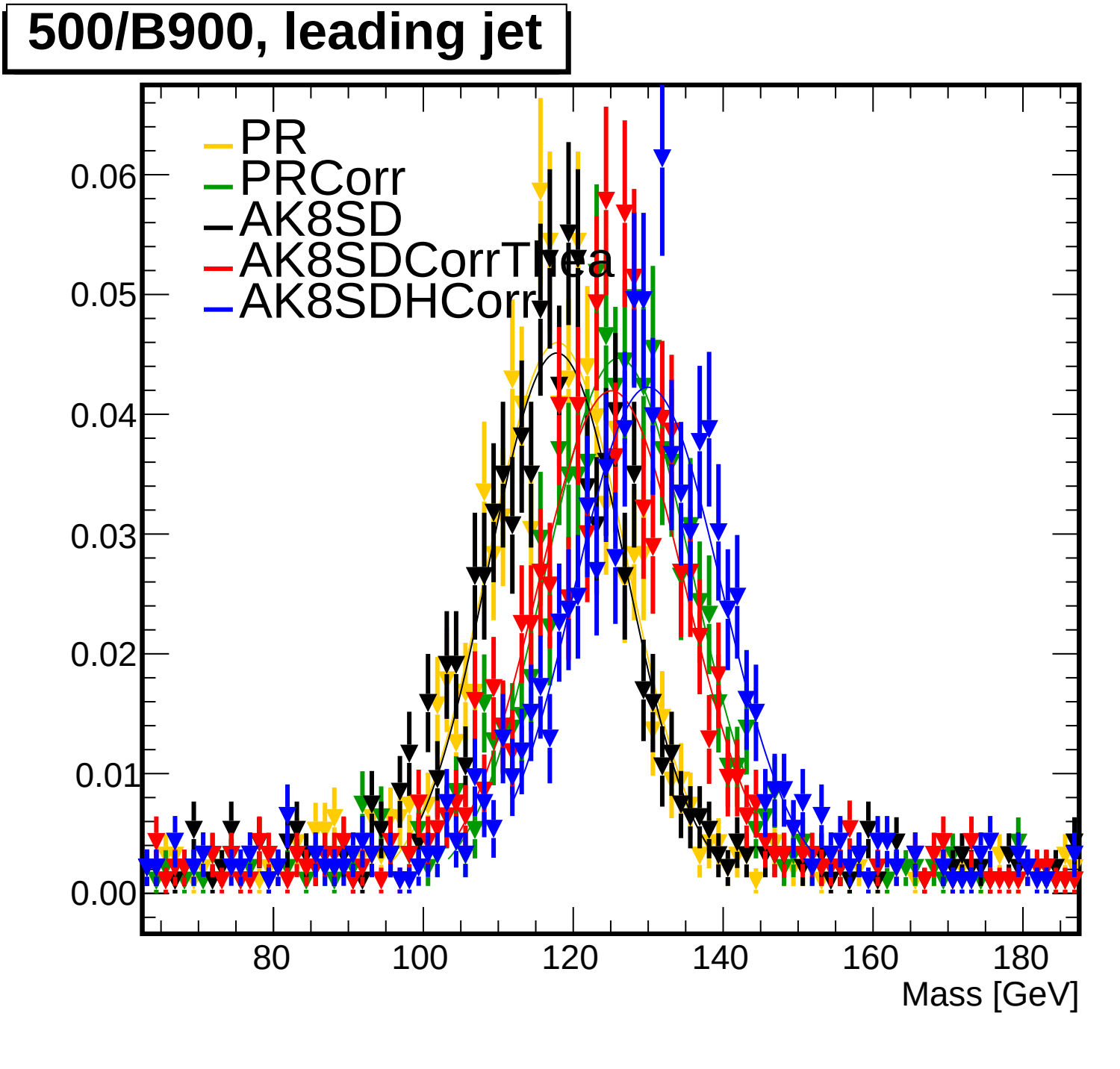
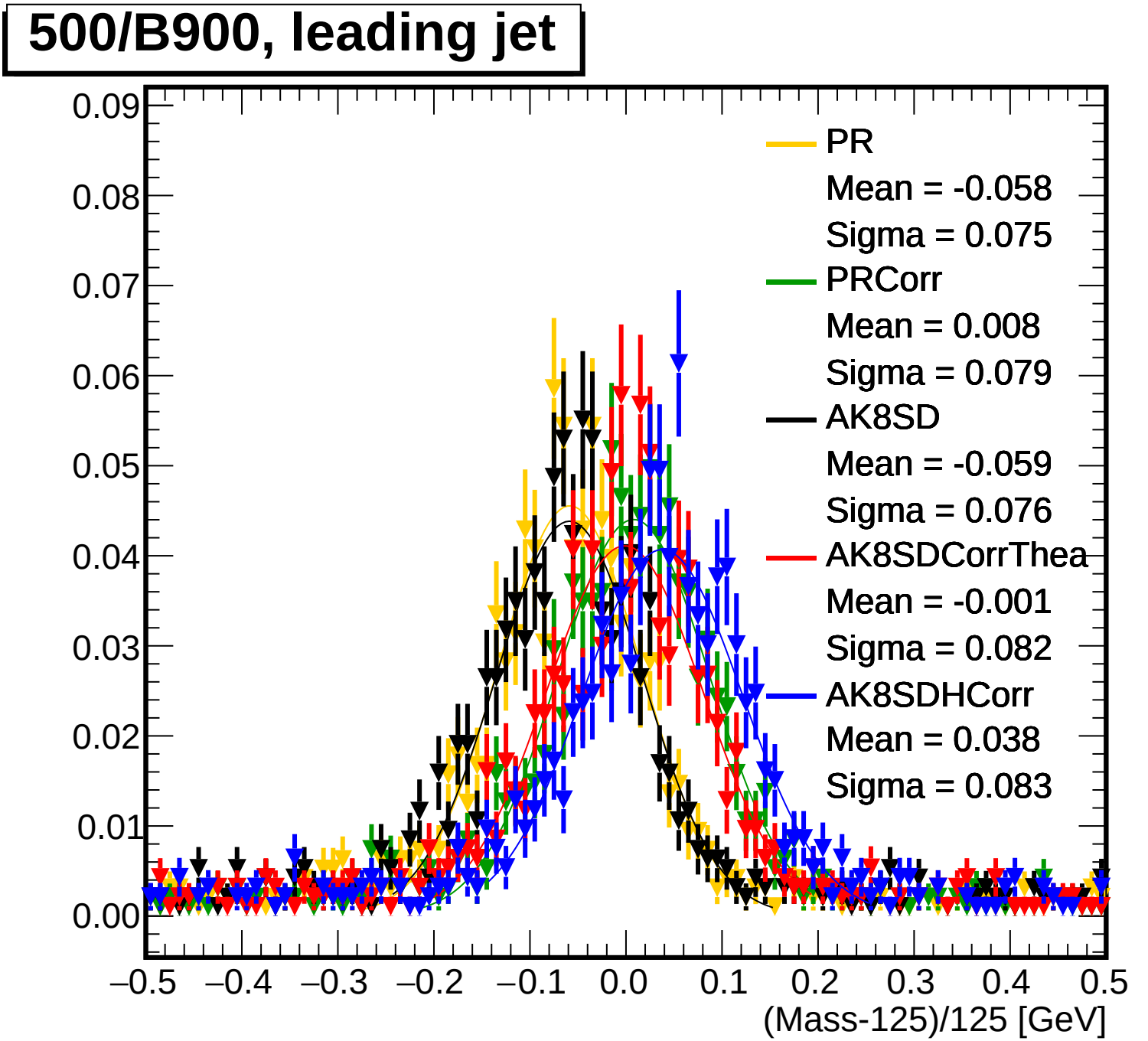
