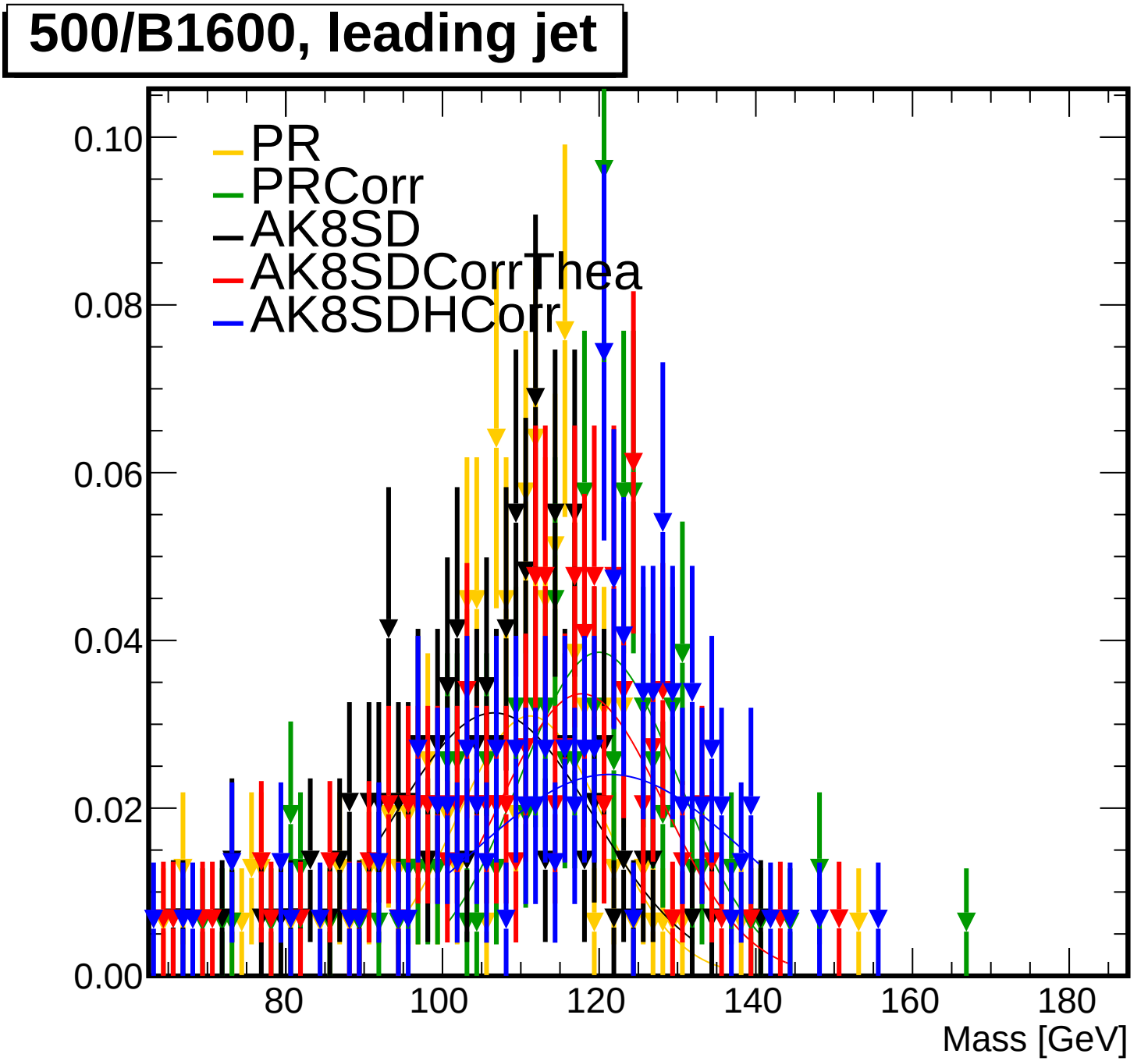
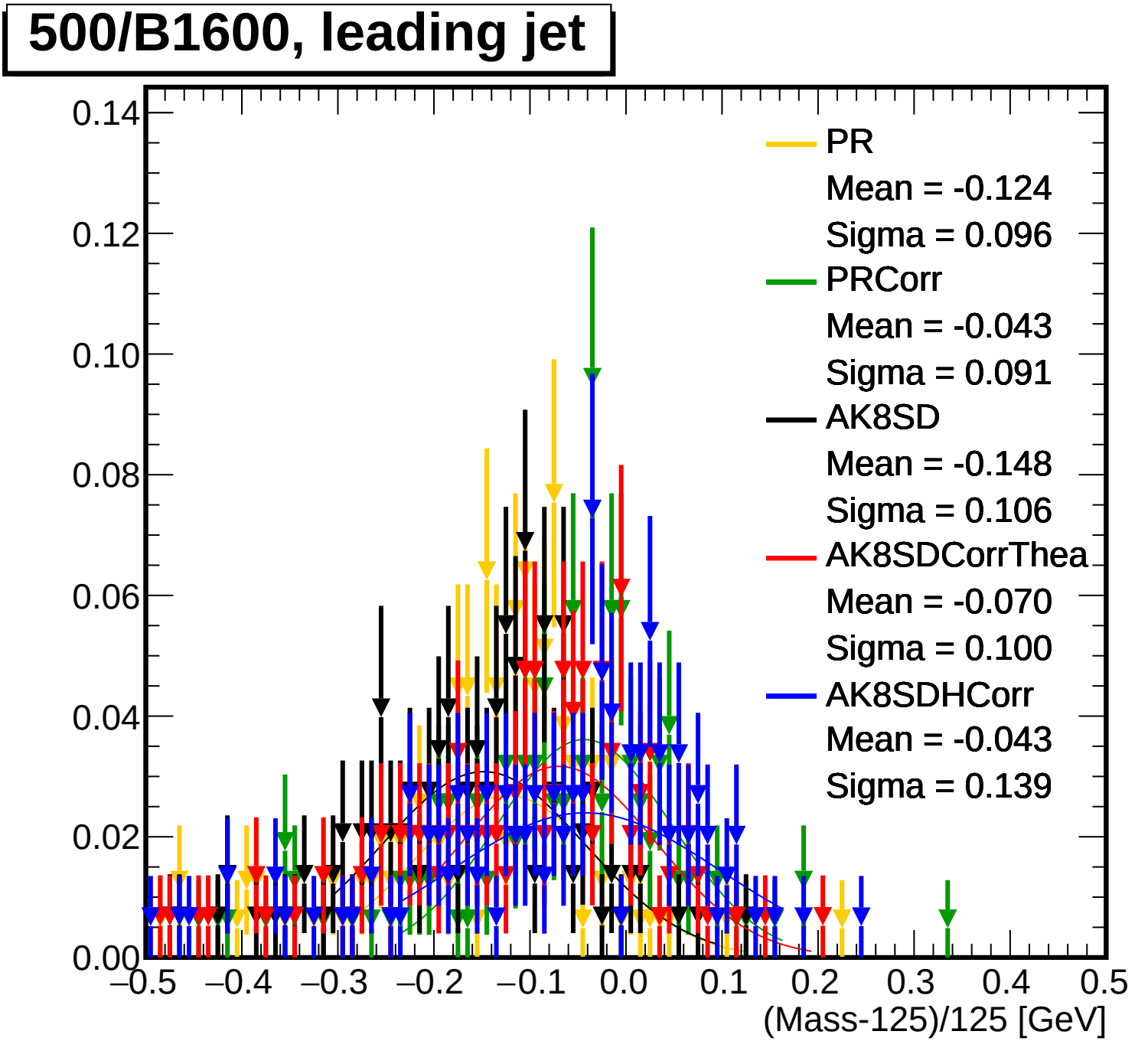
