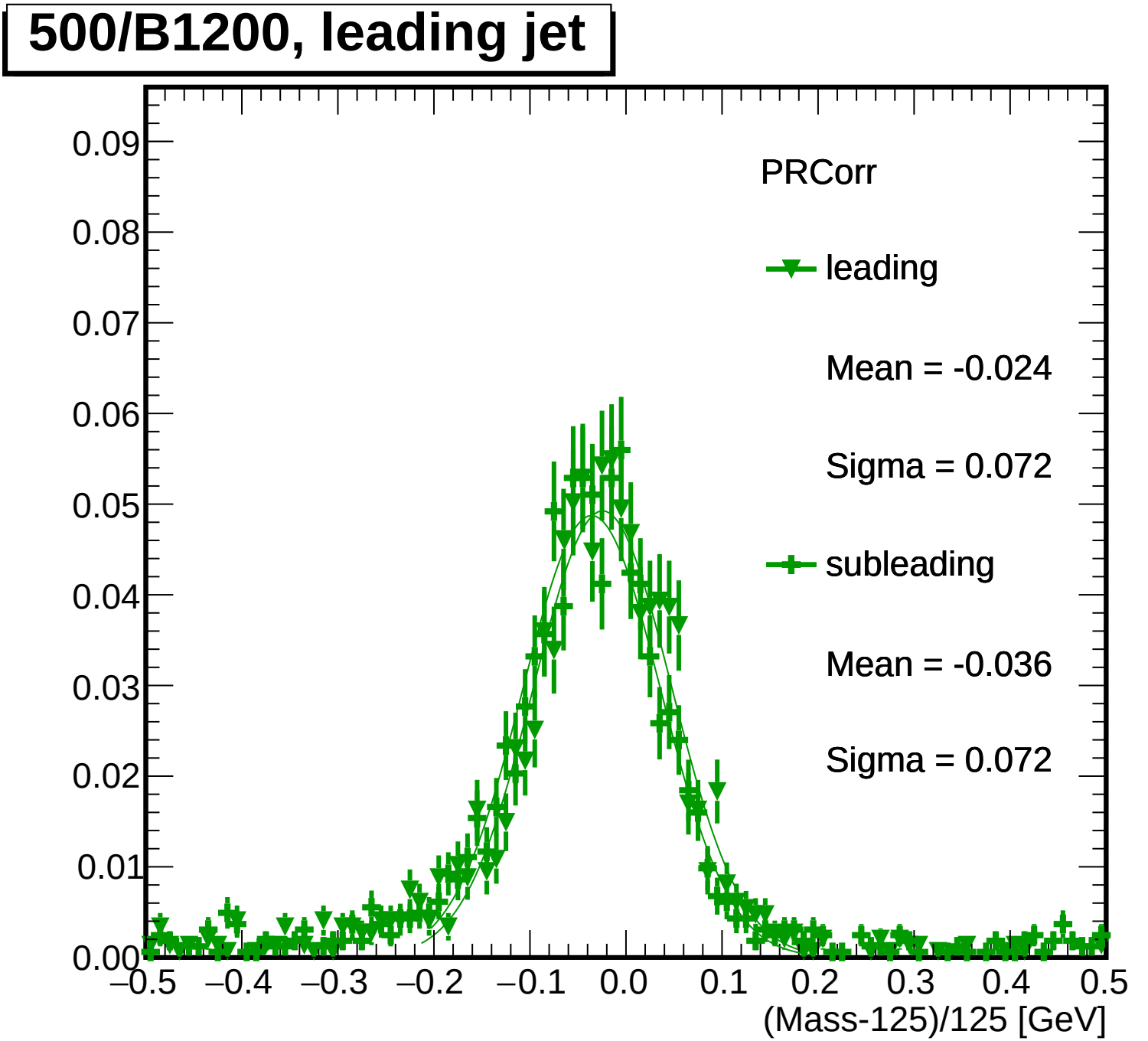

500/B1200, both jets
PR
PRCorr
AK8SD
AK8SDCorrTheta
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

