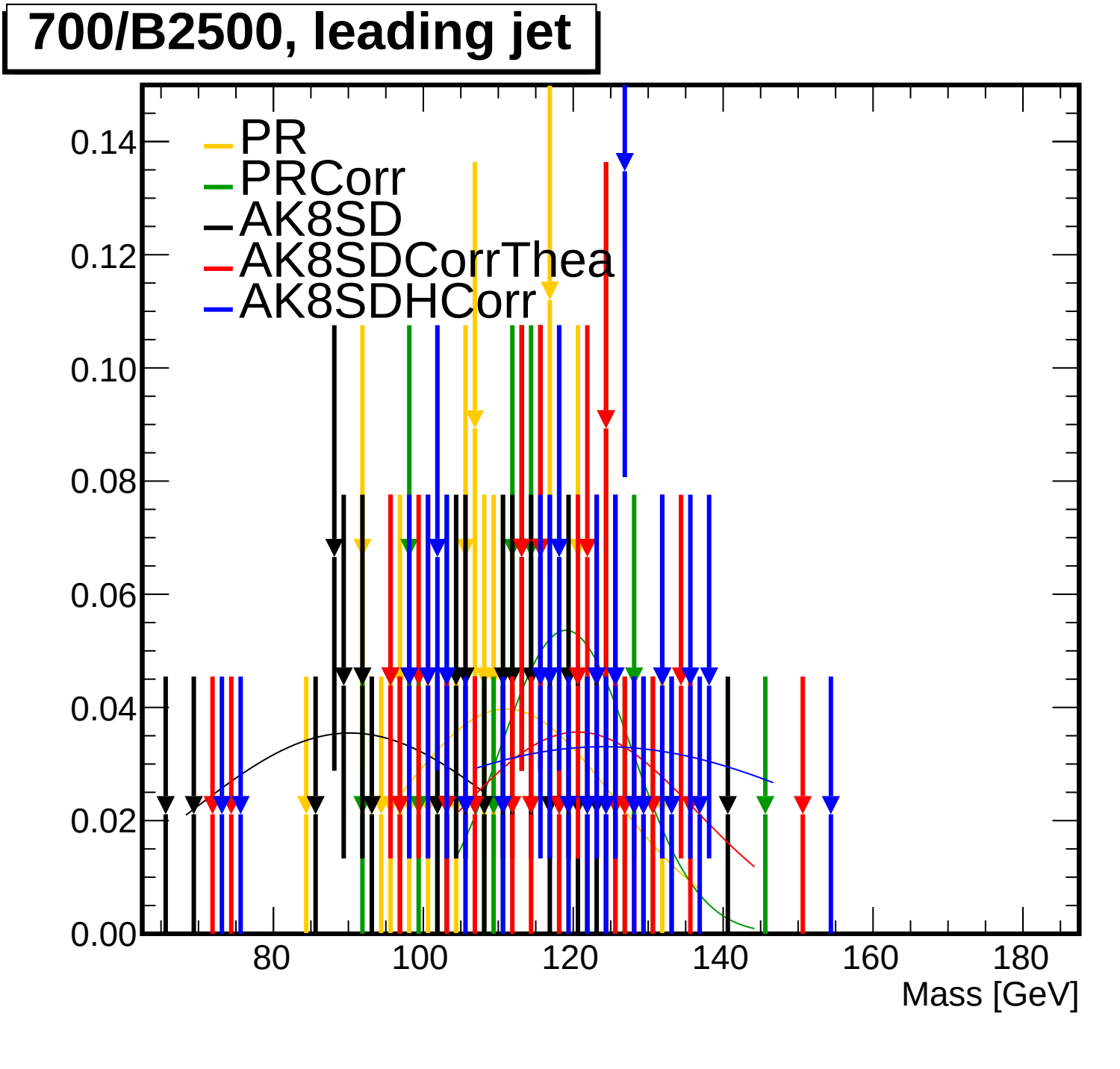
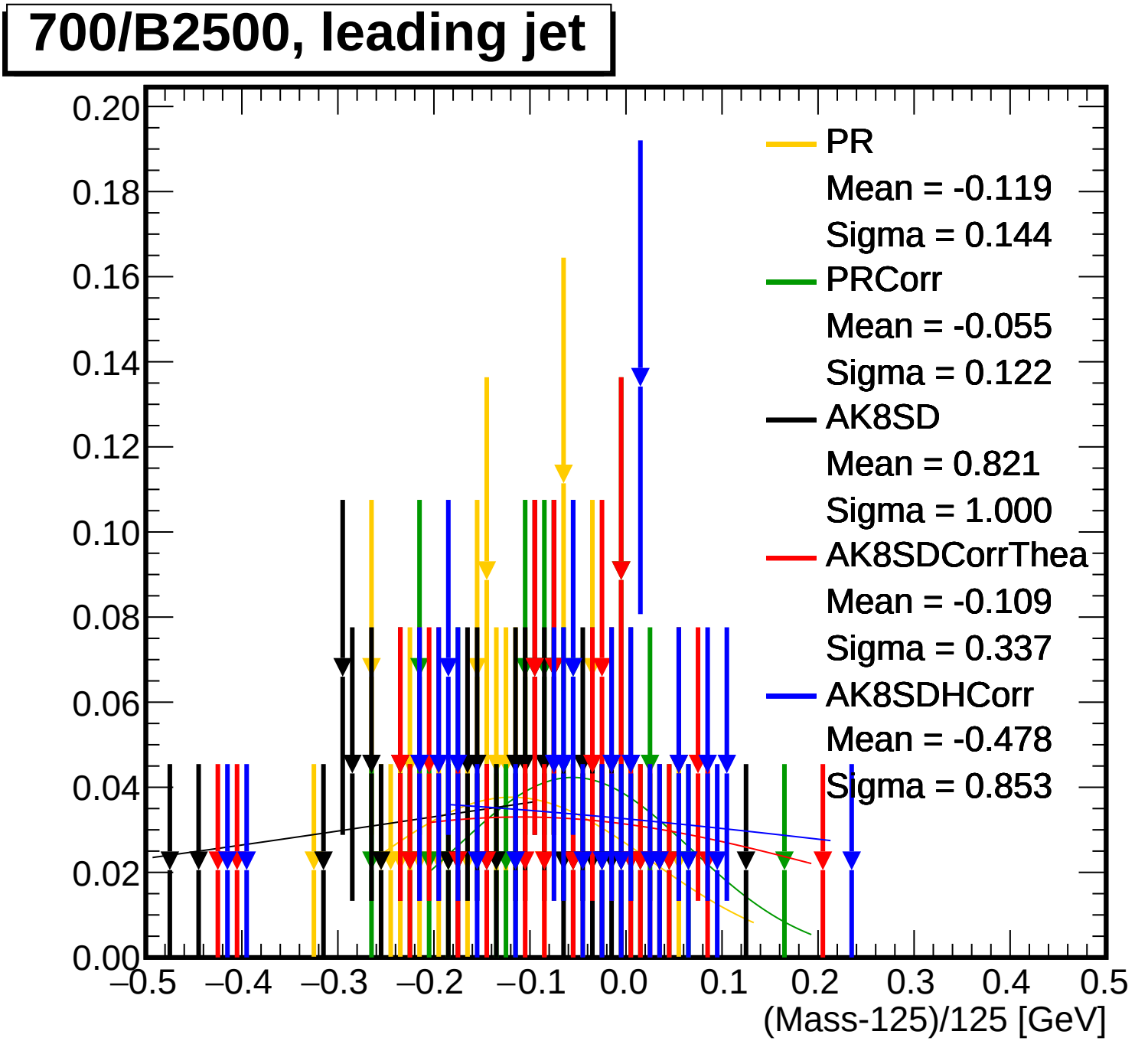