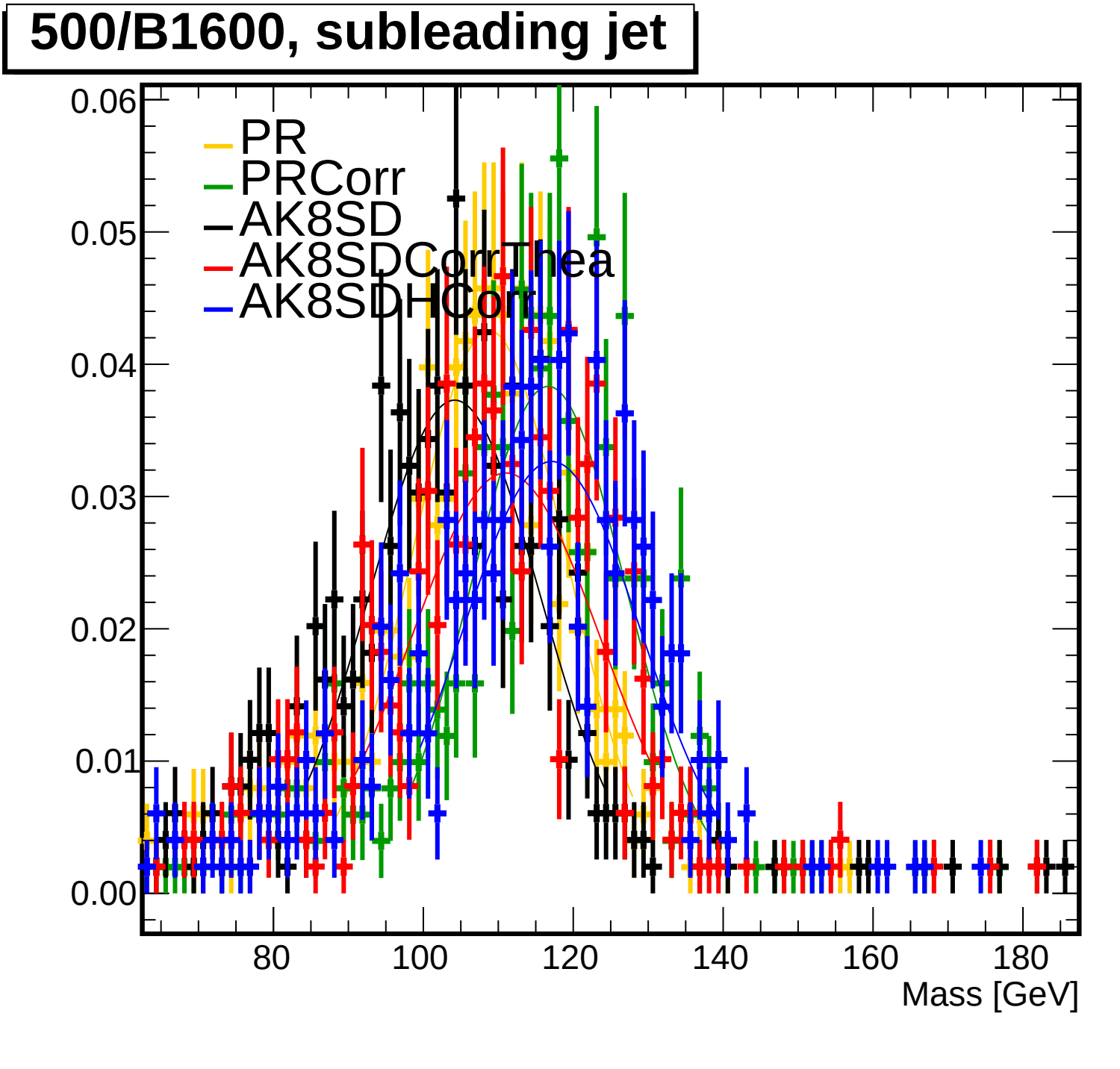
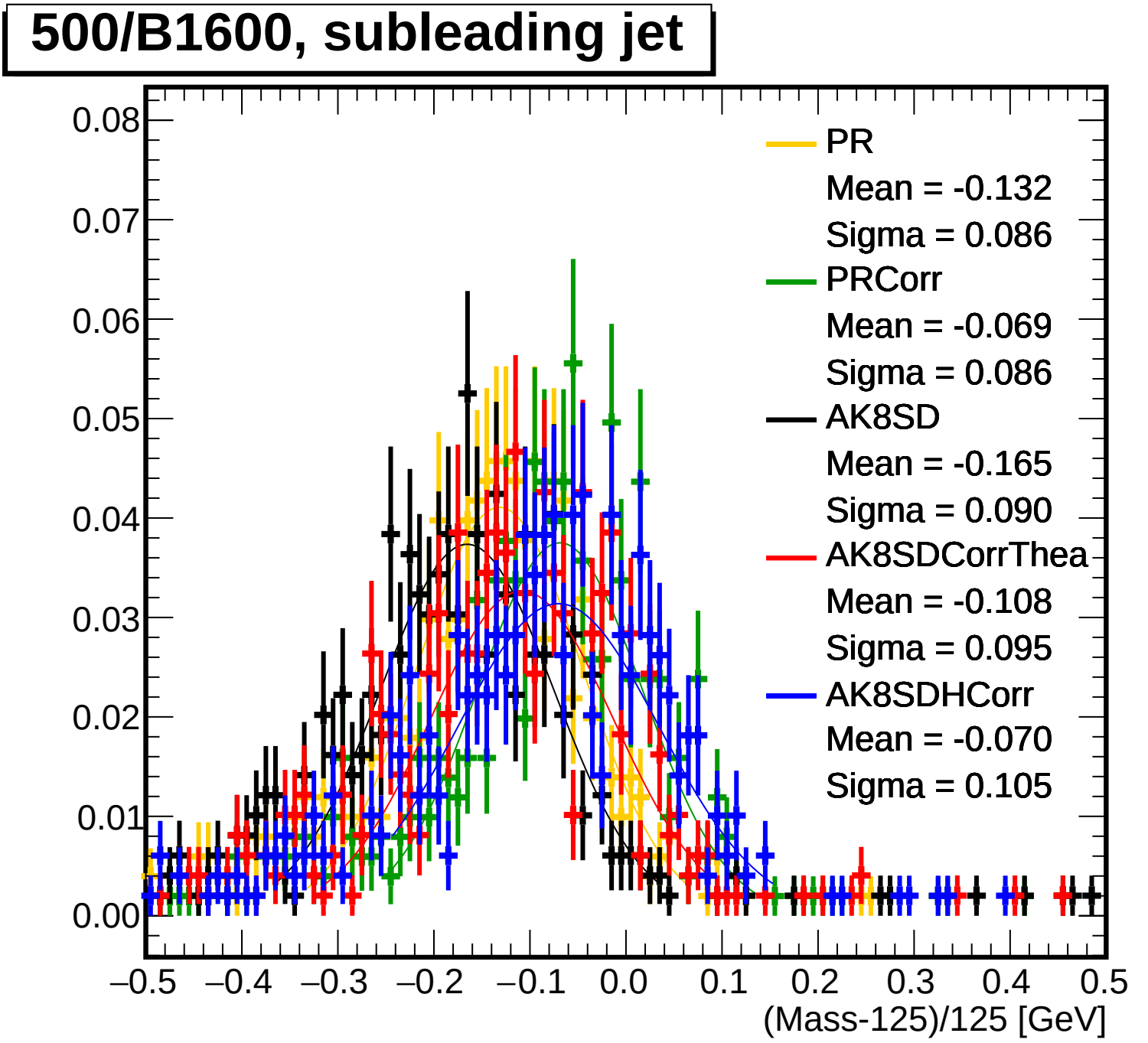