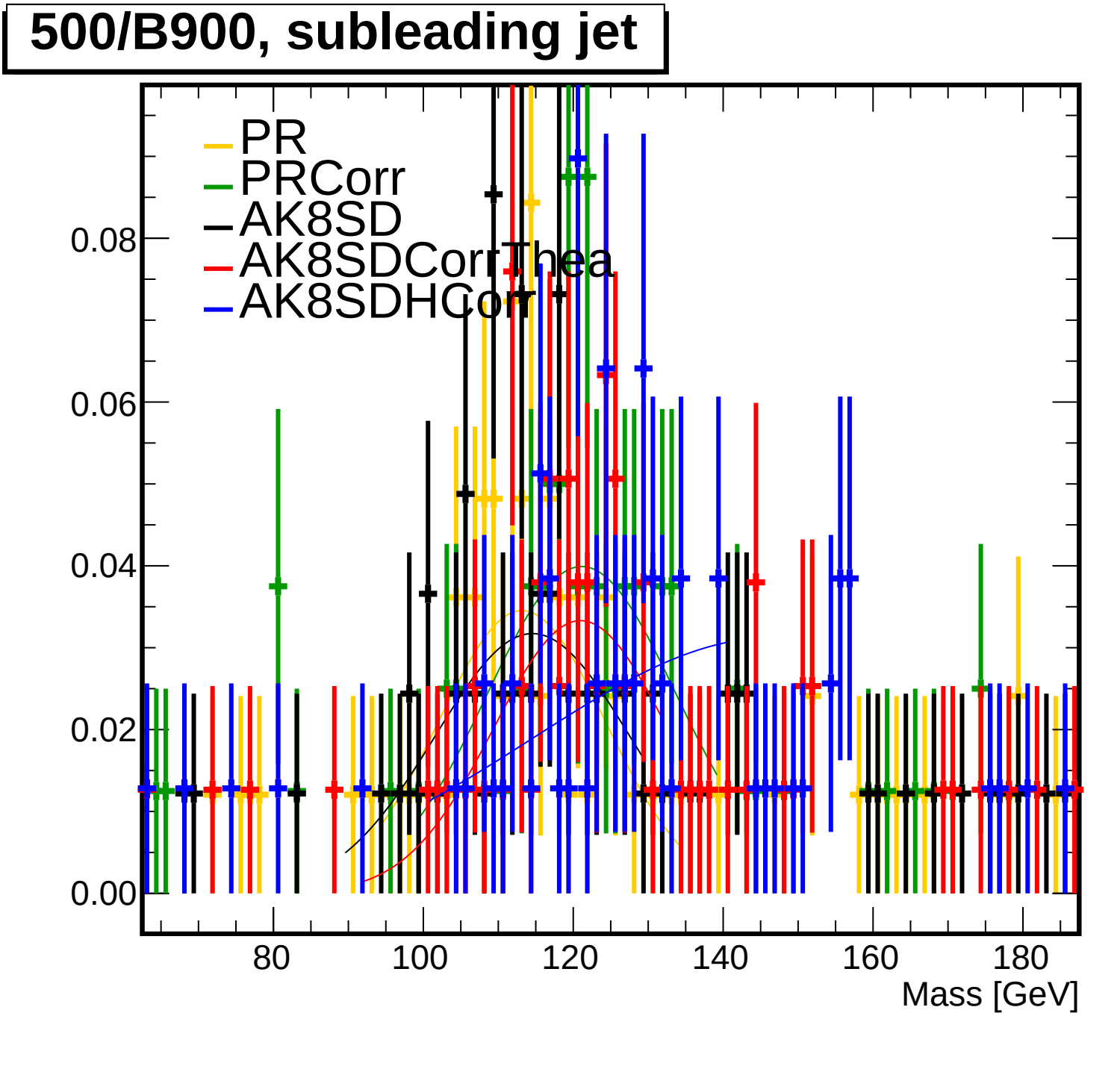
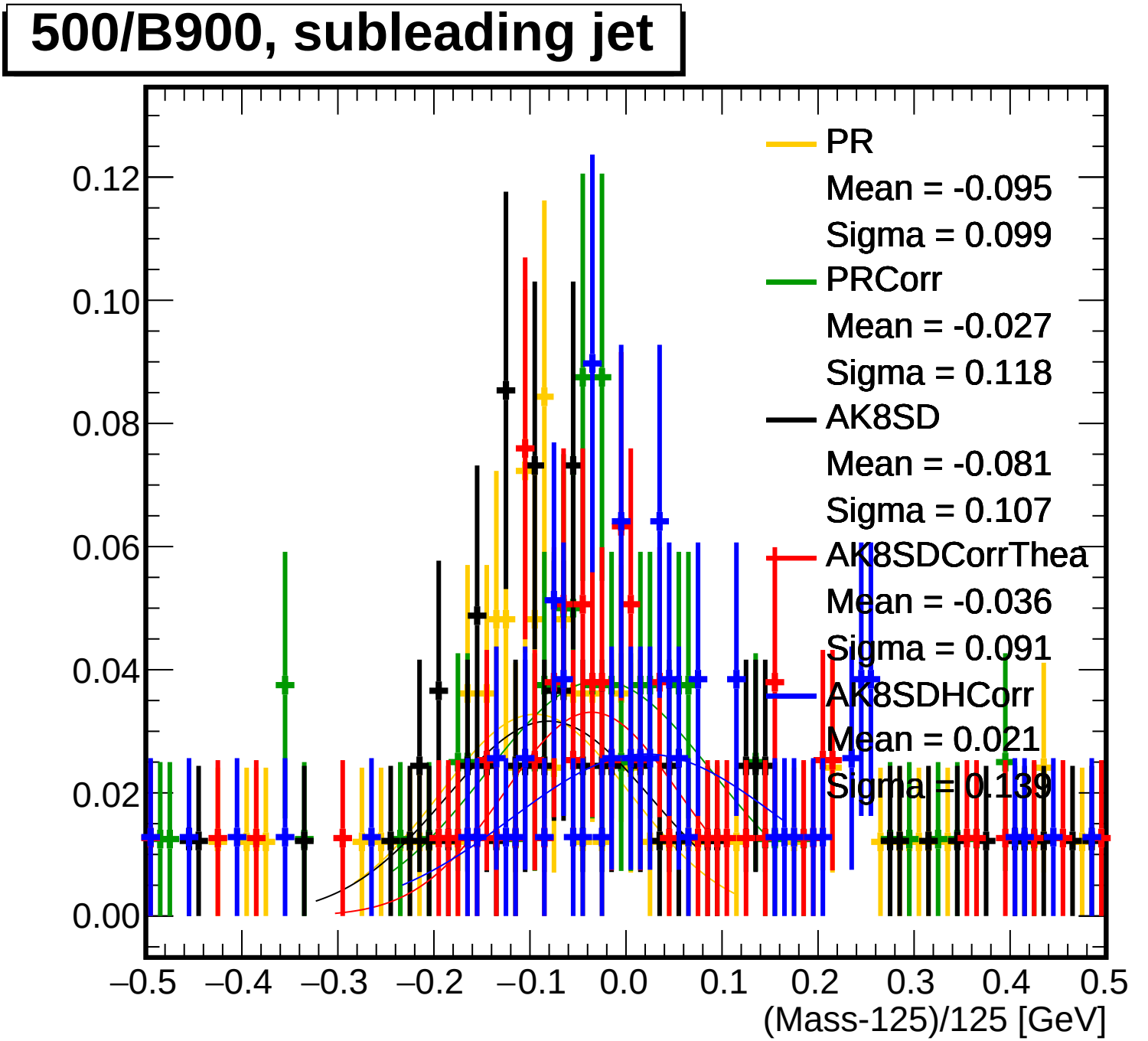
