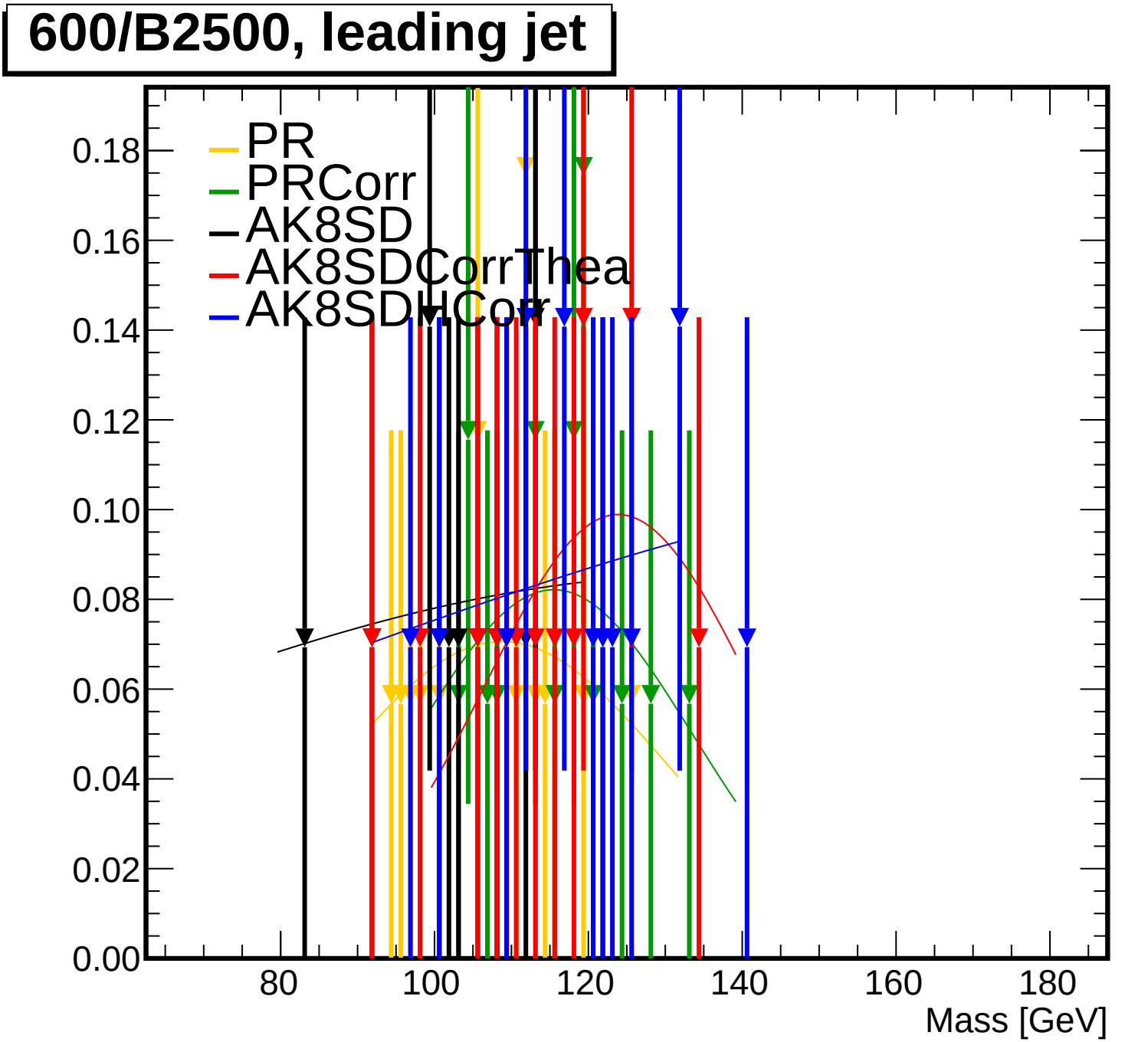