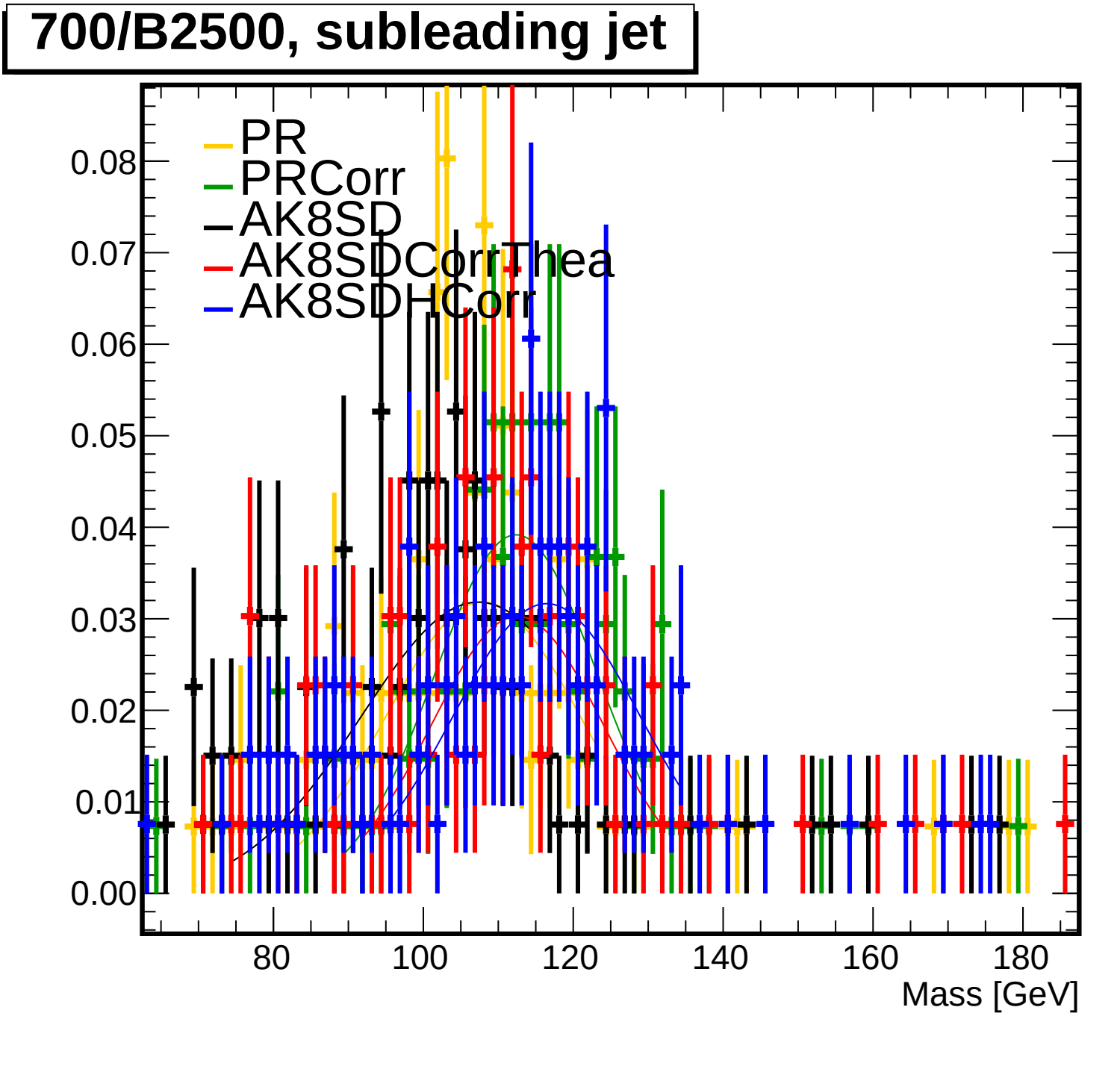
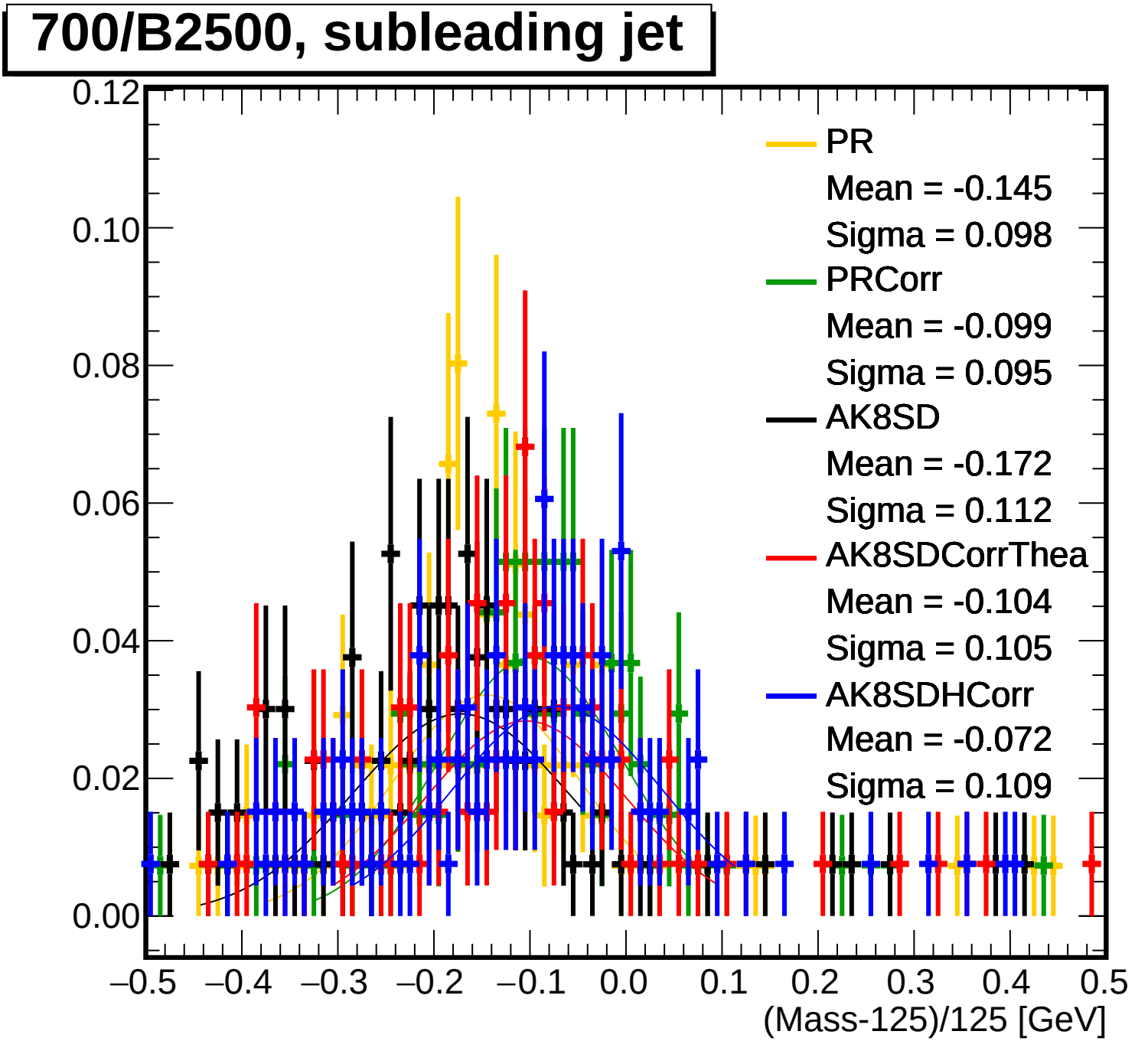