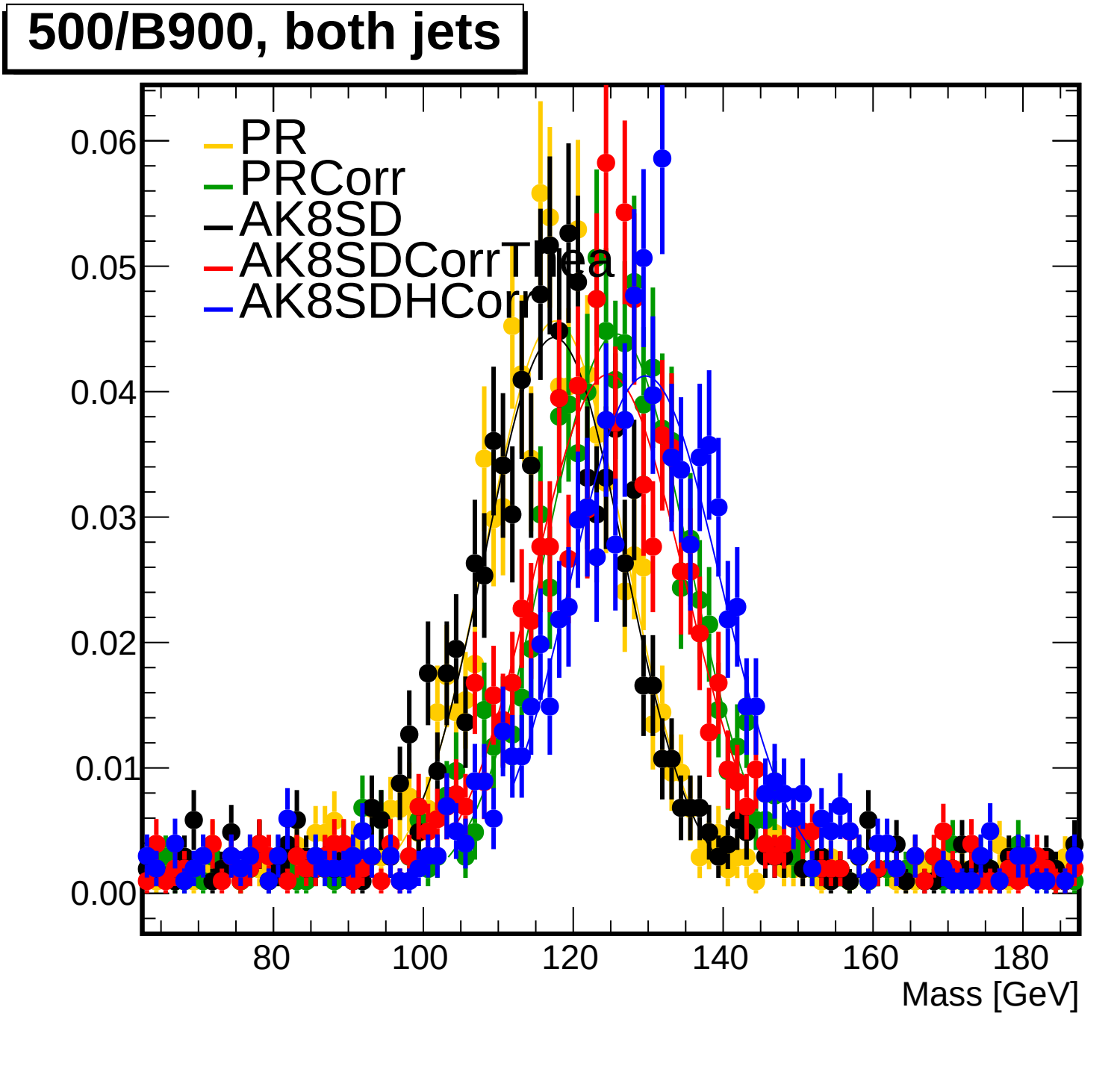
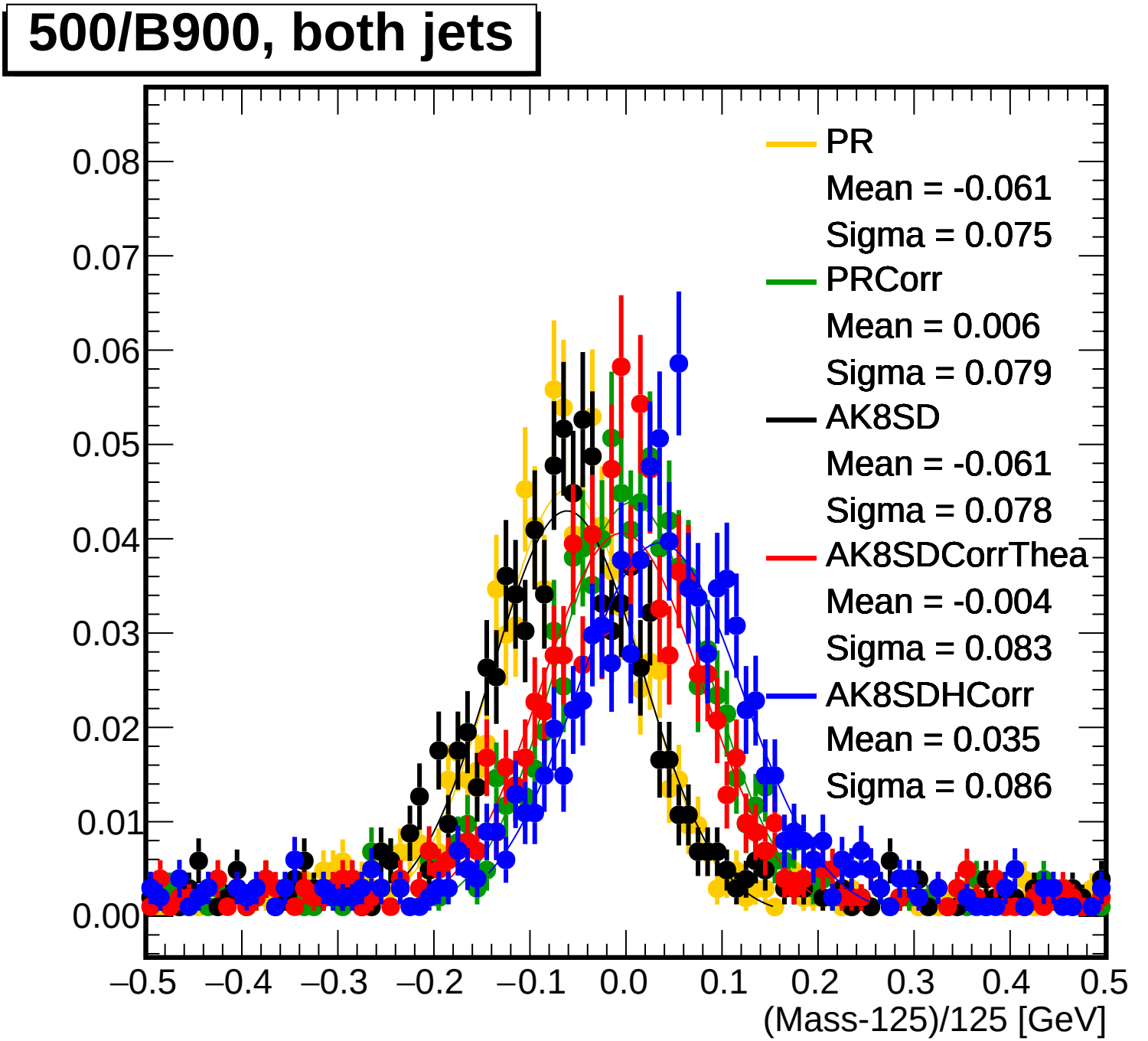