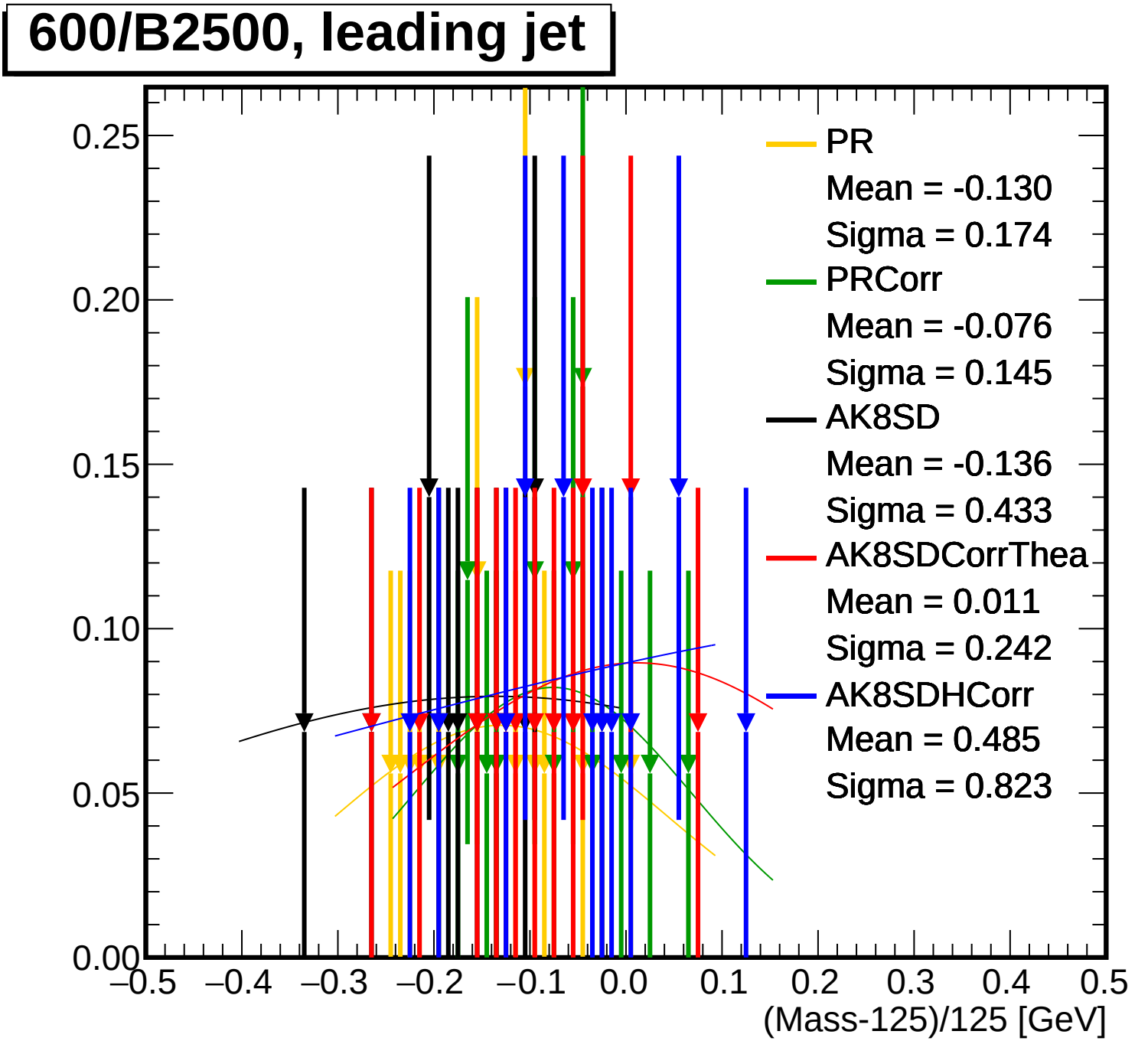