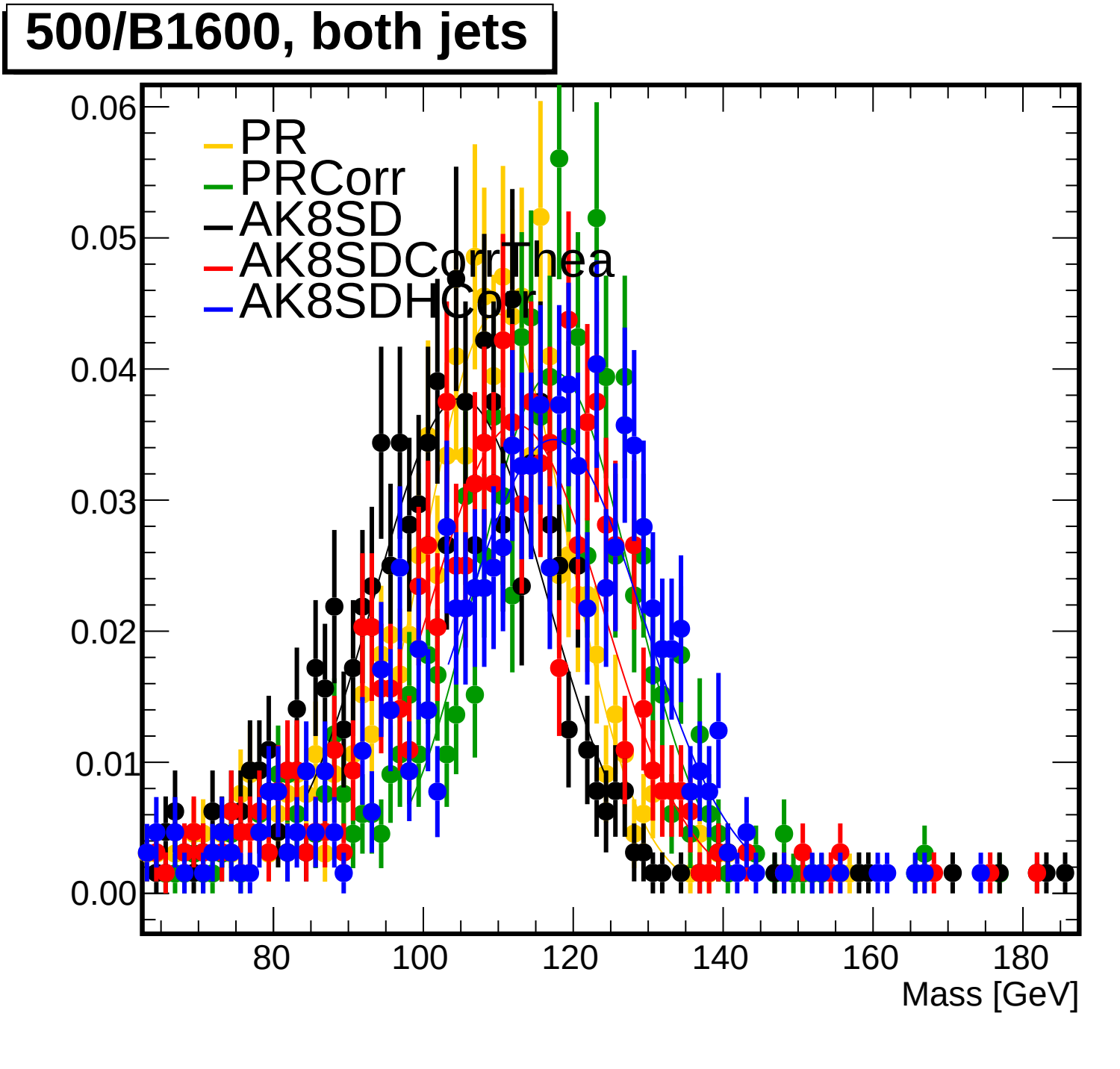
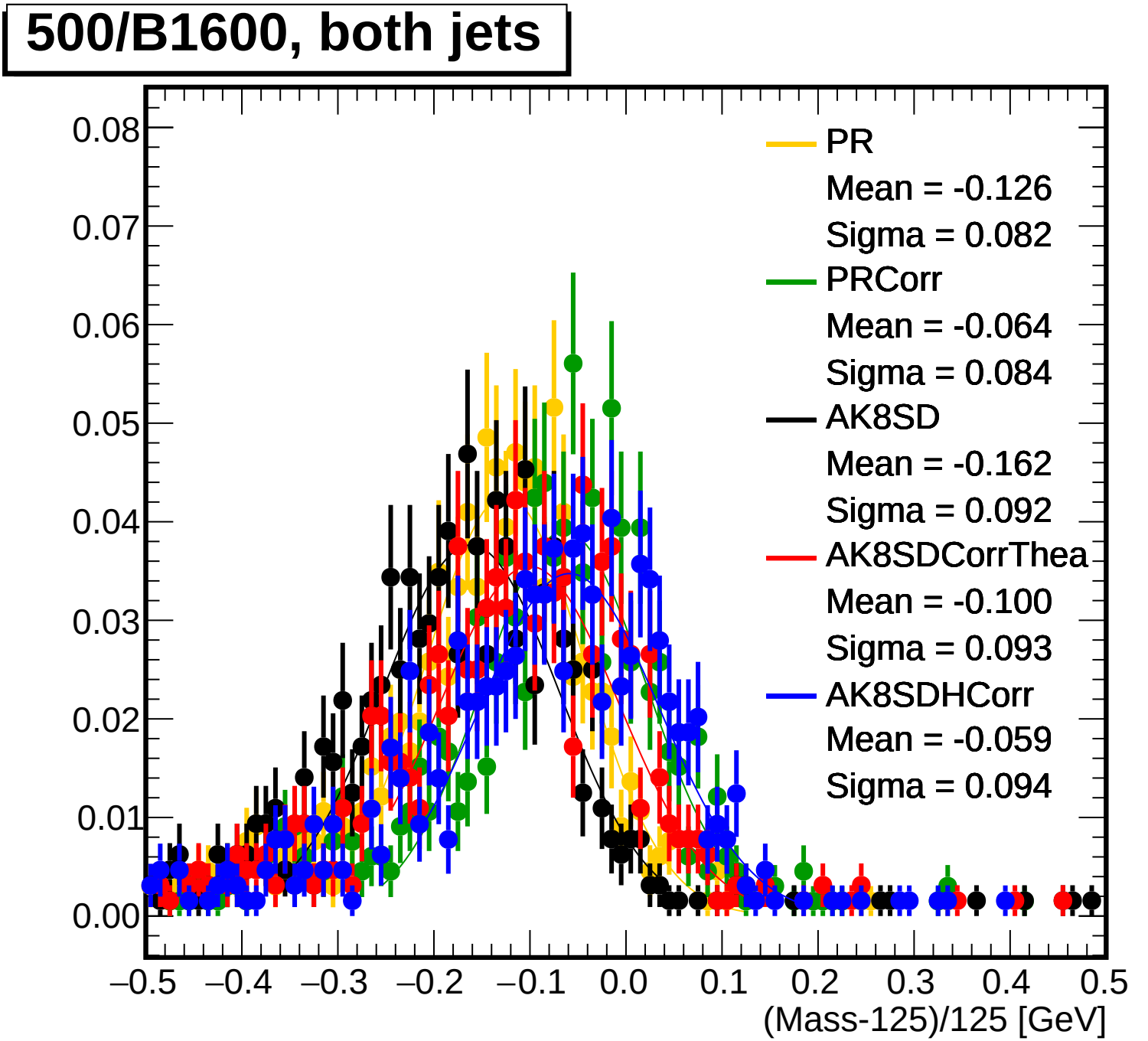