500/B900, leading jet
PR
PRCorr
AK8SD
AK8SDCorrTrea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

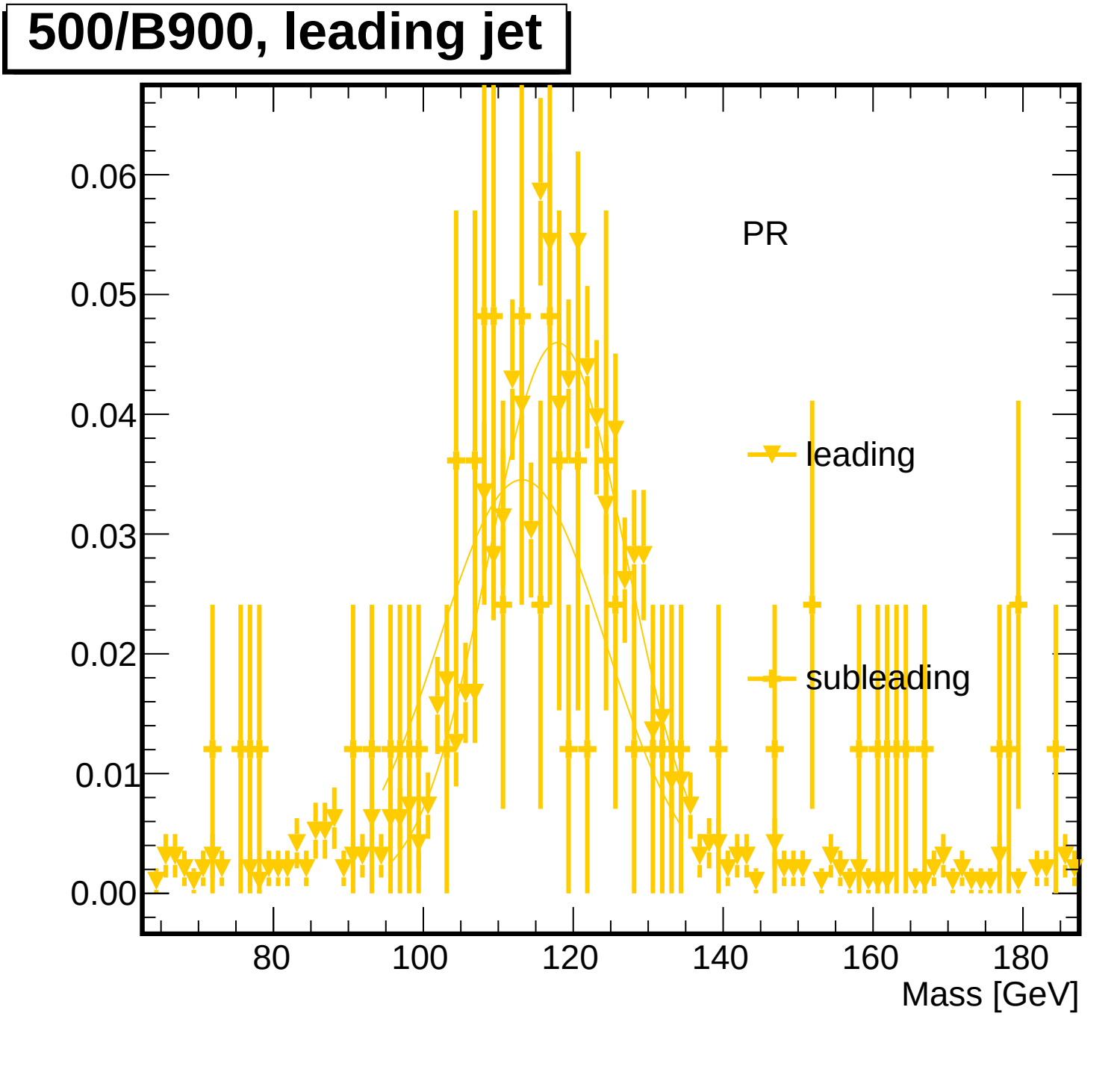

500/B900, leading jet
PR
Mean = -0.058
Sigma = 0.075
PRCorr
Mean = 0.008
Sigma = 0.079
AK8SD
Mean = -0.059
Sigma = 0.076
AK8SDCorrThea
Mean = -0.001
Sigma = 0.082
AK8SDHCorr
Mean = 0.038
Sigma = 0.083
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