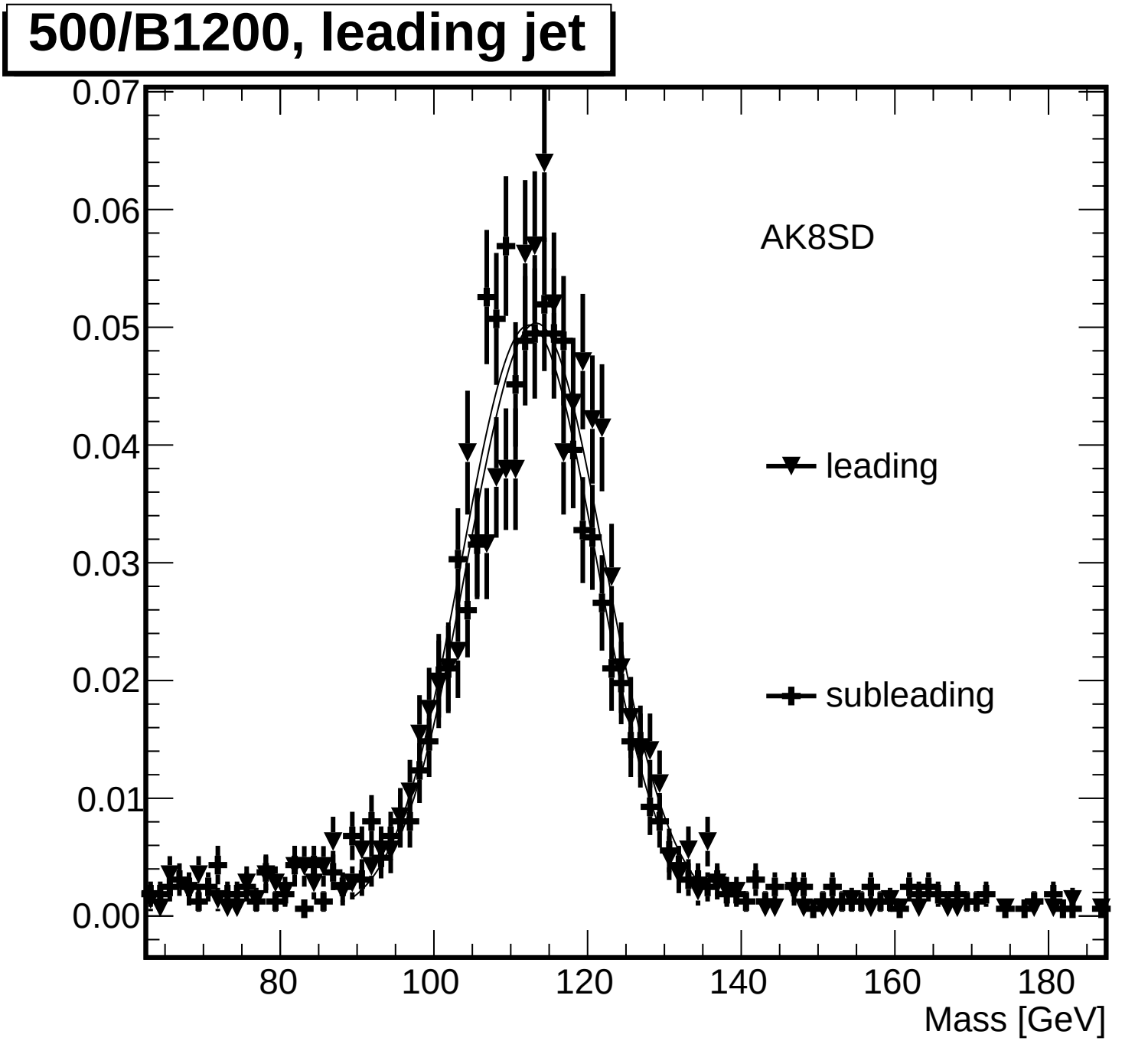

500/B1200, both jets
PR
Mean = -0.096
Sigma = 0.070
PRCorr
Mean = -0.031
Sigma = 0.073
AK8SD
Mean = -0.097
Sigma = 0.072
AK8SDCorrThea
Mean = -0.039
Sigma = 0.076
AK8SDHCorr
Mean = -0.002
Sigma = 0.078
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