500/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

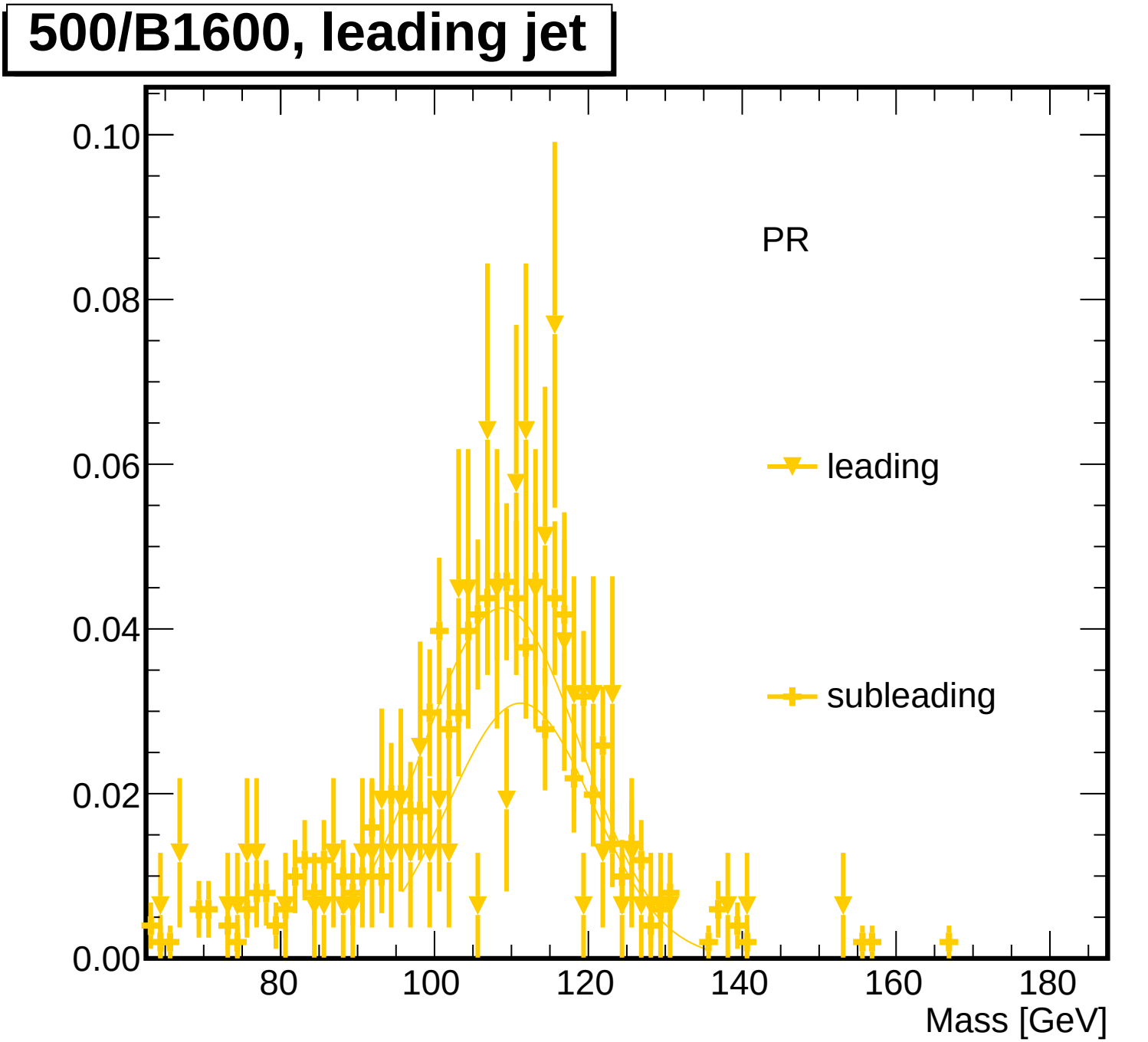

500/B1600, leading jet
PR
Mean = -0.124
Sigma = 0.096
PRCorr
Mean = -0.043
Sigma = 0.091
AK8SD
Mean = -0.148
Sigma = 0.106
AK8SDCorrThea
Mean = -0.070
Sigma = 0.100
AK8SDHCorr
Mean = -0.043
Sigma = 0.139
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