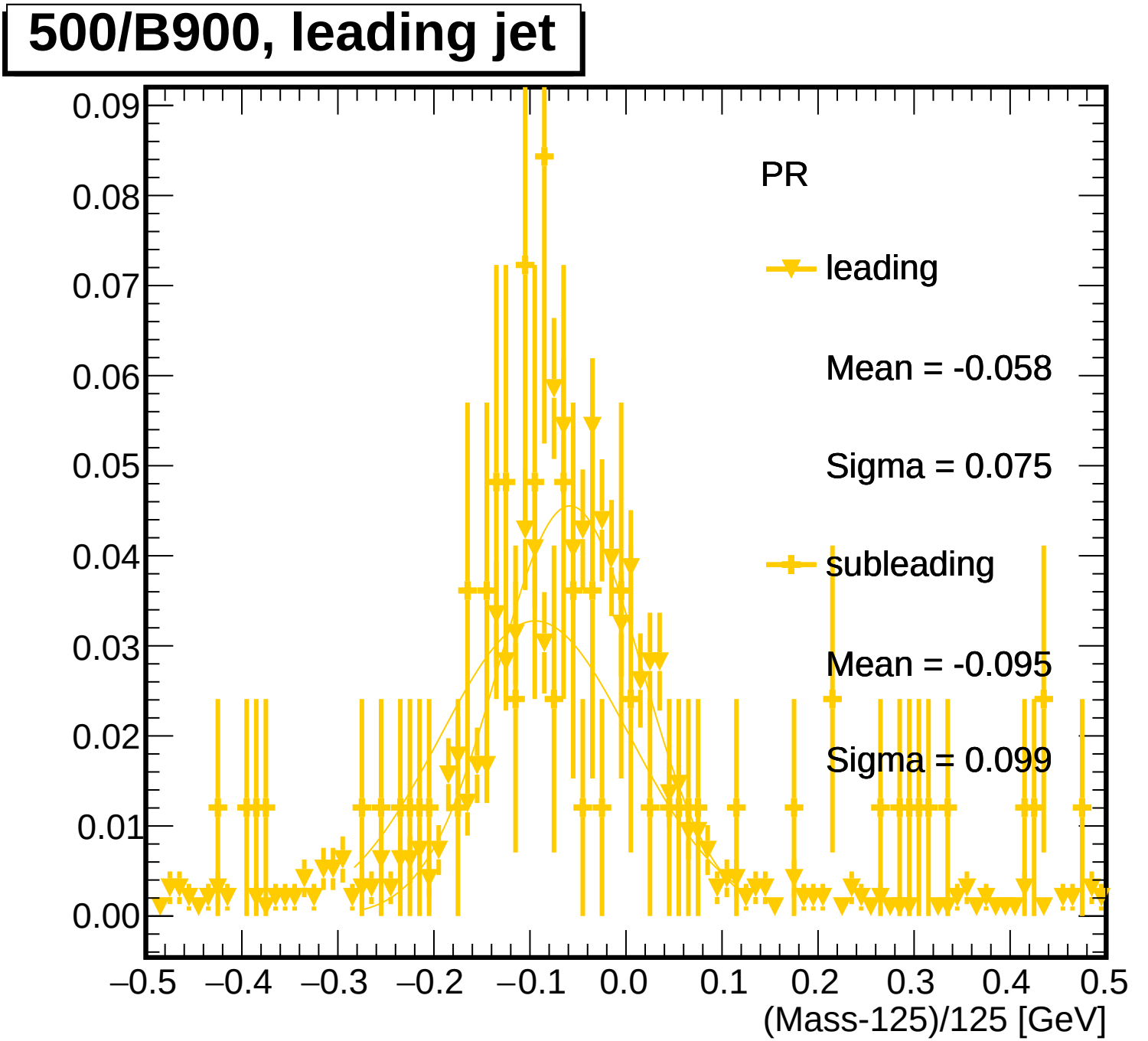

500/B900, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

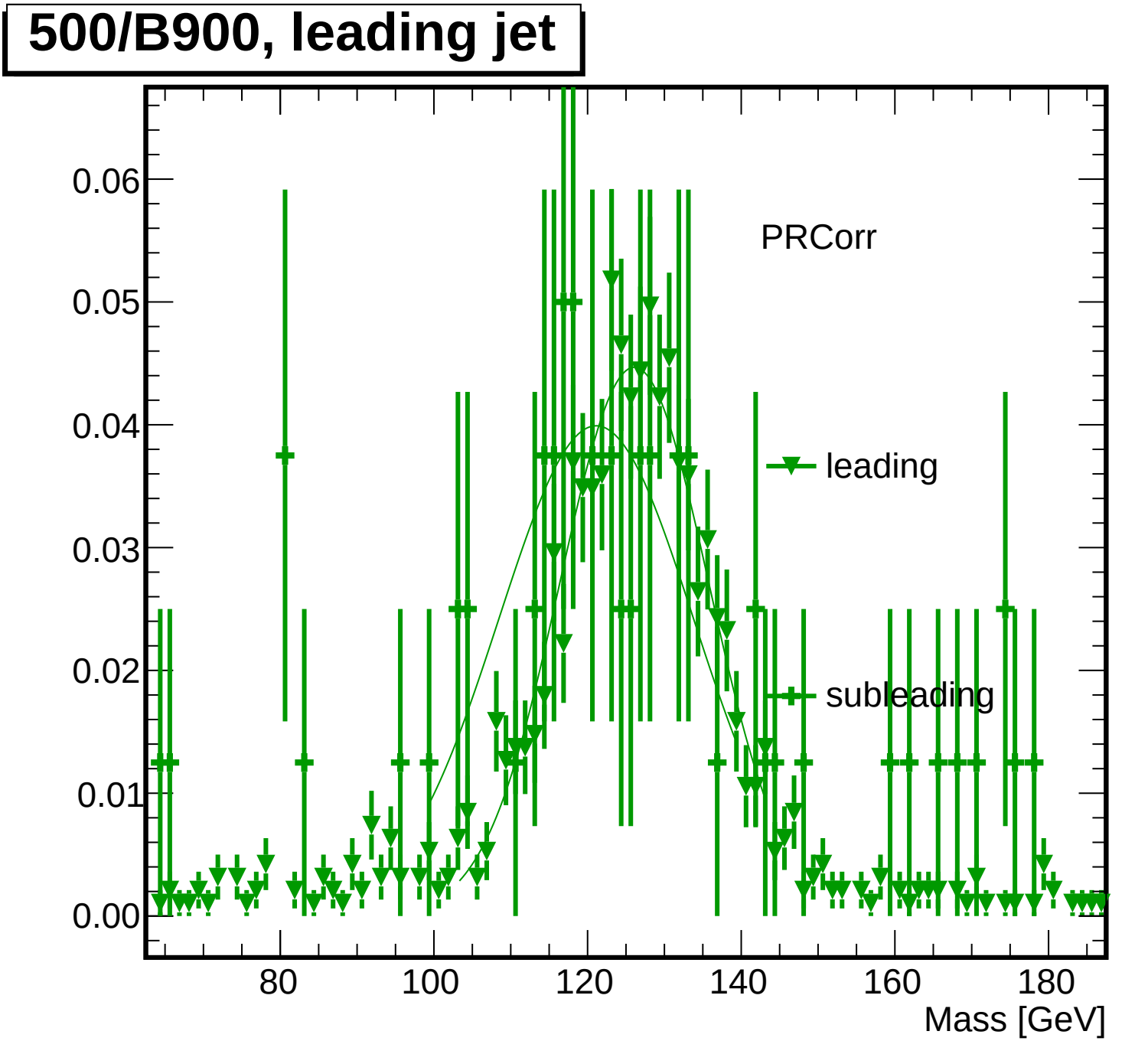

500/B900, subleading jet
PR
Mean = -0.095
Sigma = 0.099
PRCorr
Mean = -0.027
Sigma = 0.118
AK8SD
Mean = -0.081
Sigma = 0.107
AK8SDCorrThea
Mean = -0.036
Sigma = 0.091
AK8SDHCorr
Mean = 0.021
Sigma = 0.139
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