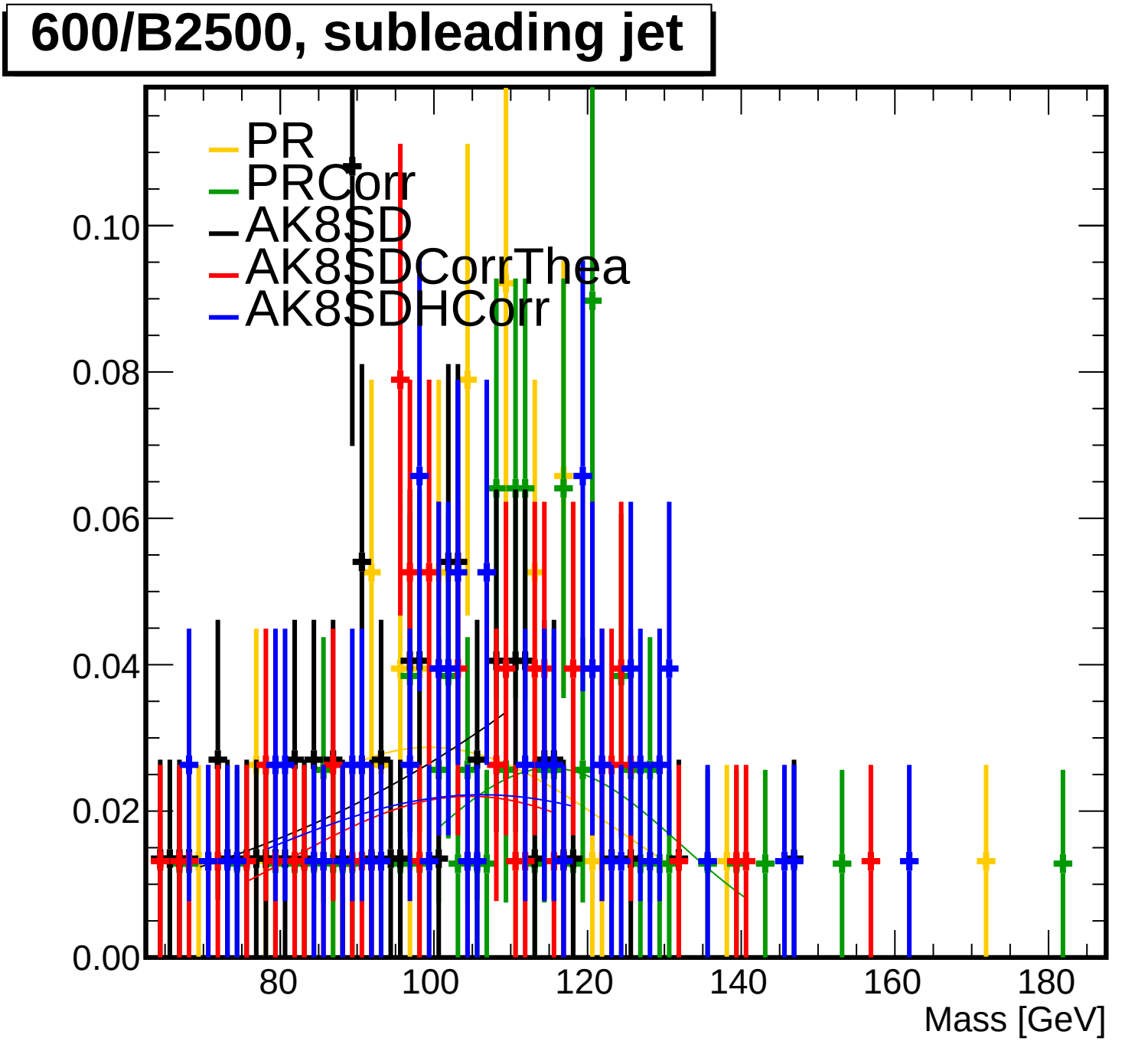