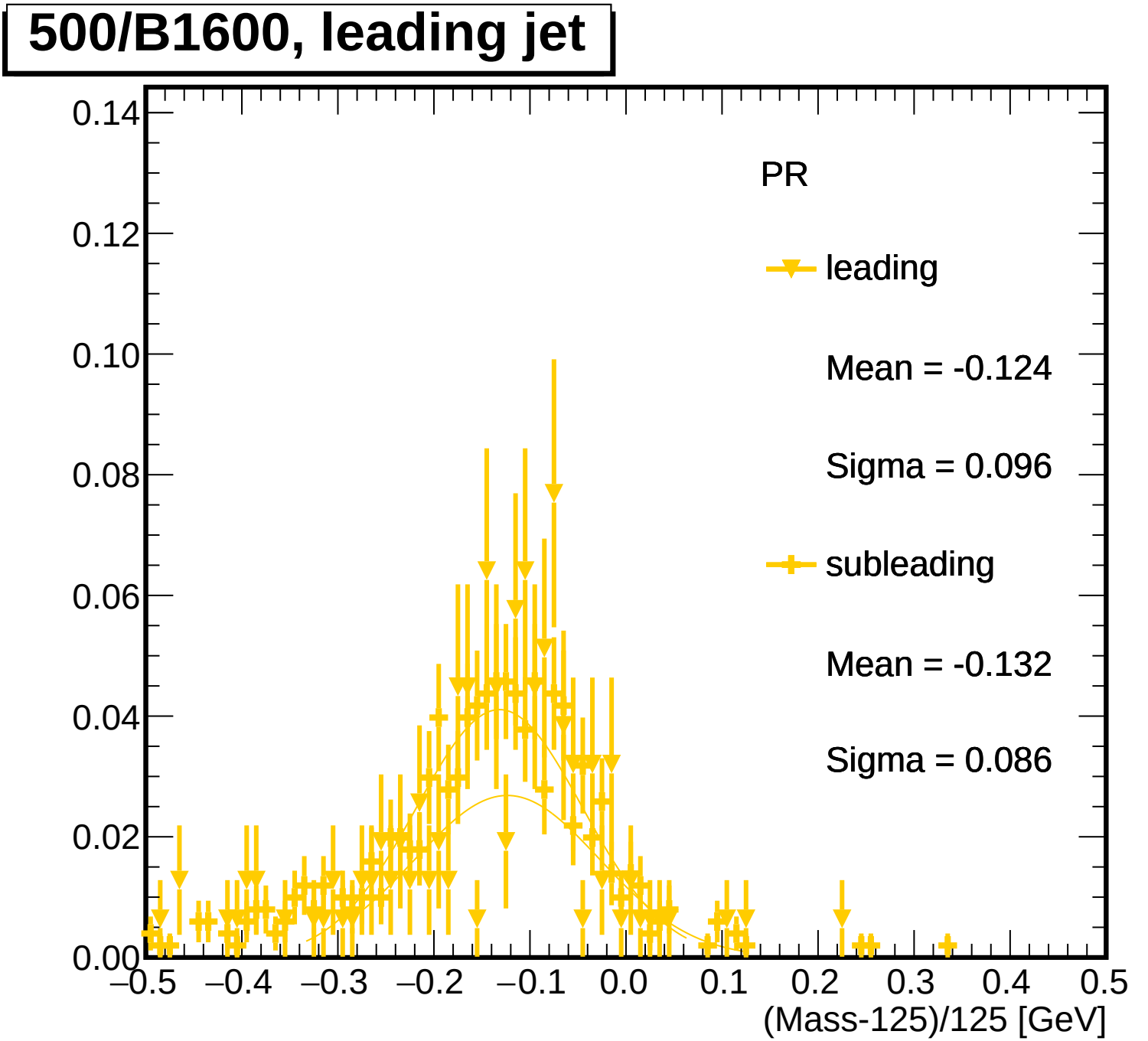

500/B1600, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

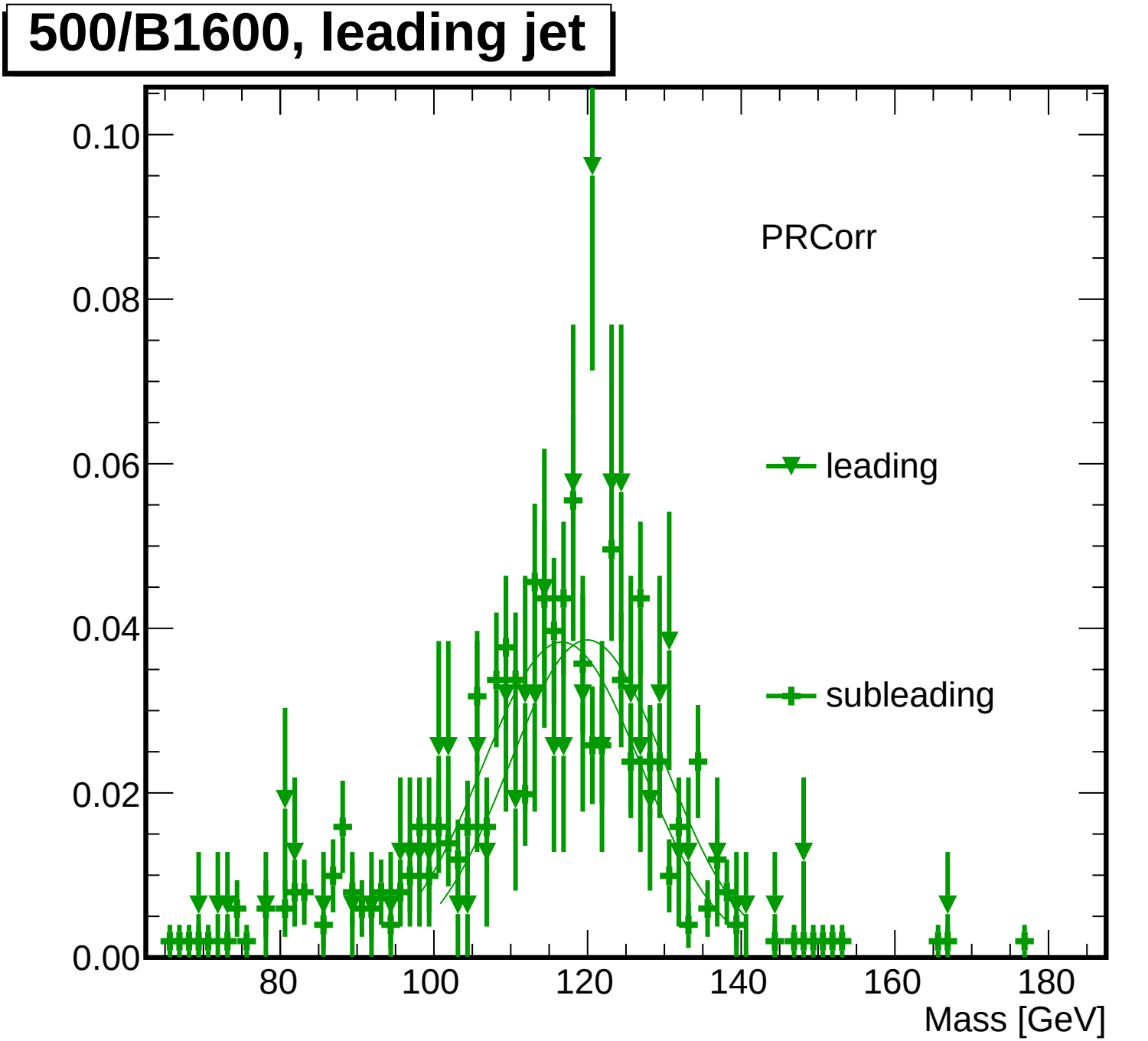

500/B1600, subleading jet
PR
Mean = -0.132
Sigma = 0.086
PRCorr
Mean = -0.069
Sigma = 0.086
AK8SD
Mean = -0.165
Sigma = 0.090
AK8SDCorrThea
Mean = -0.108
Sigma = 0.095
AK8SDHCorr
Mean = -0.070
Sigma = 0.105
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