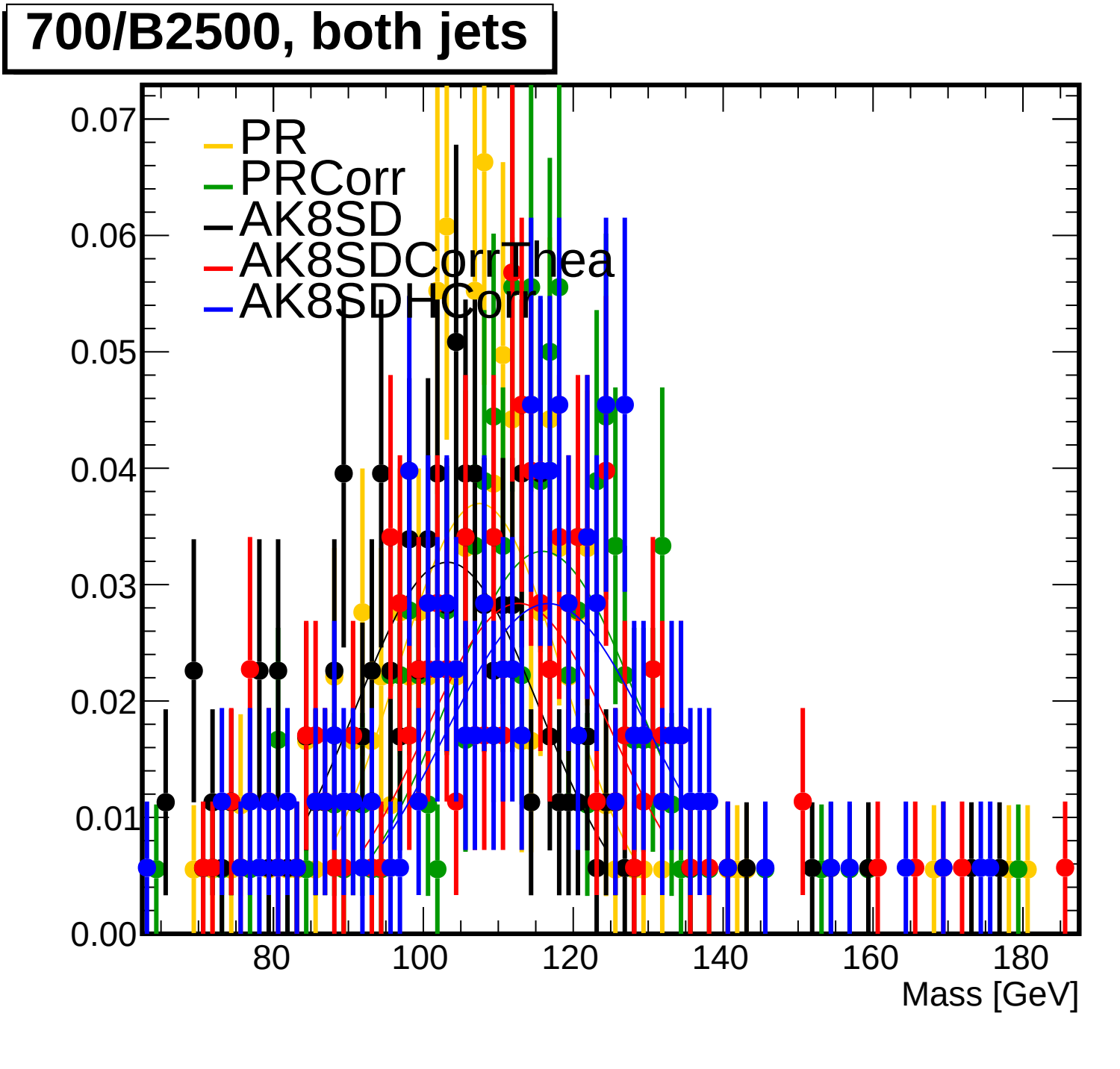
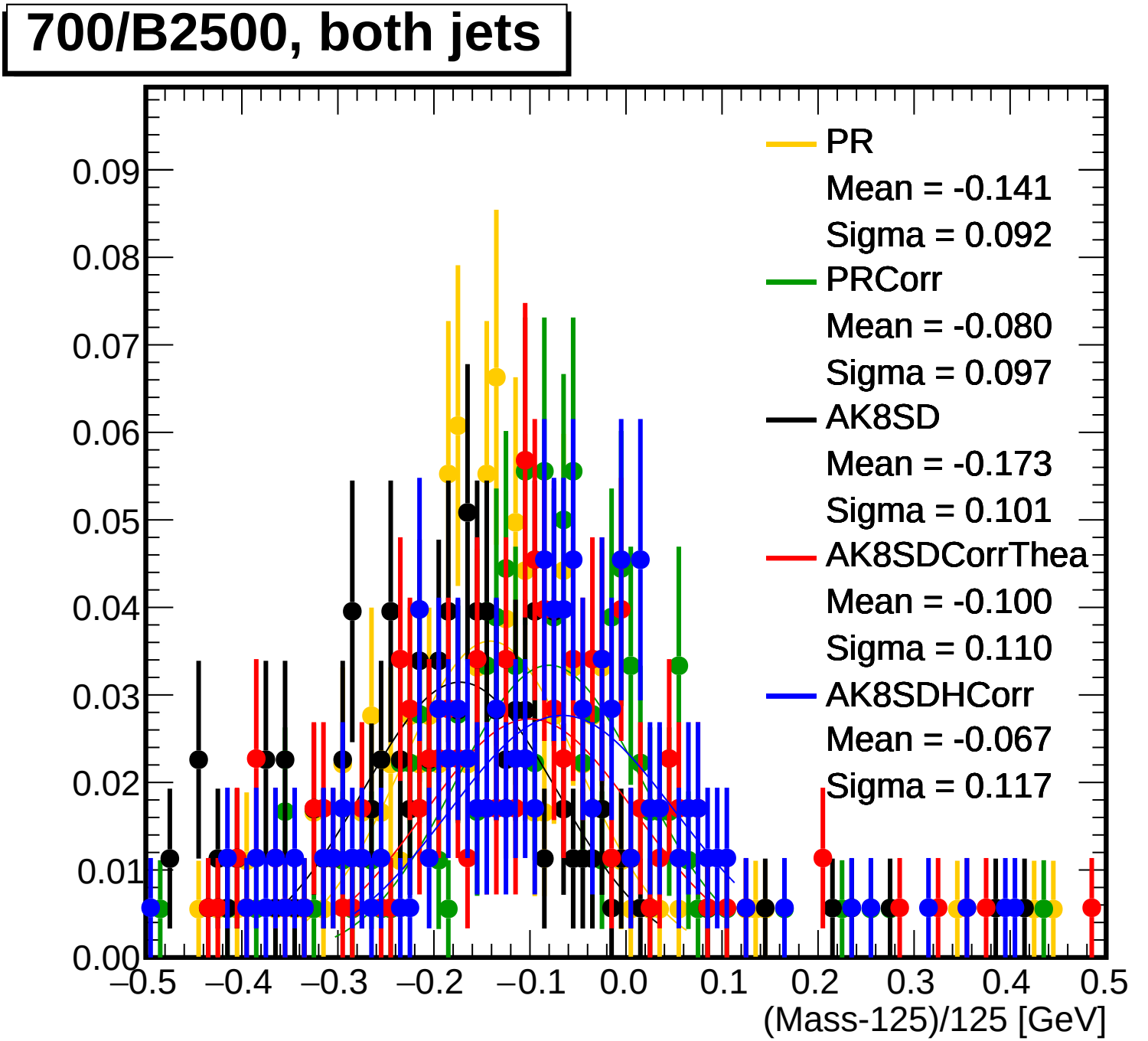