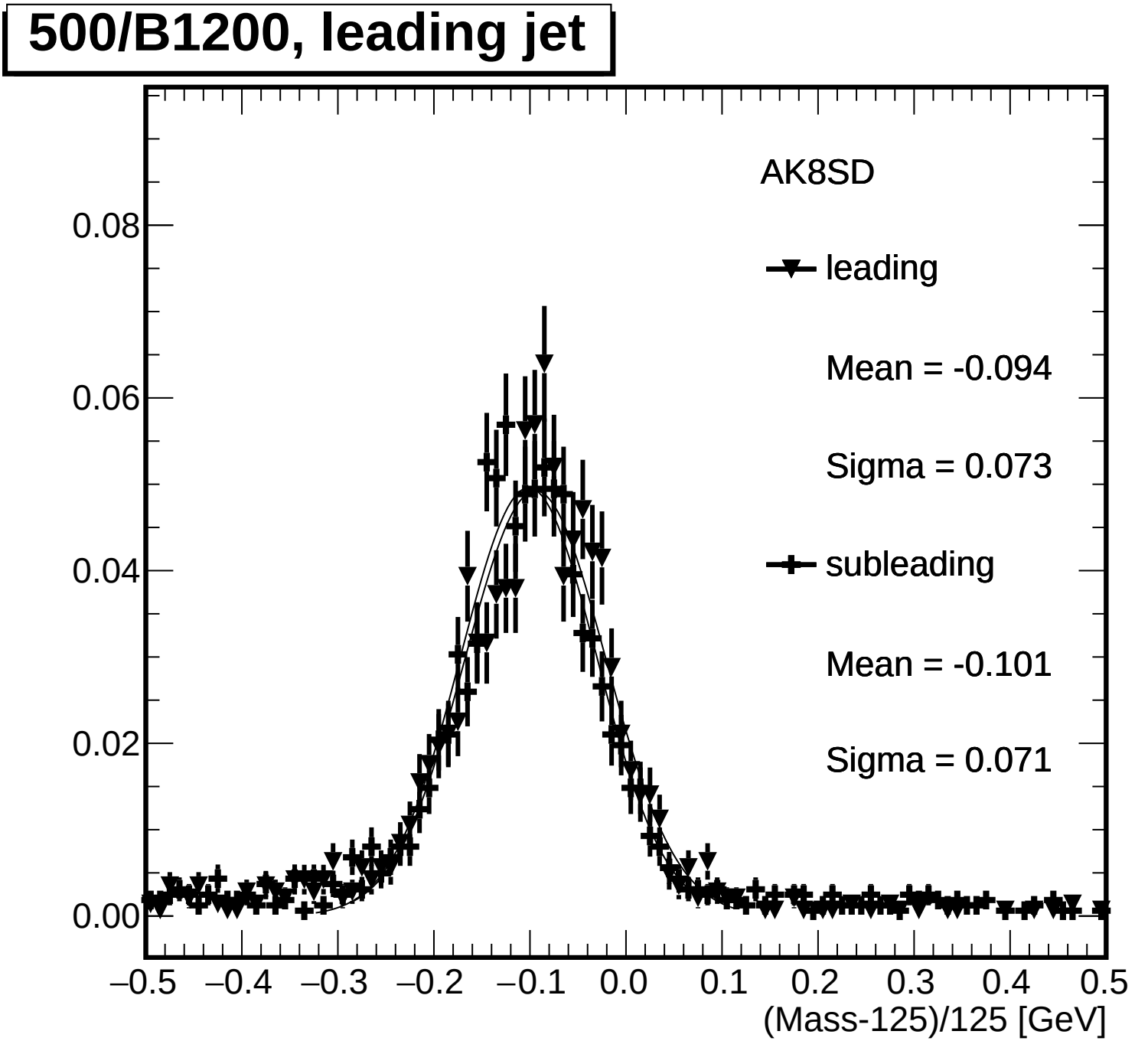

500/B1200, leading jet
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

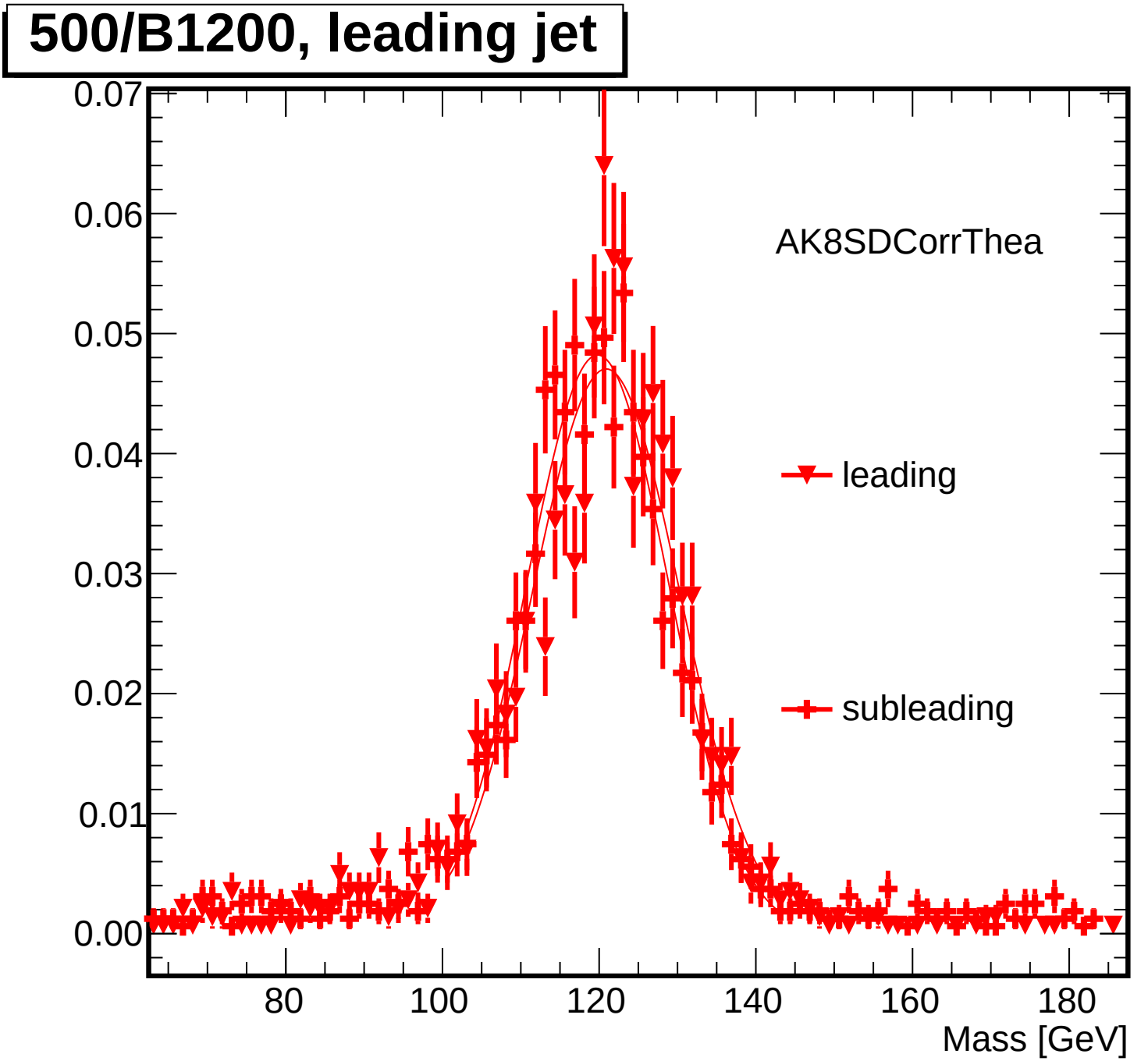

500/B1200, leading jet
PR
leading
Mean = -0.090
Sigma = 0.070
subleading
Mean = -0.102
Sigma = 0.068
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