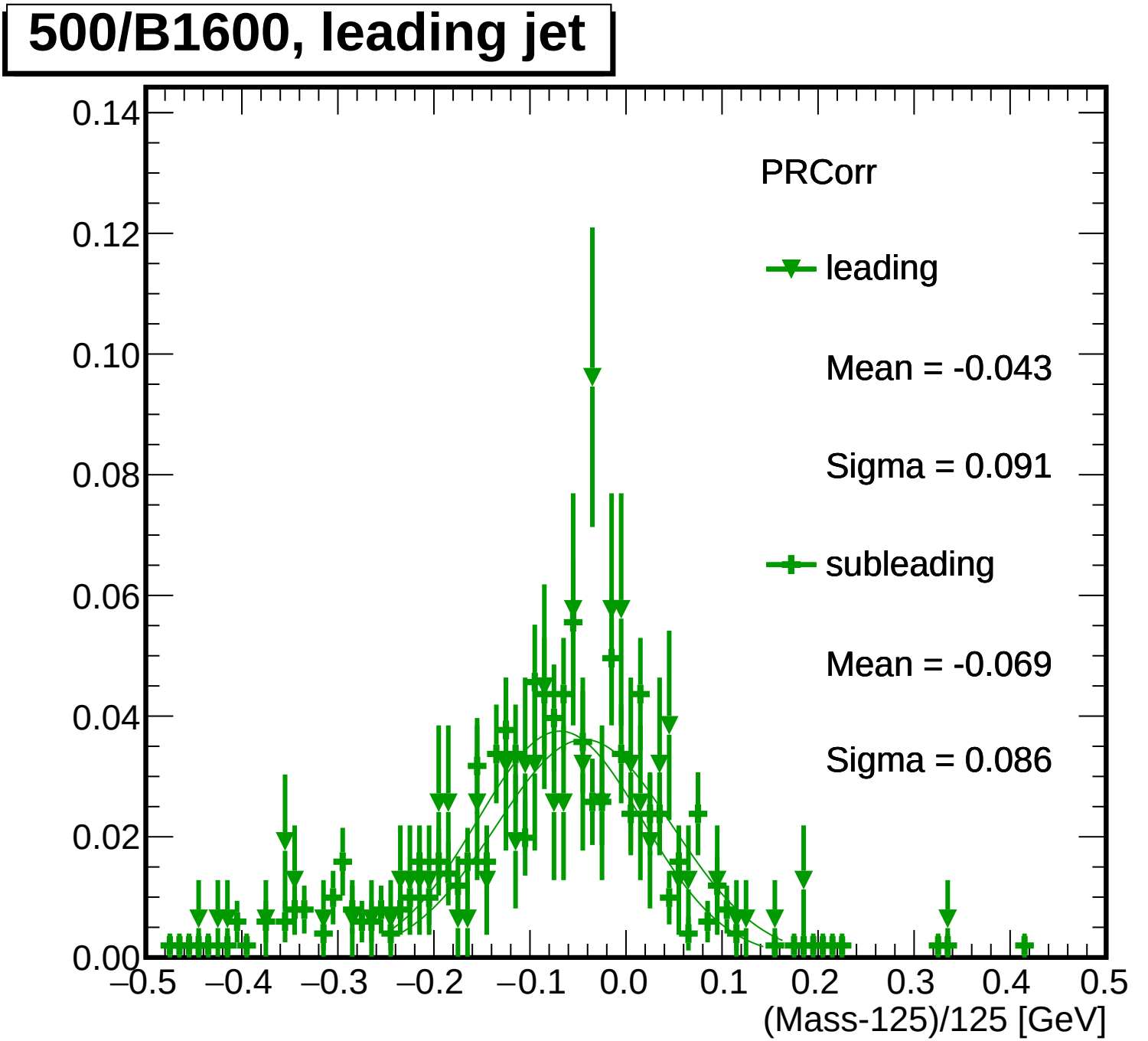

500/B1600, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

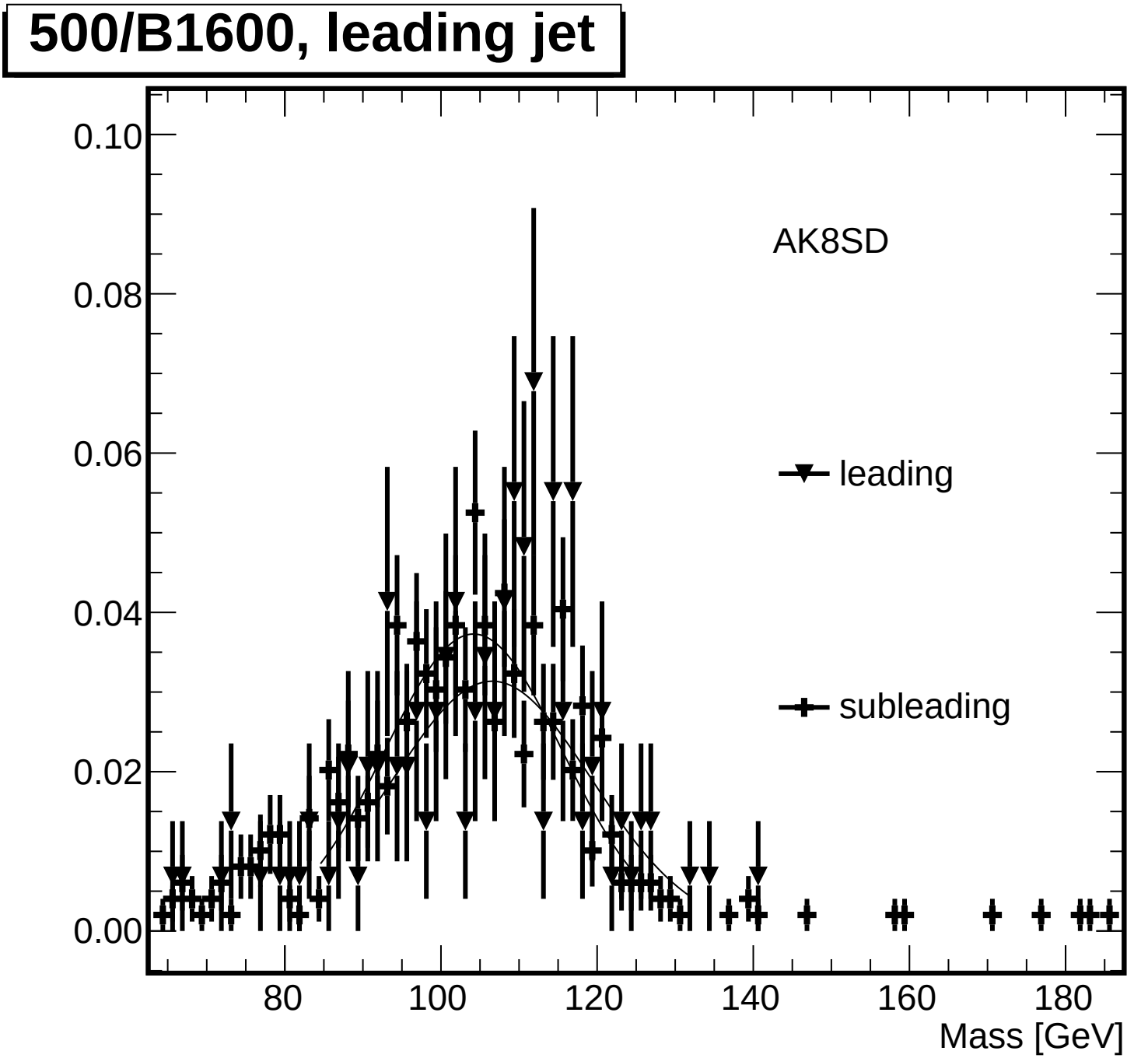

500/B1600, both jets
PR
Mean = -0.126
Sigma = 0.082
PRCorr
Mean = -0.064
Sigma = 0.084
AK8SD
Mean = -0.162
Sigma = 0.092
AK8SDCorrThea
Mean = -0.100
Sigma = 0.093
AK8SDHCorr
Mean = -0.059
Sigma = 0.094
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