700/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

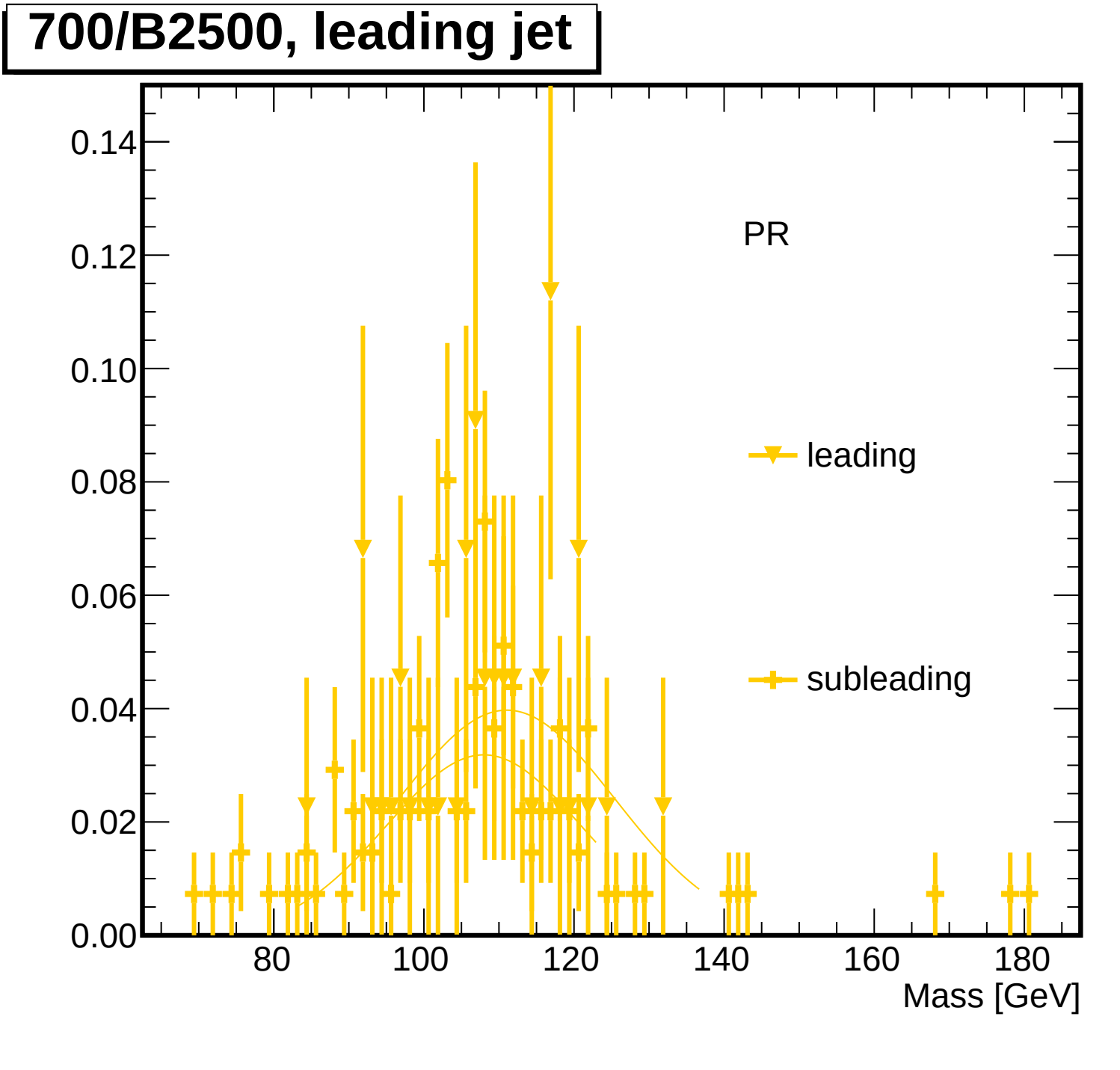

700/B2500, leading jet
PR
Mean = -0.119
Sigma = 0.144
PRCorr
Mean = -0.055
Sigma = 0.122
AK8SD
Mean = 0.821
Sigma = 1.000
AK8SDCorrThea
Mean = -0.109
Sigma = 0.337
AK8SDHCorr
Mean = -0.478
Sigma = 0.853
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