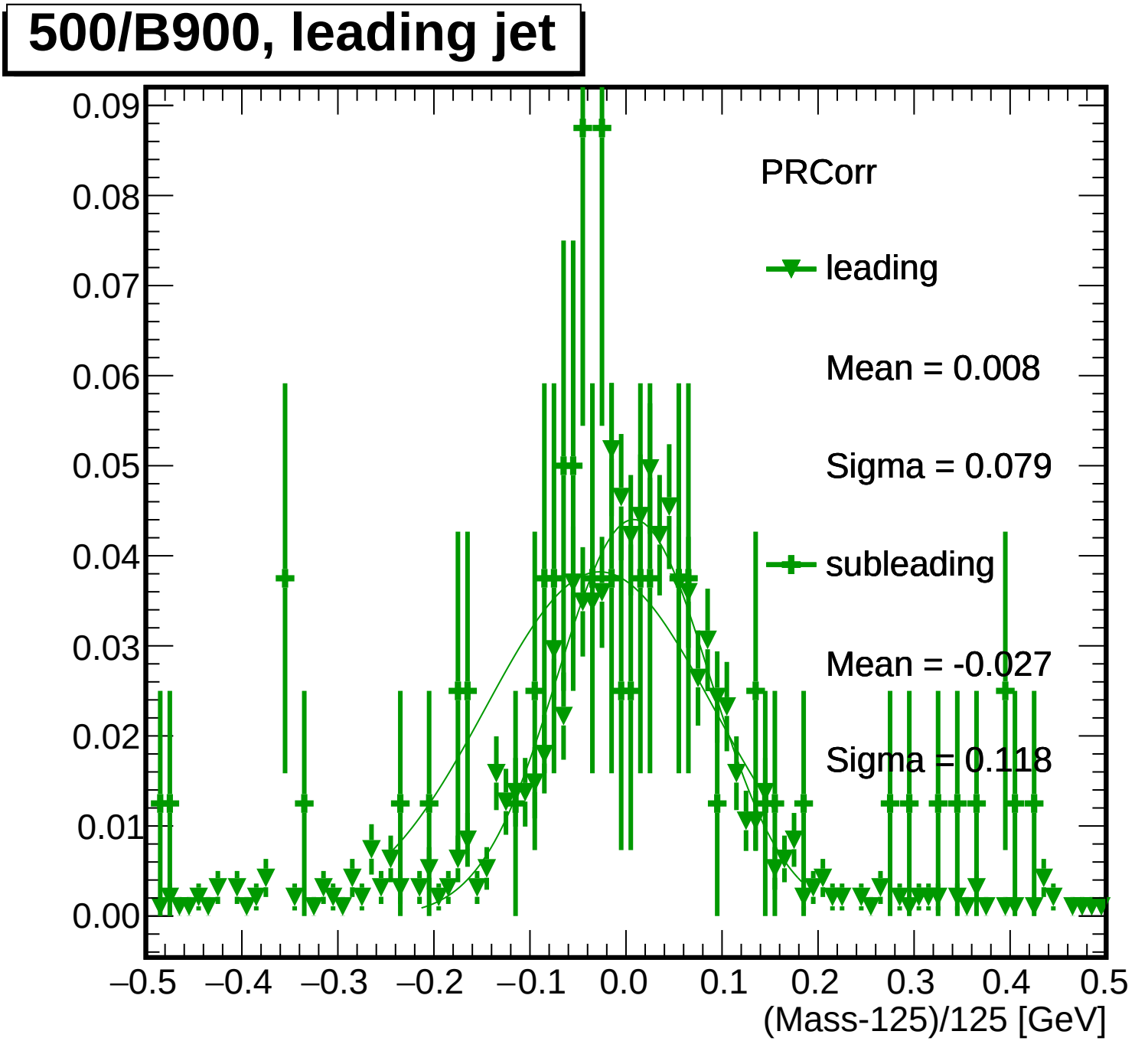

500/B900, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

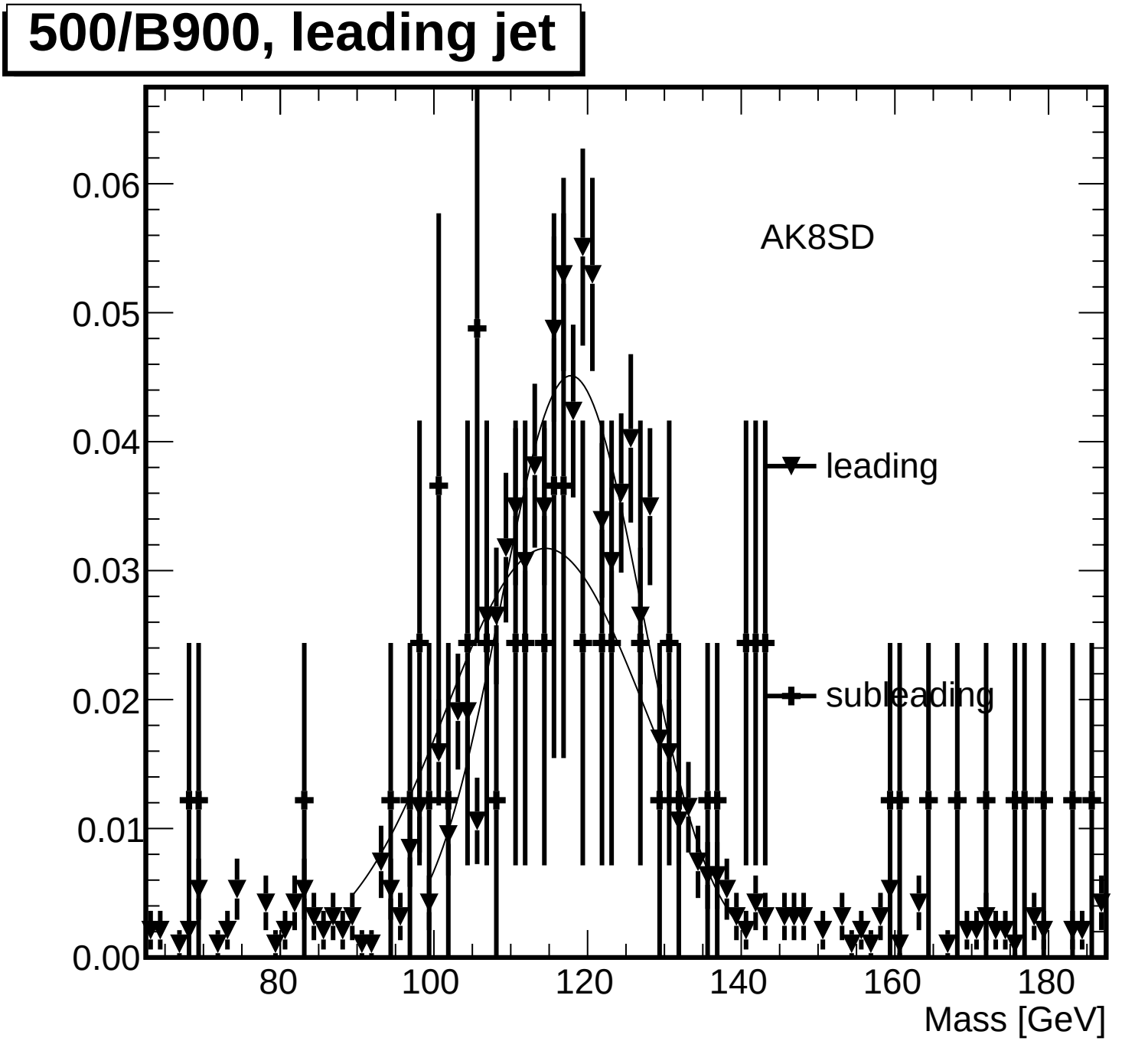

500/B900, both jets
PR
Mean = -0.061
Sigma = 0.075
PRCorr
Mean = 0.006
Sigma = 0.079
AK8SD
Mean = -0.061
Sigma = 0.078
AK8SDCorrThea
Mean = -0.004
Sigma = 0.083
AK8SDHCorr
Mean = 0.035
Sigma = 0.086
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