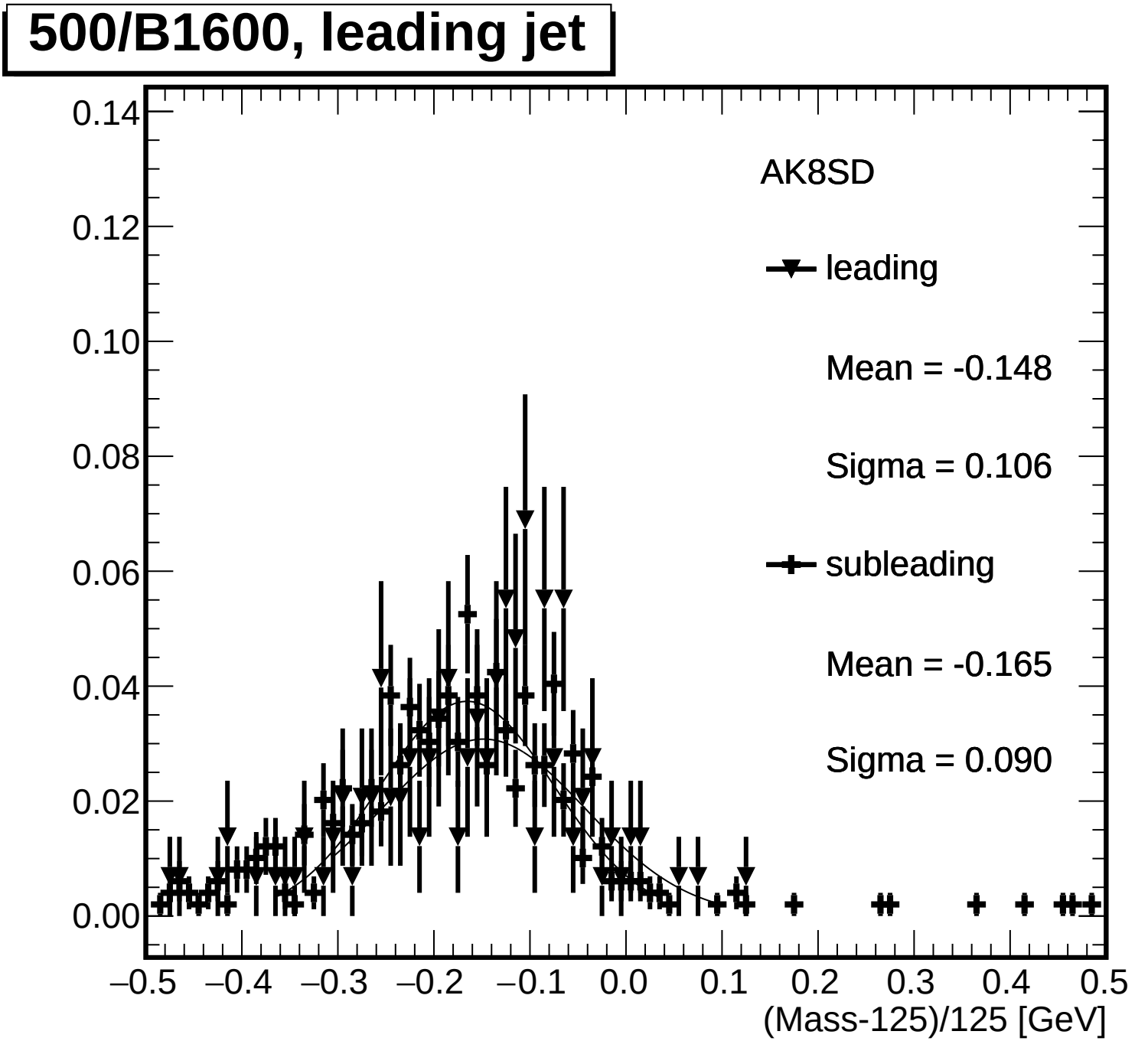

500/B1600, leading jet
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

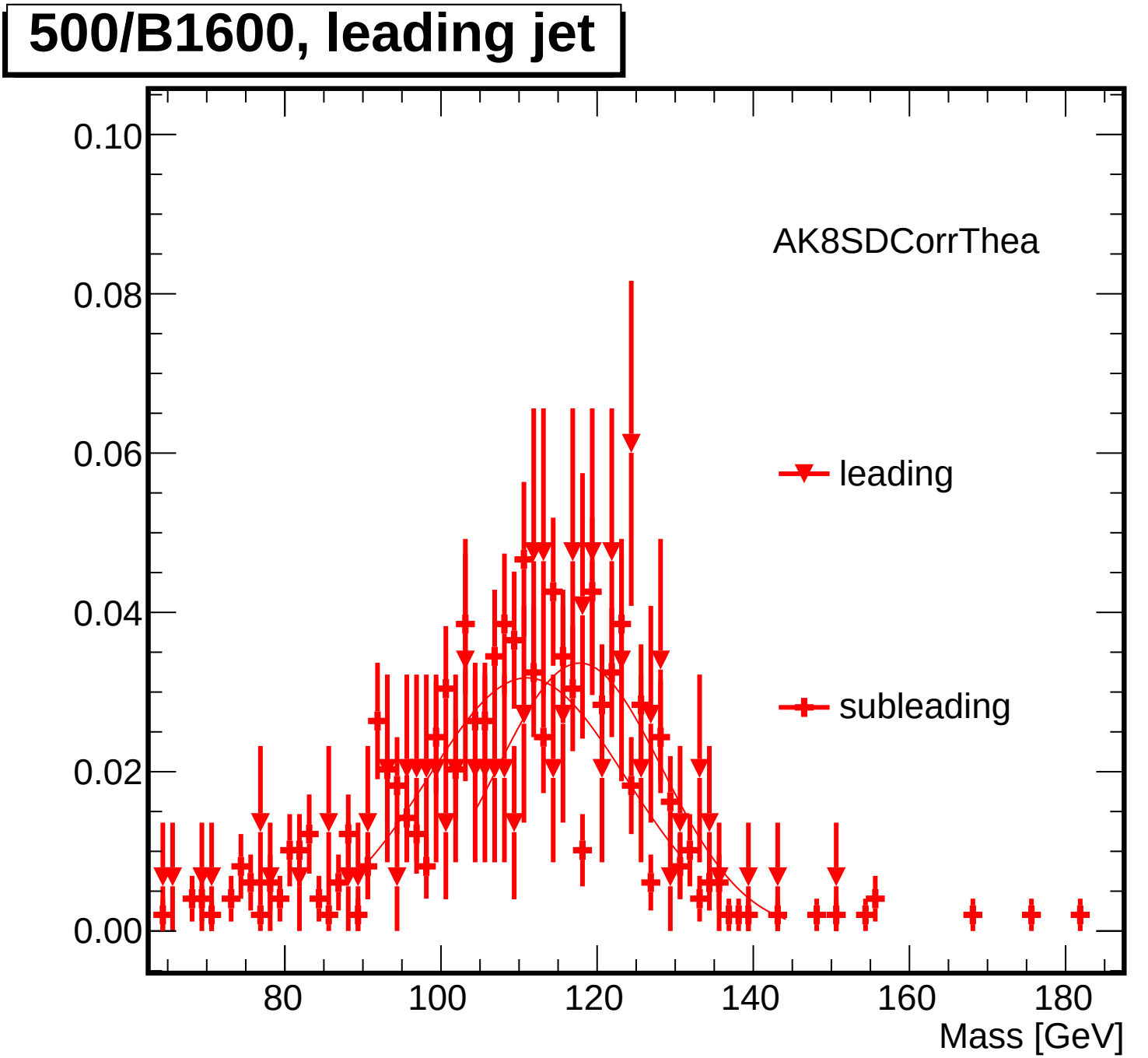

500/B1600, leading jet
PR
leading
Mean = -0.124
Sigma = 0.096
subleading
Mean = -0.132
Sigma = 0.086
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