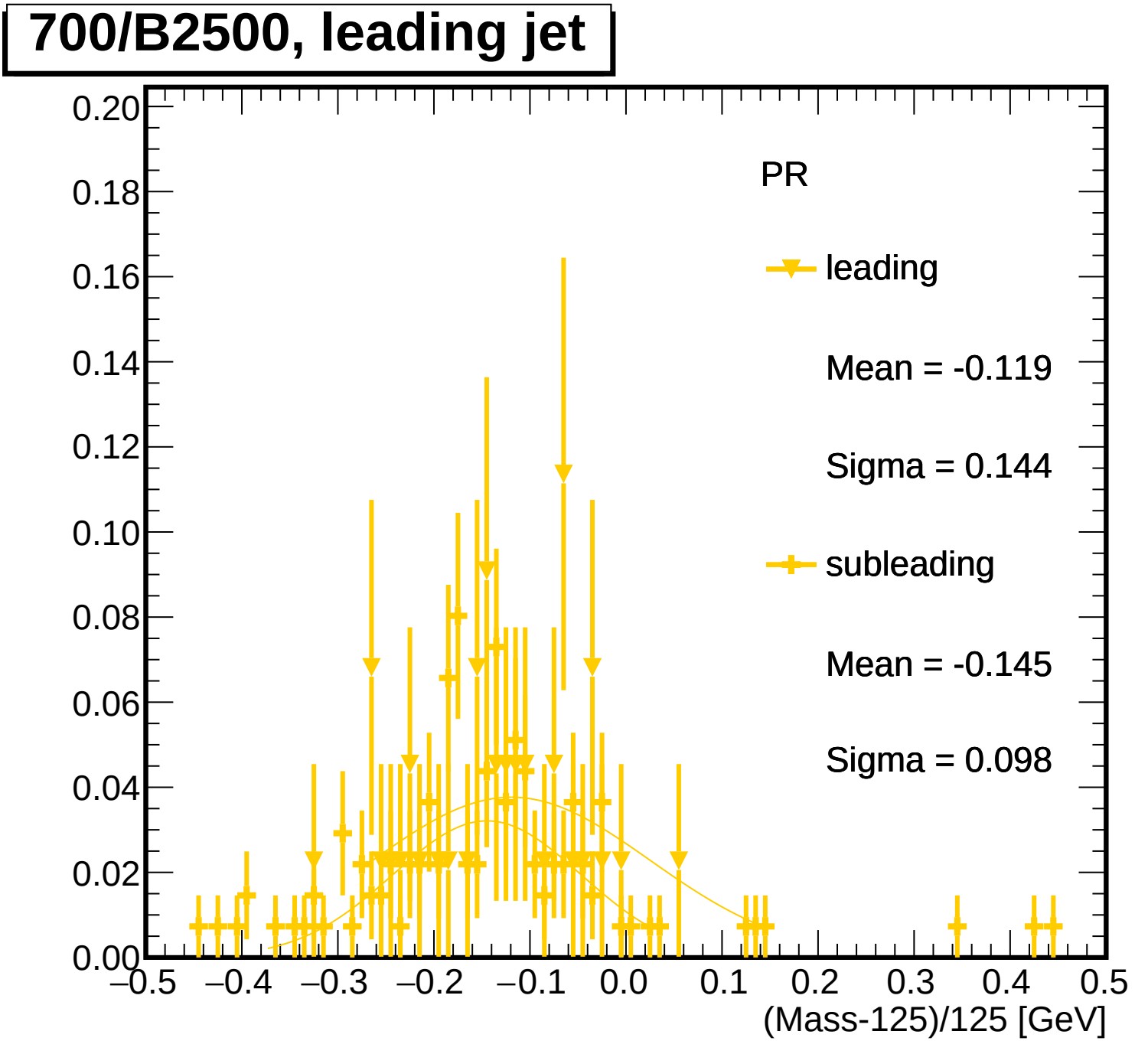

700/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

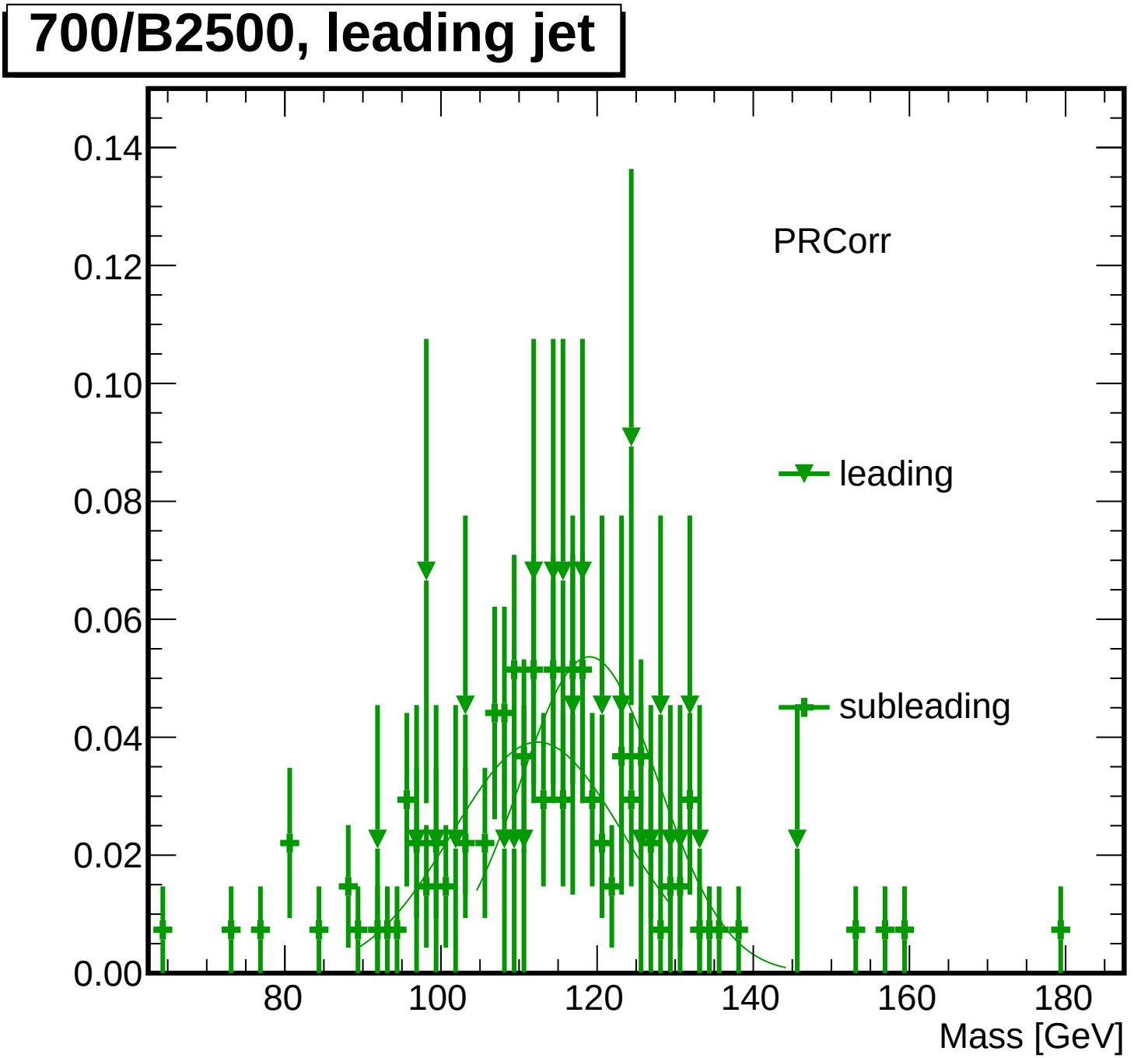

700/B2500, subleading jet
PR
Mean = -0.145
Sigma = 0.098
PRCorr
Mean = -0.099
Sigma = 0.095
AK8SD
Mean = -0.172
Sigma = 0.112
AK8SDCorrThea
Mean = -0.104
Sigma = 0.105
AK8SDHCorr
Mean = -0.072
Sigma = 0.109
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