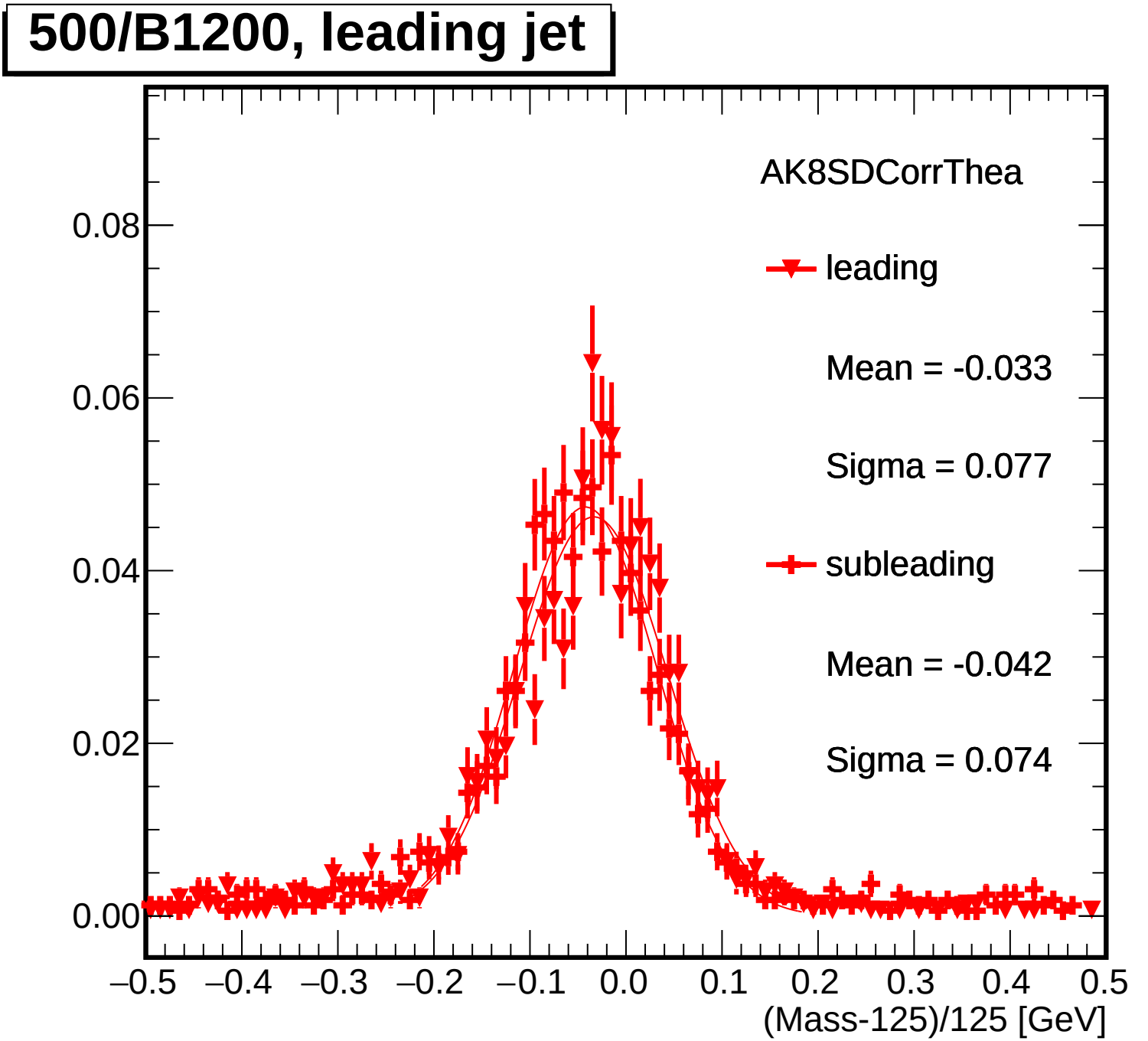

500/B1200, leading jet
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

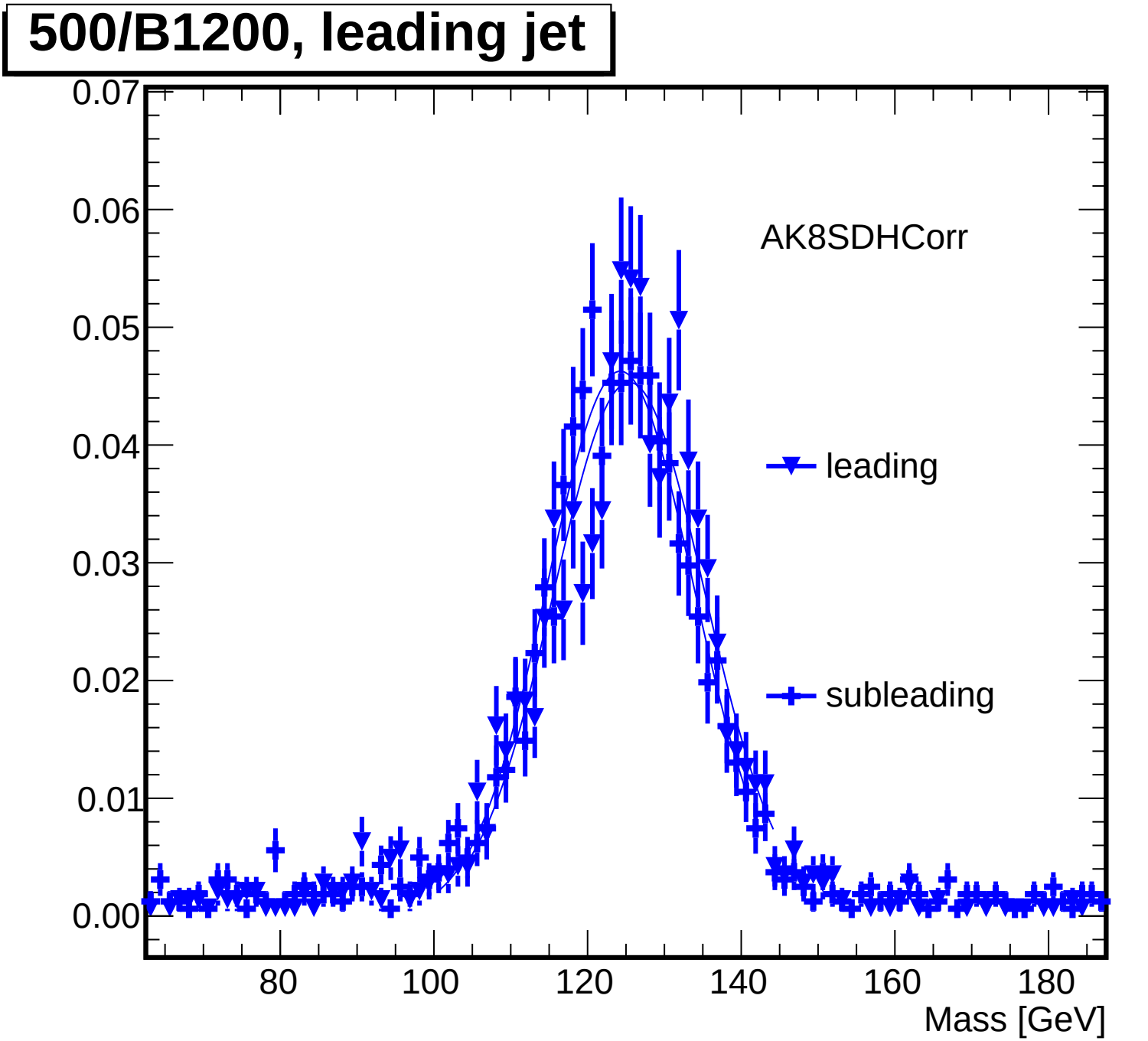

500/B1200, leading jet
PRCorr
leading
Mean = -0.024
Sigma = 0.072
subleading
Mean = -0.036
Sigma = 0.072
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