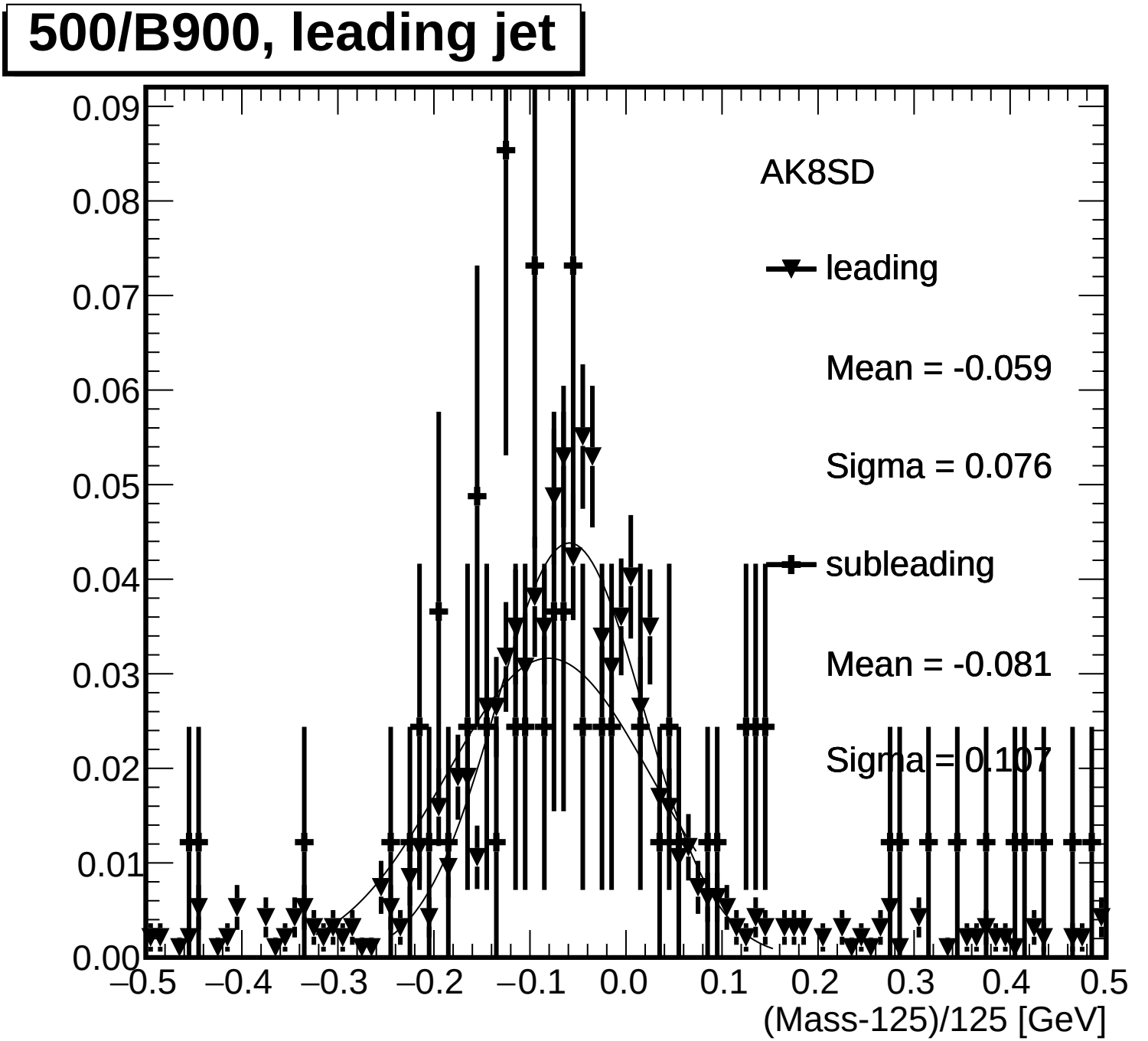

500/B900, leading jet
PR
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

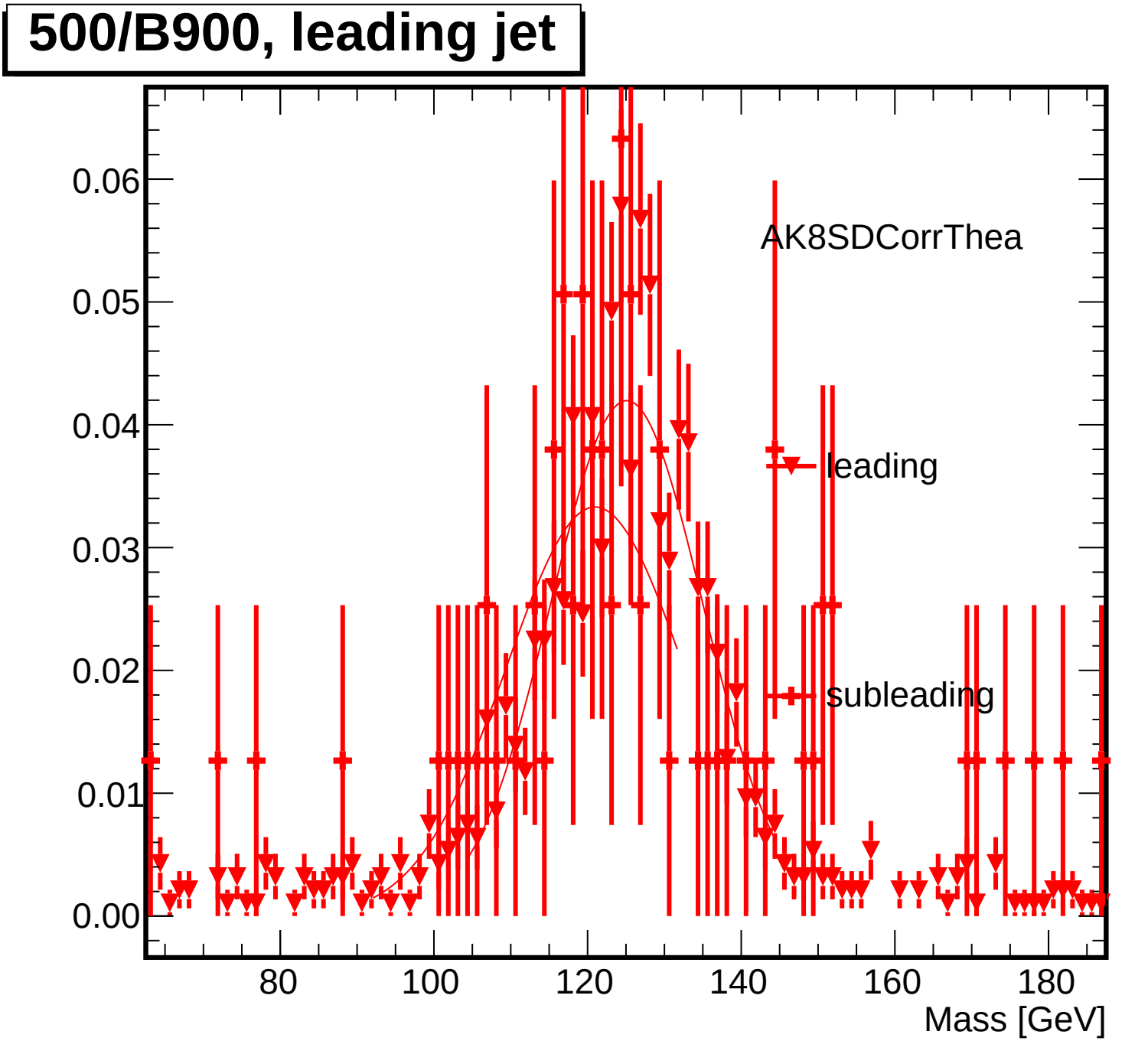

500/B900, leading jet
PR
leading
Mean = -0.058
Sigma = 0.075
subleading
Mean = -0.095
Sigma = 0.099
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

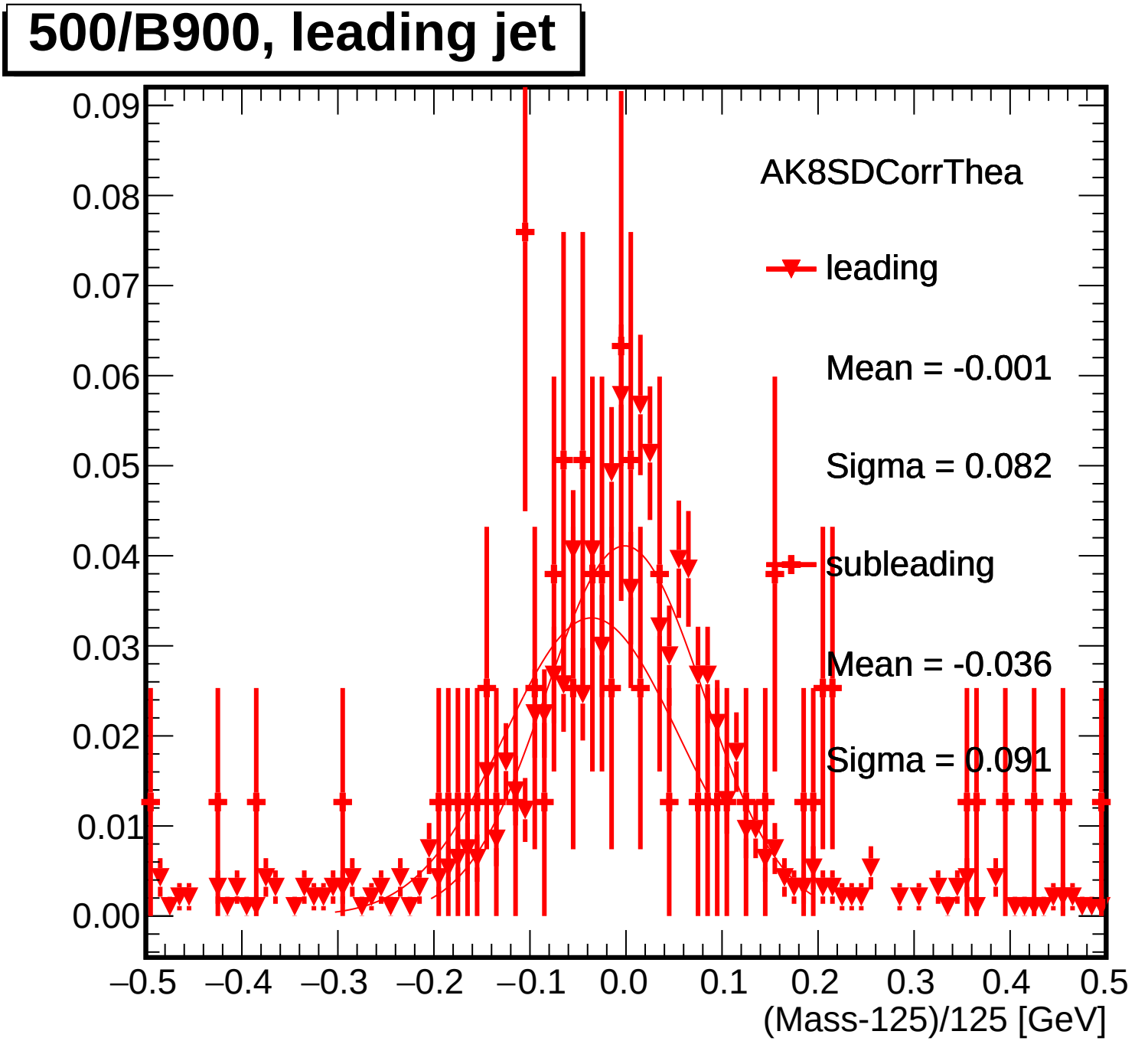

500/B900, leading jet
PRCorr
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