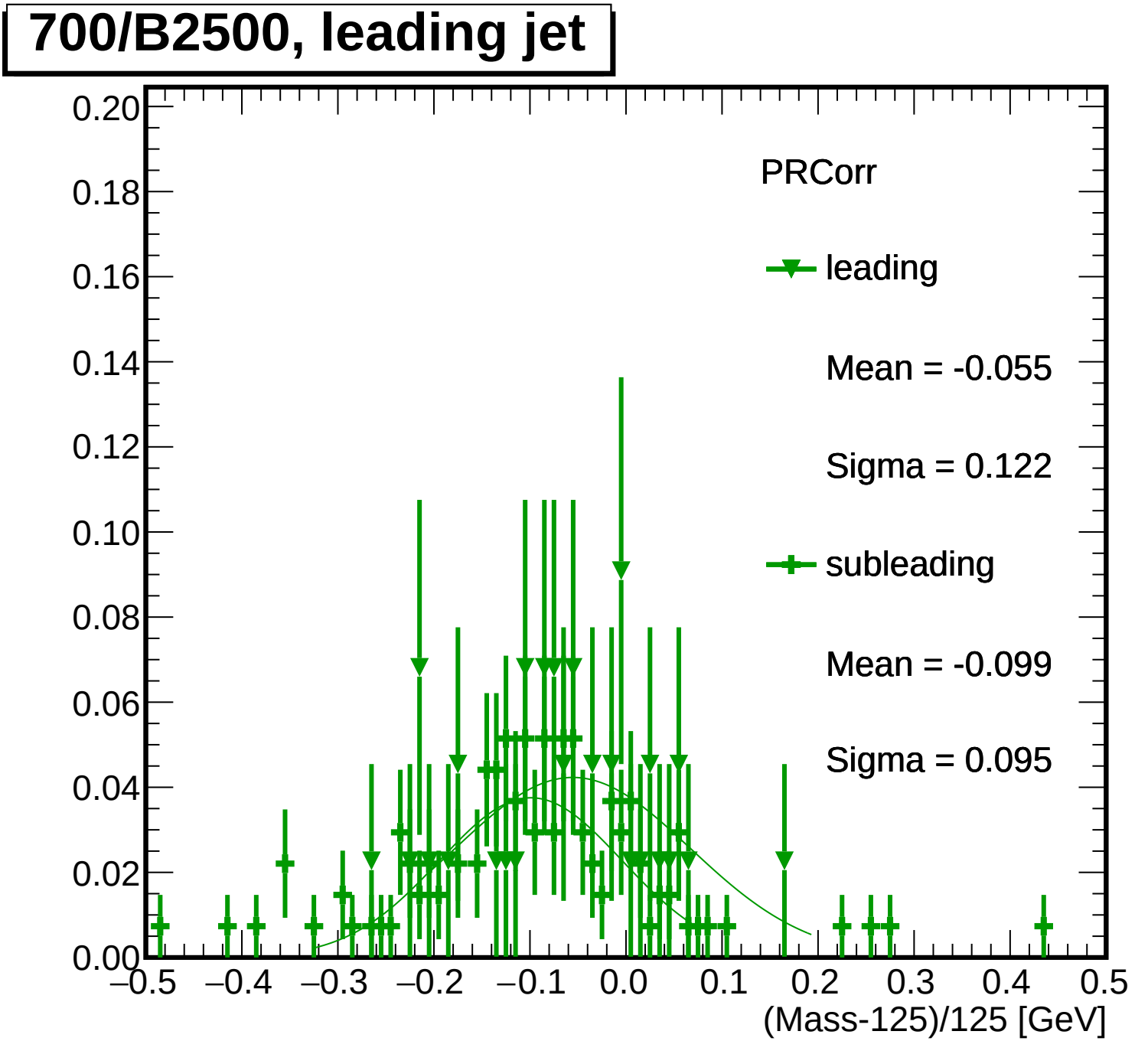

700/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

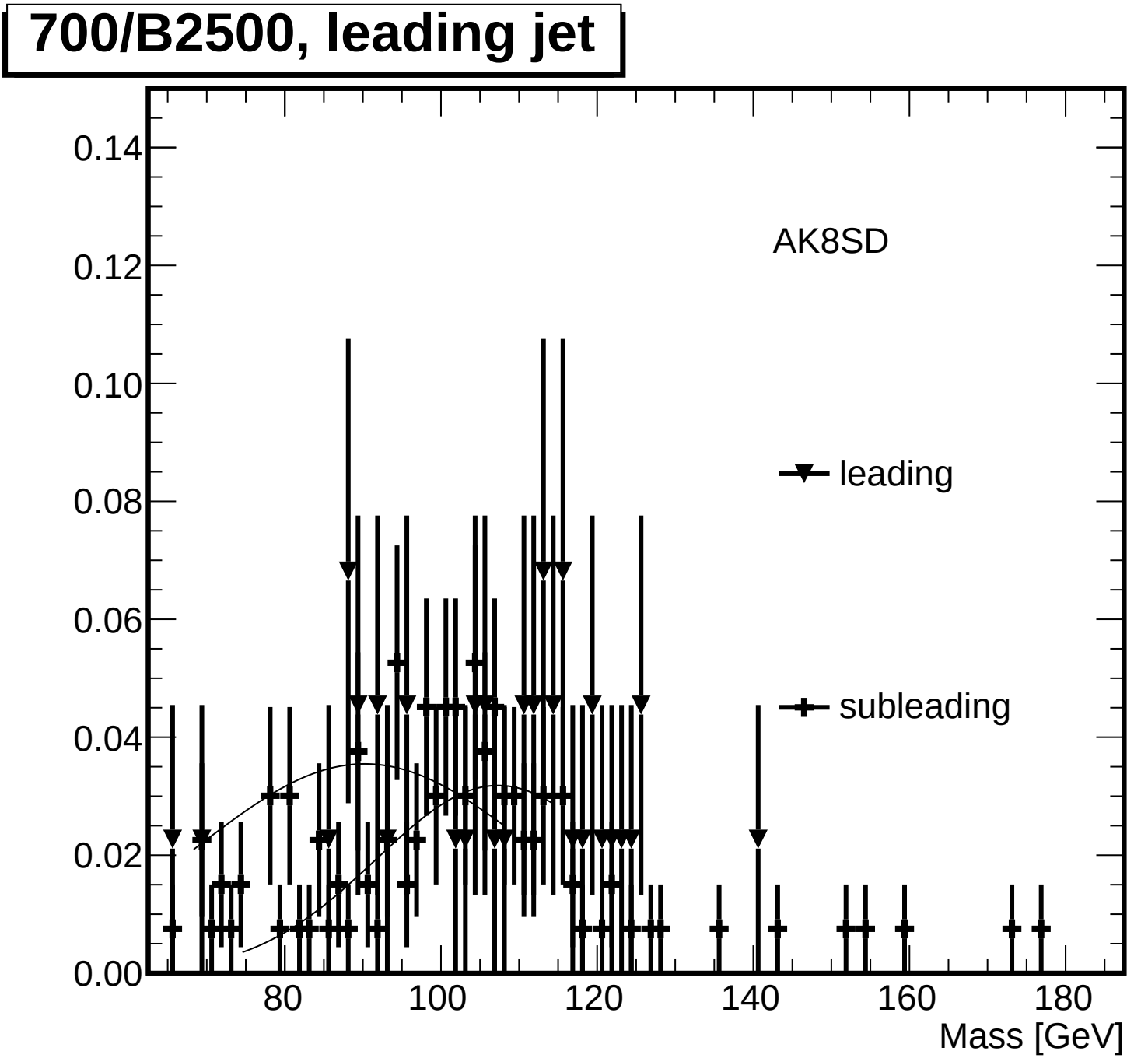

700/B2500, both jets
PR
Mean = -0.141
Sigma = 0.092
PRCorr
Mean = -0.080
Sigma = 0.097
AK8SD
Mean = -0.173
Sigma = 0.101
AK8SDCorrThea
Mean = -0.100
Sigma = 0.110
AK8SDHCorr
Mean = -0.067
Sigma = 0.117
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

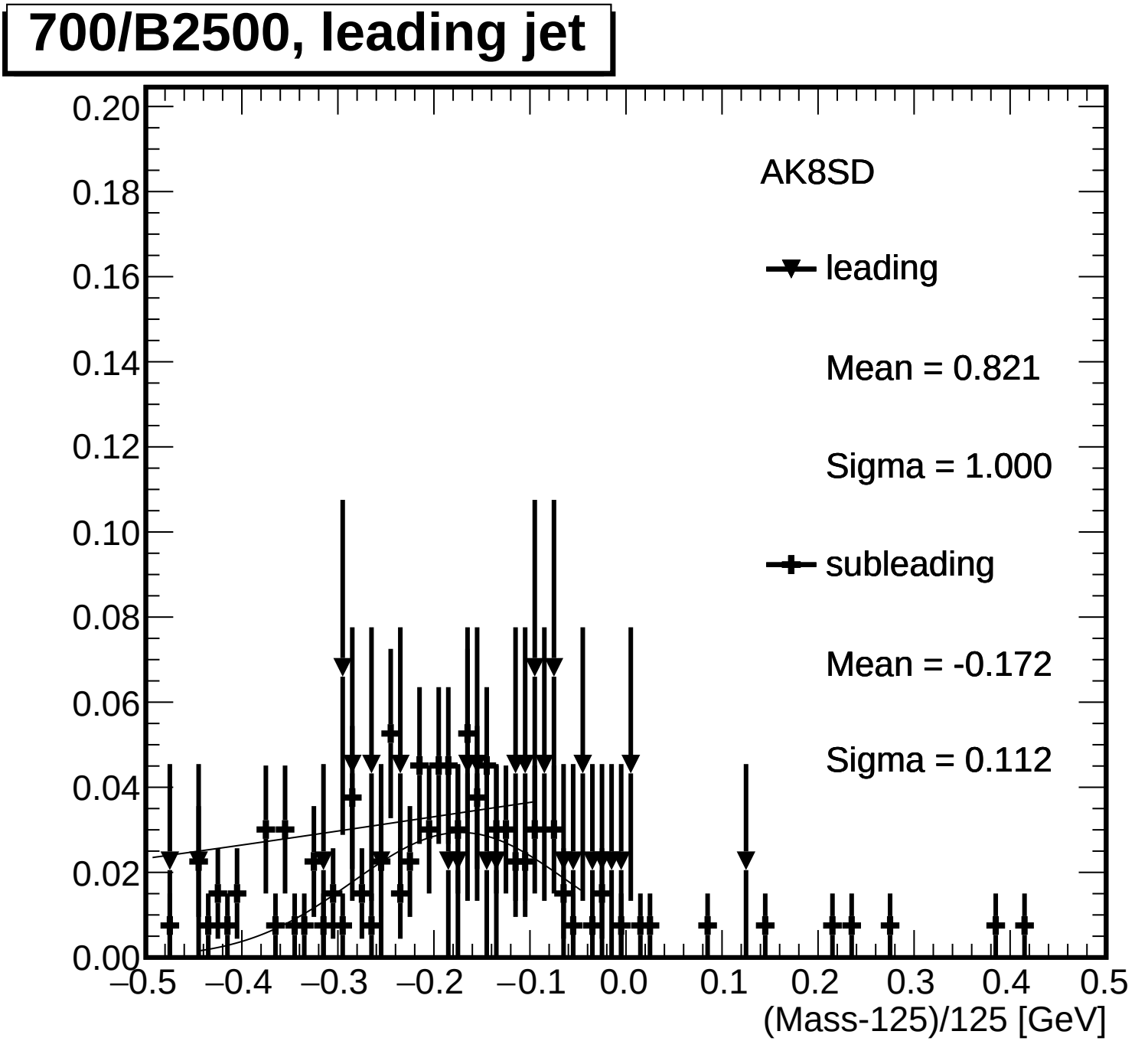

700/B2500, leading jet
PR
leading
subleading
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