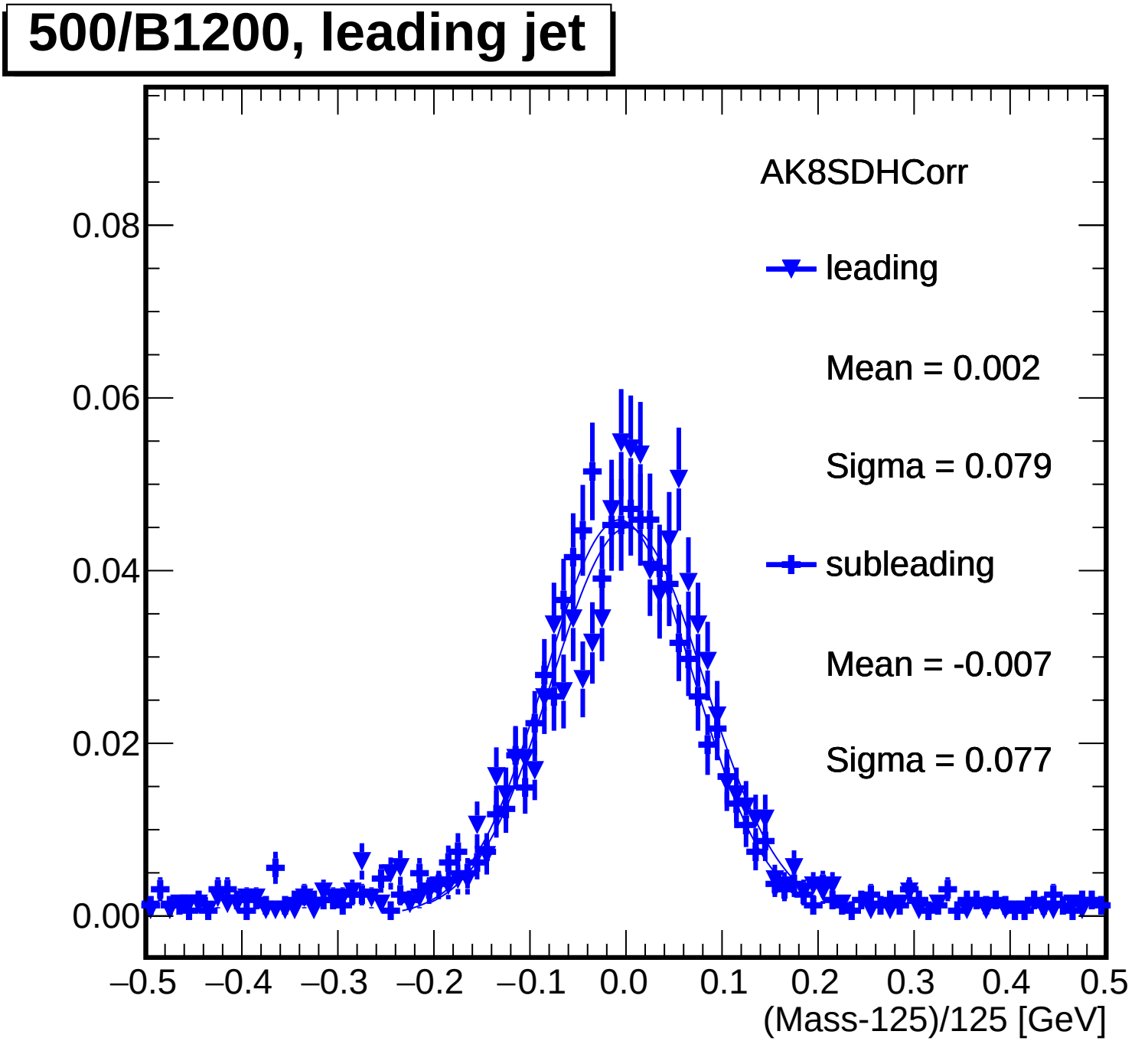

500/B1200, leading jet
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
AK8SD
leading
subleading
80
100
120
140
160
180
Mass [GeV]


500/B1200, leading jet
AK8SD
leading
Mean = -0.094
Sigma = 0.073
subleading
Mean = -0.101
Sigma = 0.071
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/B1200, leading jet
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


500/B1200, leading jet
AK8SDCorrThea
leading
Mean = -0.033
Sigma = 0.077
subleading
Mean = -0.042
Sigma = 0.074
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/B1200, leading jet
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
AK8SDHCorr
leading
subleading
80
100
120
140
160
180
Mass [GeV]


500/B1200, leading jet
AK8SDHCorr
leading
Mean = 0.002
Sigma = 0.079
subleading
Mean = -0.007
Sigma = 0.077
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]