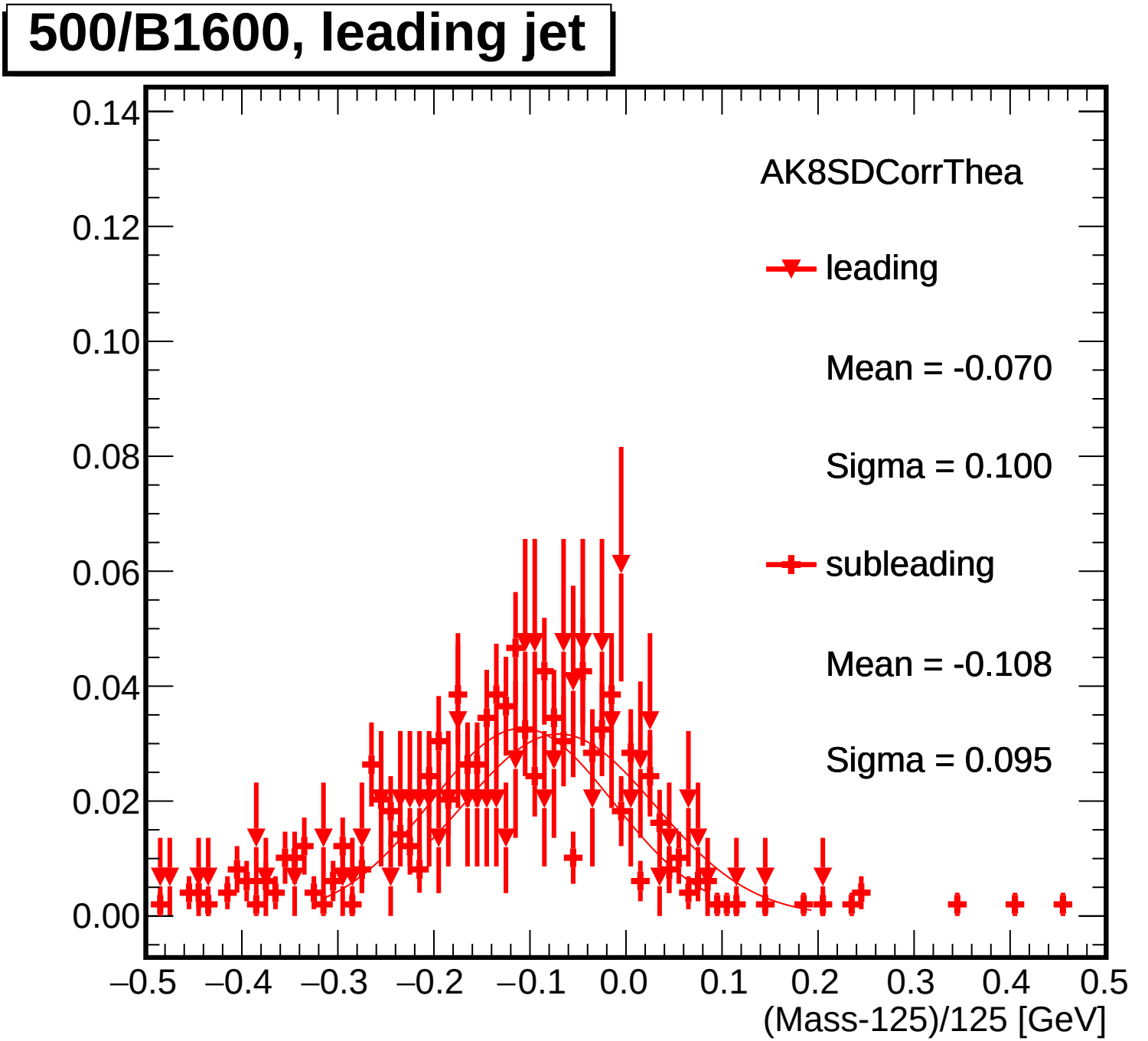

500/B1600, leading jet
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

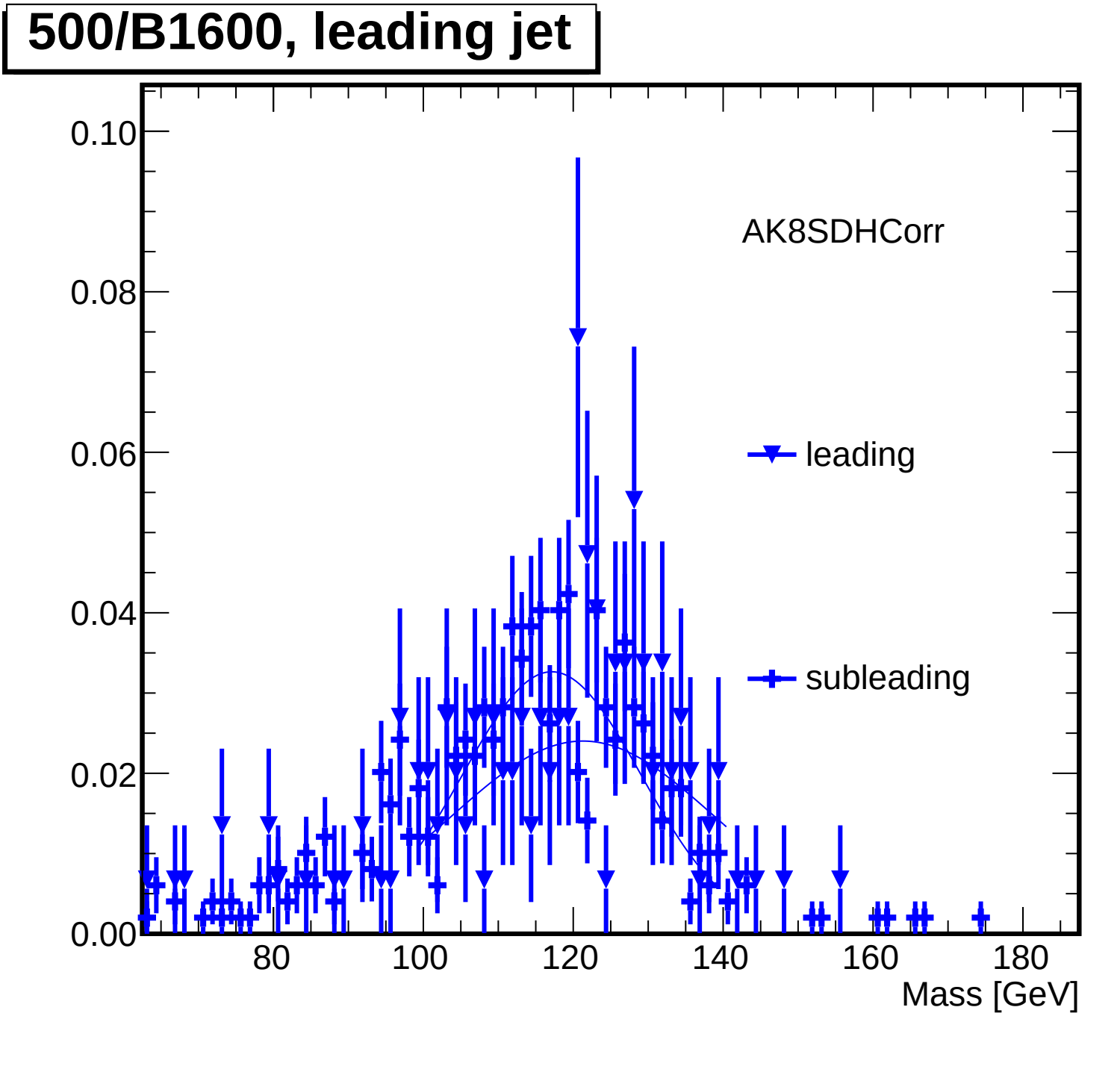

500/B1600, leading jet
PRCorr
leading
Mean = -0.043
Sigma = 0.091
subleading
Mean = -0.069
Sigma = 0.086
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

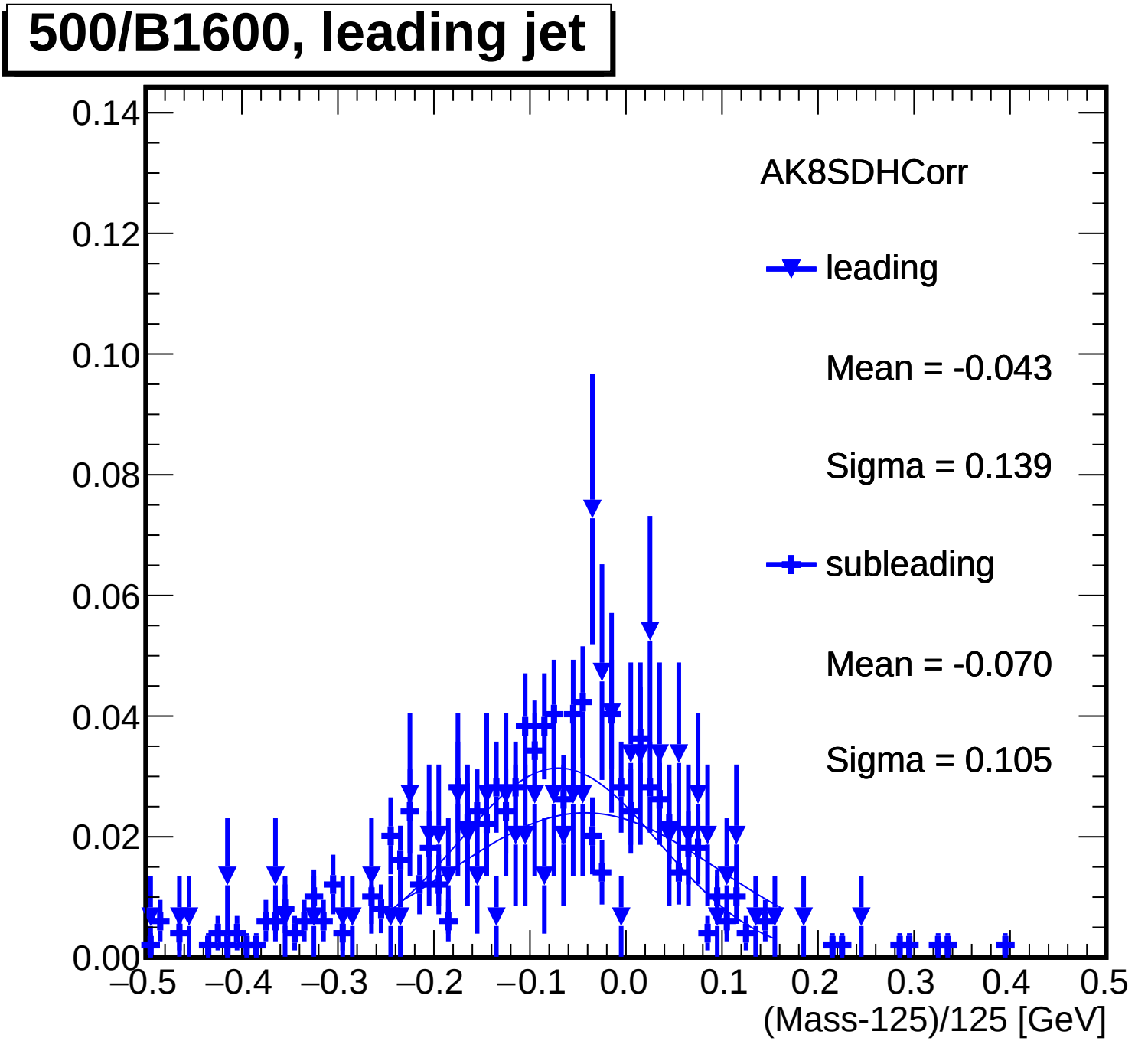

500/B1600, leading jet
AK8SD
leading
subleading
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1600, leading jet
AK8SD
leading
Mean = -0.148
Sigma = 0.106
subleading
Mean = -0.165
Sigma = 0.090
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/B1600, leading jet
AK8SDCorrThea
leading
subleading
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1600, leading jet
AK8SDCorrThea
leading
Mean = -0.070
Sigma = 0.100
subleading
Mean = -0.108
Sigma = 0.095
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/B1600, leading jet
AK8SDHCorr
leading
subleading
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1600, leading jet
AK8SDHCorr
leading
Mean = -0.043
Sigma = 0.139
subleading
Mean = -0.070
Sigma = 0.105
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]