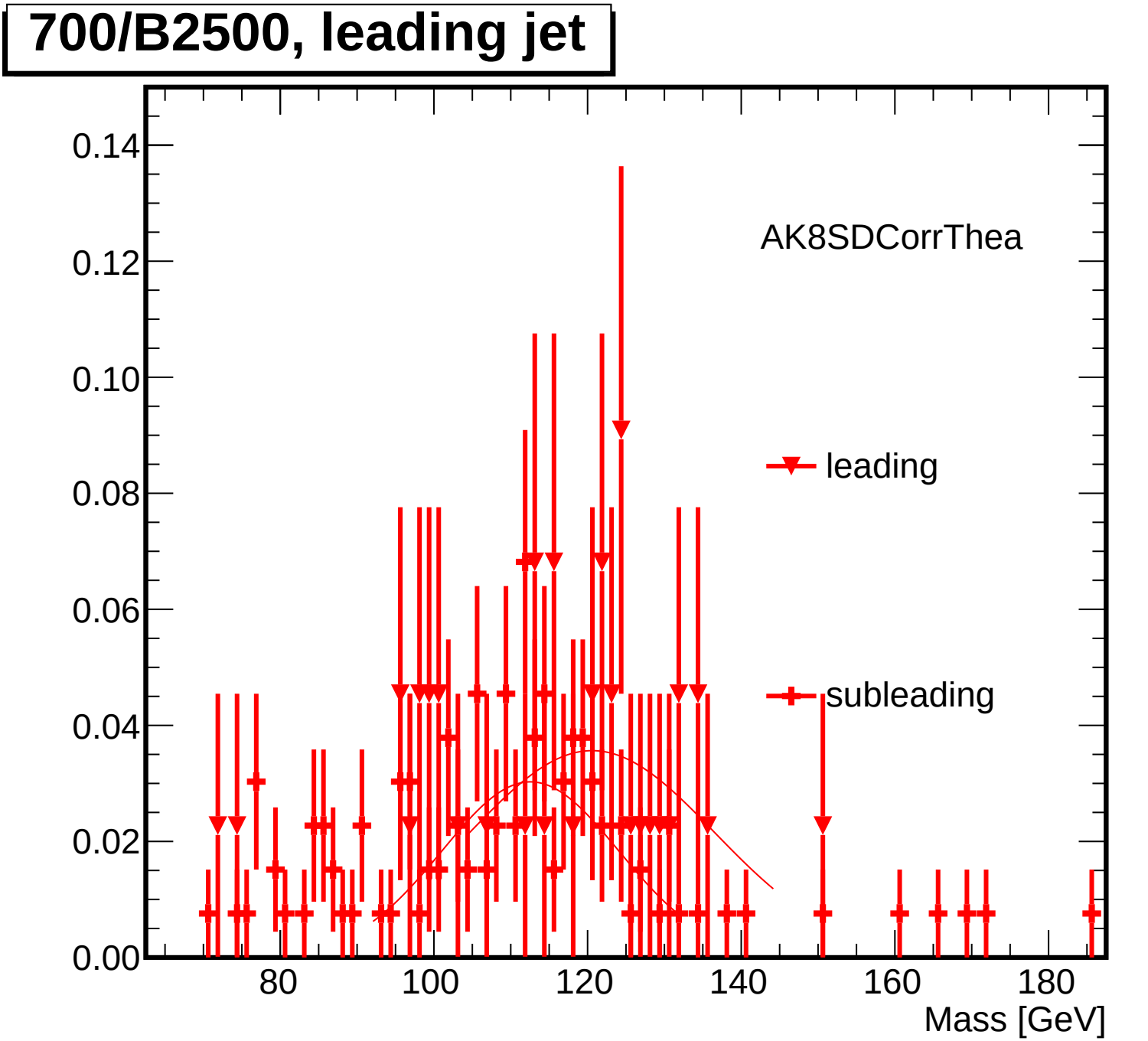

700/B2500, leading jet
PR
leading
Mean = -0.119
Sigma = 0.144
subleading
Mean = -0.145
Sigma = 0.098
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

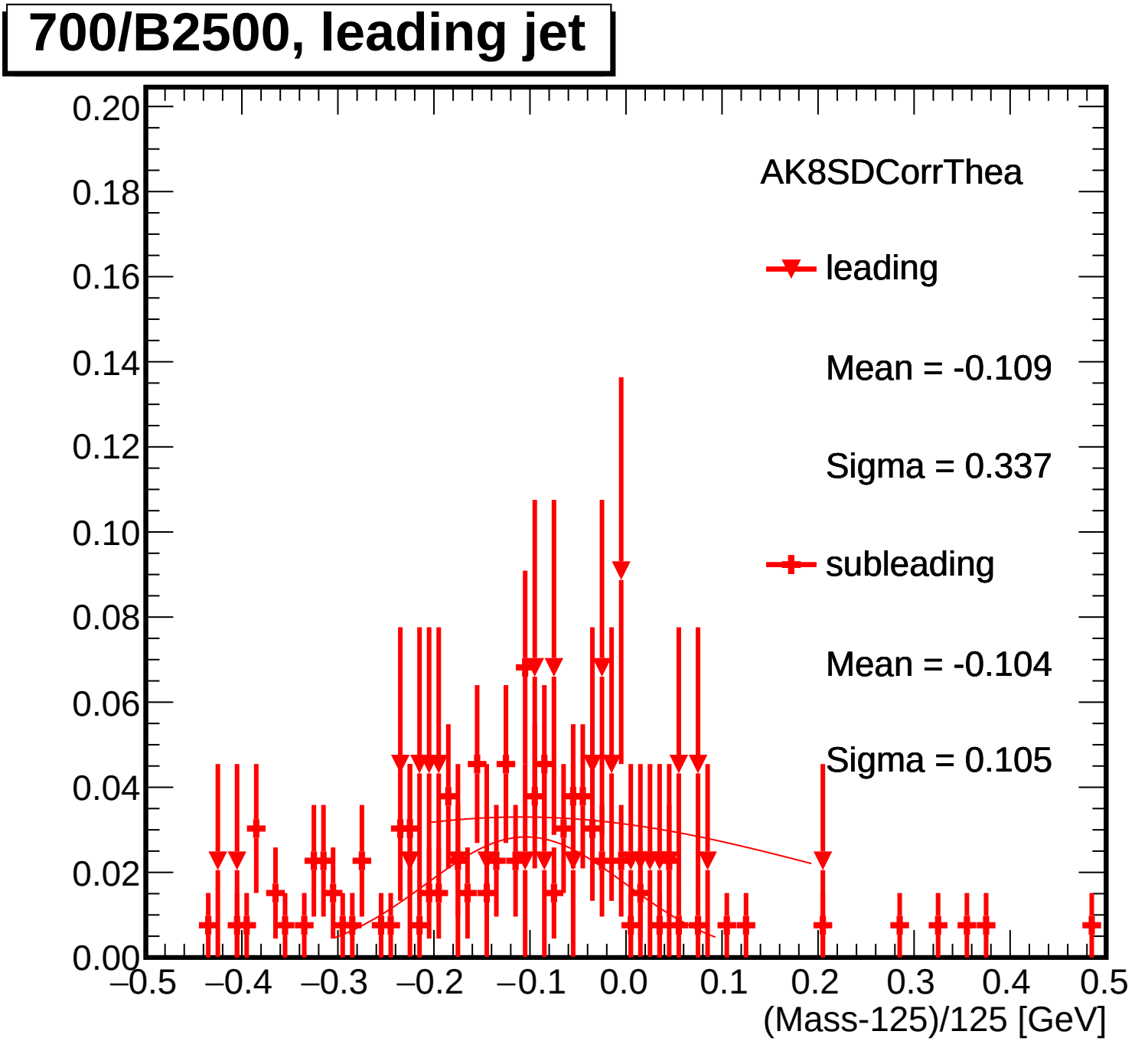

700/B2500, leading jet
PRCorr
leading
subleading
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