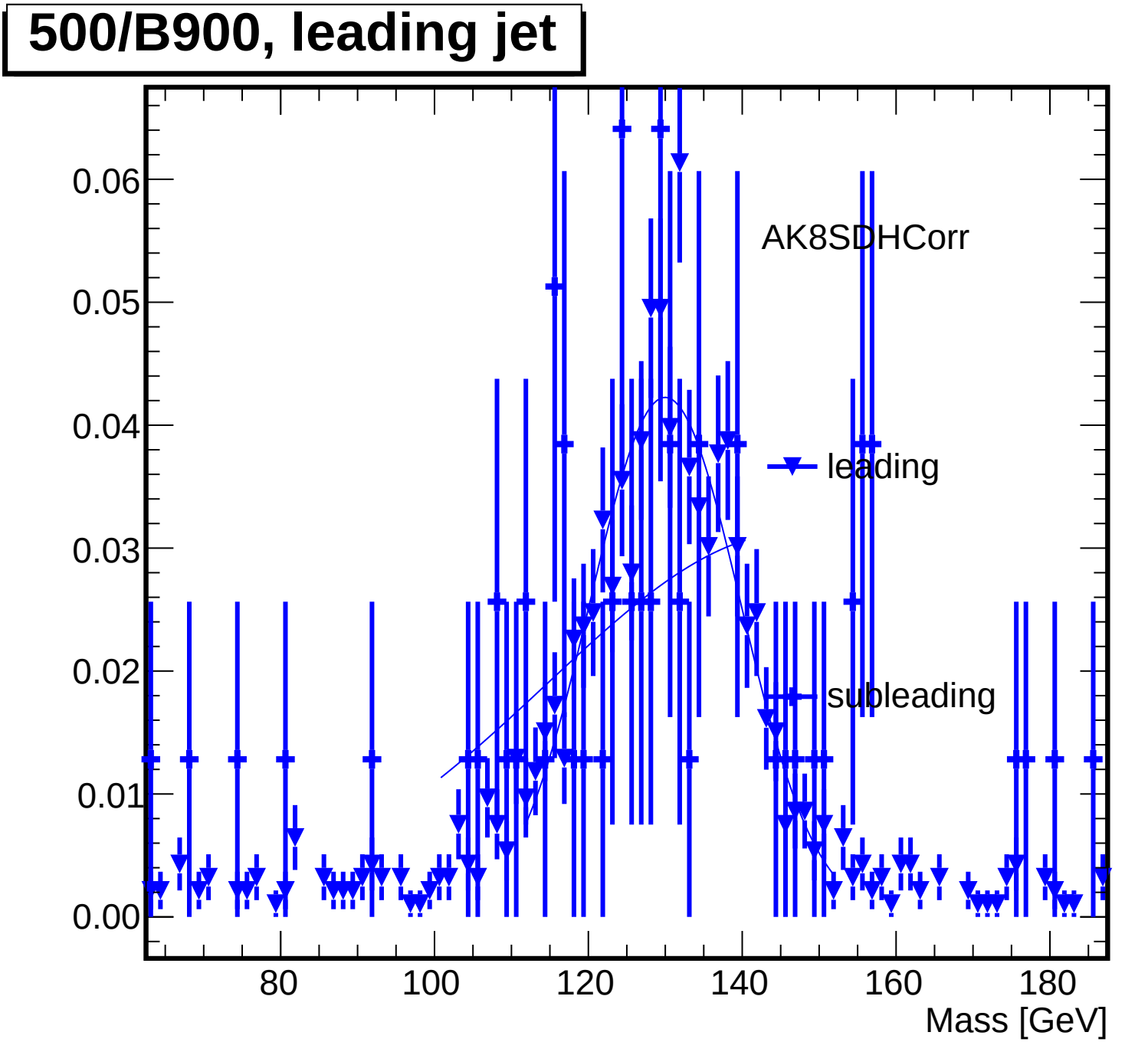

500/B900, leading jet
PRCorr
leading
Mean = 0.008
Sigma = 0.079
subleading
Mean = -0.027
Sigma = 0.118
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

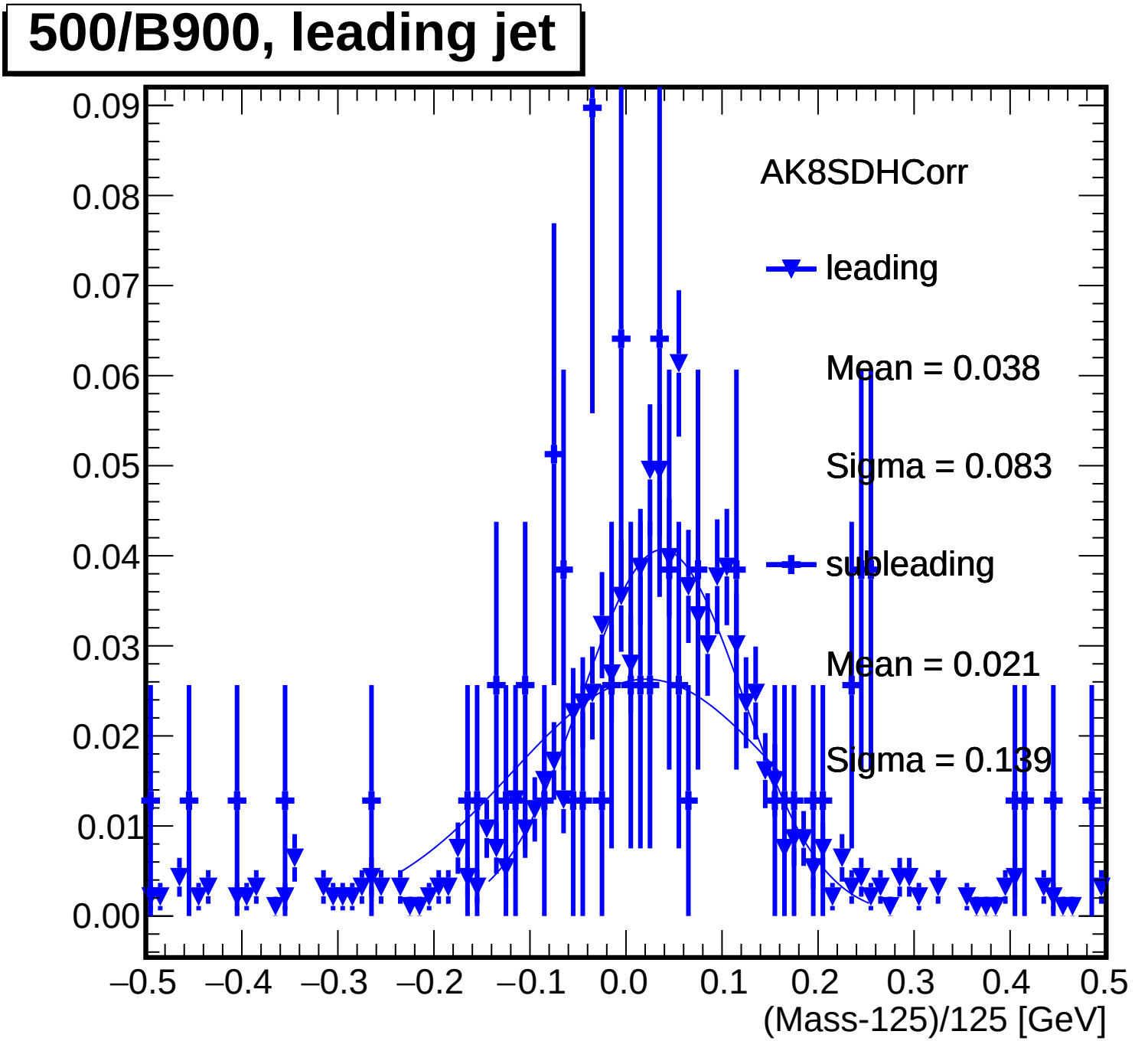

500/B900, leading jet
AK8SD
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B900, leading jet
AK8SD
leading
Mean = -0.059
Sigma = 0.076
subleading
Mean = -0.081
Sigma = 0.107
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/B900, leading jet
AK8SDCorrThea
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B900, leading jet
AK8SDCorrThea
leading
Mean = -0.001
Sigma = 0.082
subleading
Mean = -0.036
Sigma = 0.091
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/B900, leading jet
AK8SDHCorr
leading
subleading
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B900, leading jet
AK8SDHCorr
leading
Mean = 0.038
Sigma = 0.083
subleading
Mean = 0.021
Sigma = 0.139
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]