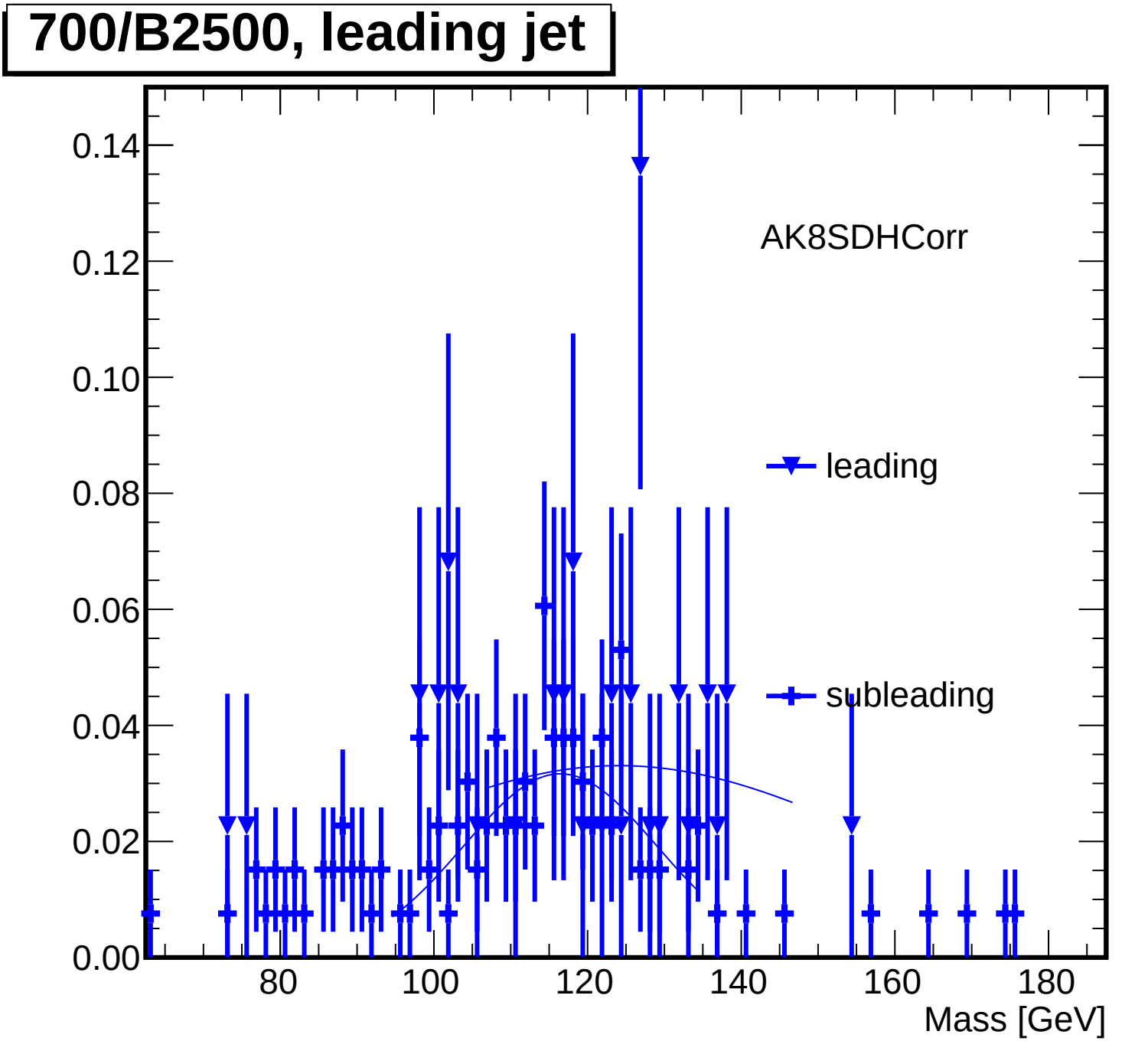

700/B2500, leading jet
PRCorr
leading
Mean = -0.055
Sigma = 0.122
subleading
Mean = -0.099
Sigma = 0.095
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

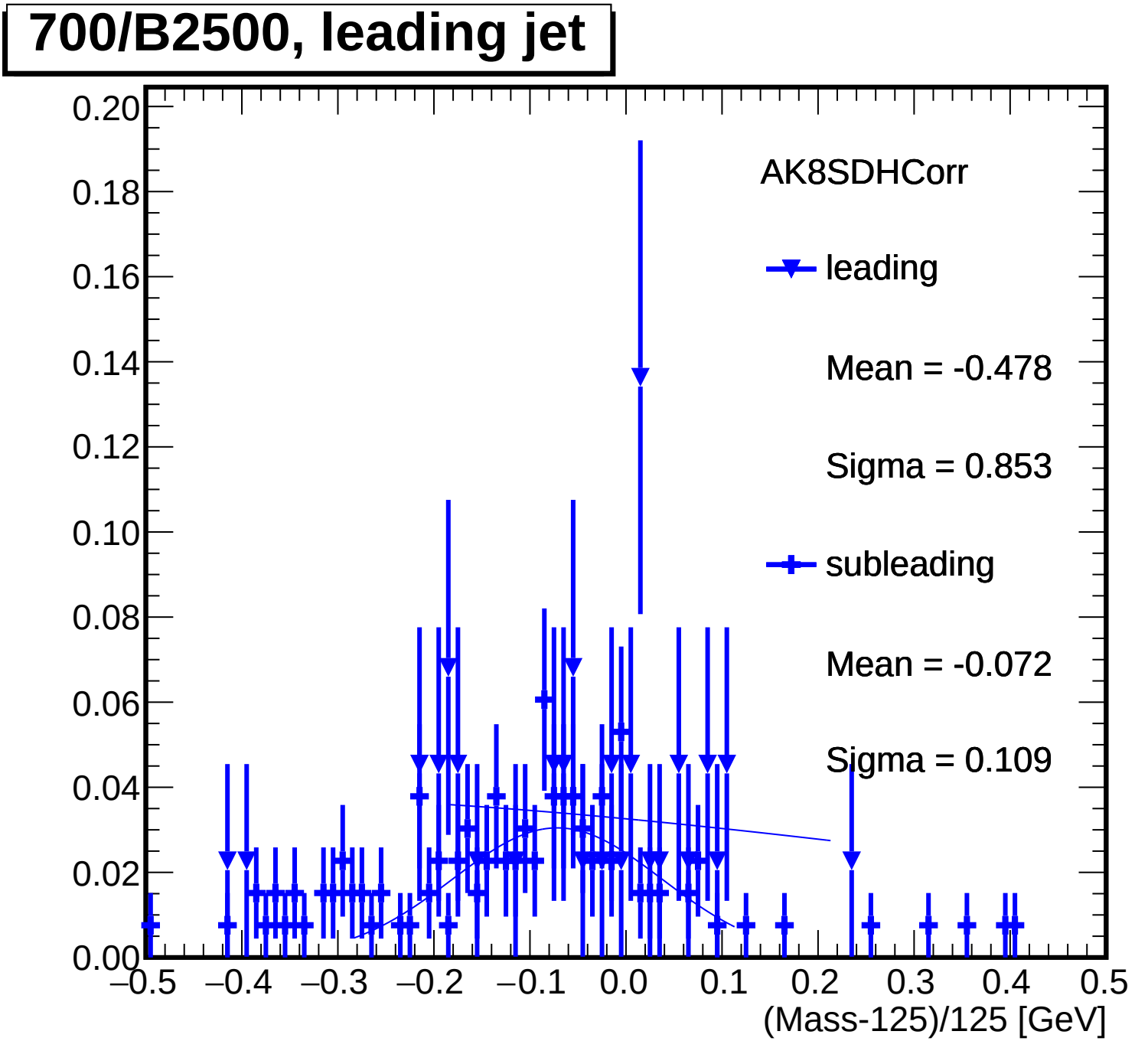

700/B2500, leading jet
AK8SD
leading
subleading
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


700/B2500, leading jet
AK8SD
leading
Mean = 0.821
Sigma = 1.000
subleading
Mean = -0.172
Sigma = 0.112
0.20
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]


700/B2500, leading jet
AK8SDCorrThea
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]


700/B2500, leading jet
AK8SDCorrThea
leading
Mean = -0.109
Sigma = 0.337
subleading
Mean = -0.104
Sigma = 0.105
0.20
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]


700/B2500, 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]


700/B2500, leading jet
AK8SDHCorr
leading
Mean = -0.478
Sigma = 0.853
subleading
Mean = -0.072
Sigma = 0.109
0.20
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]