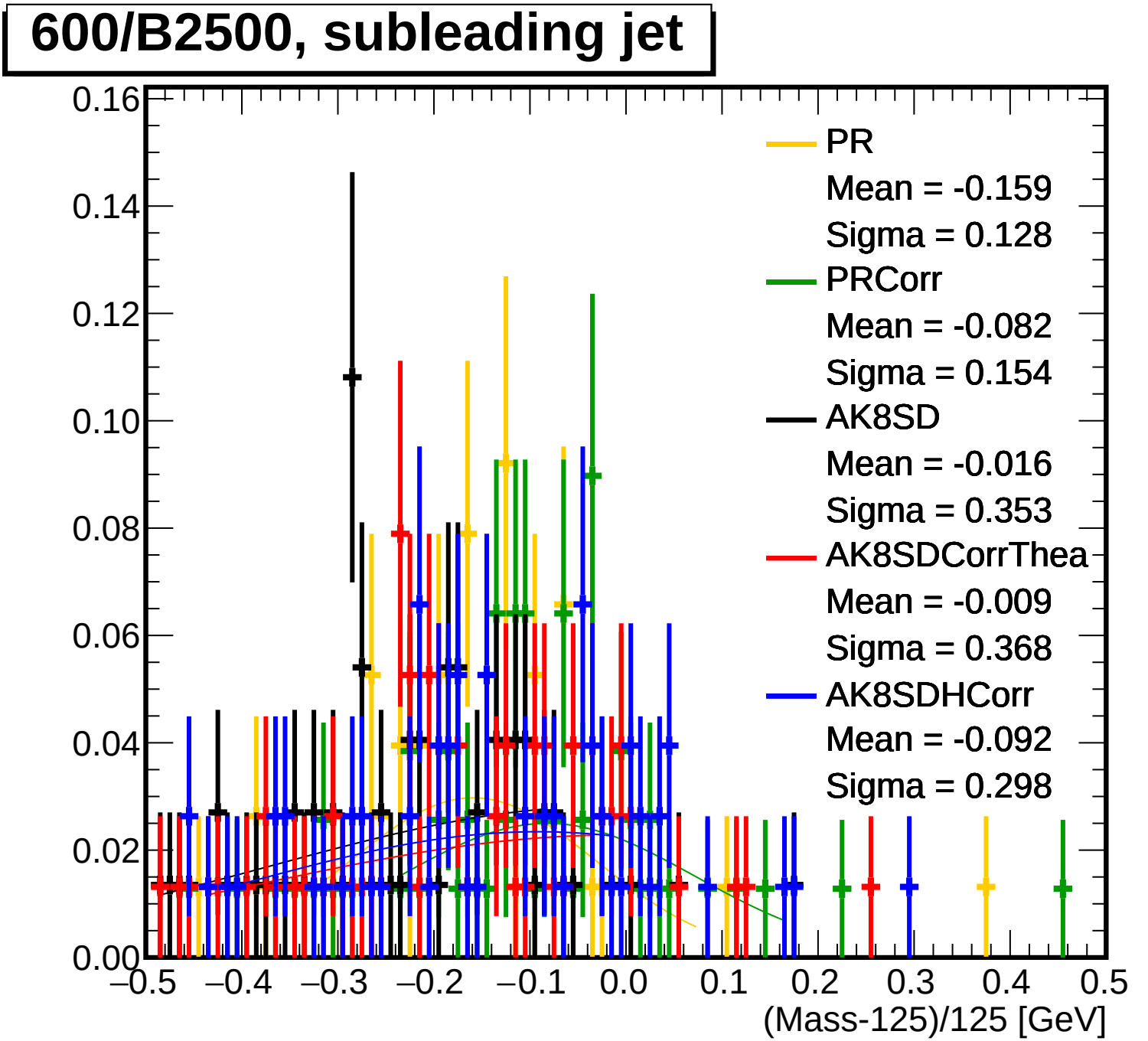
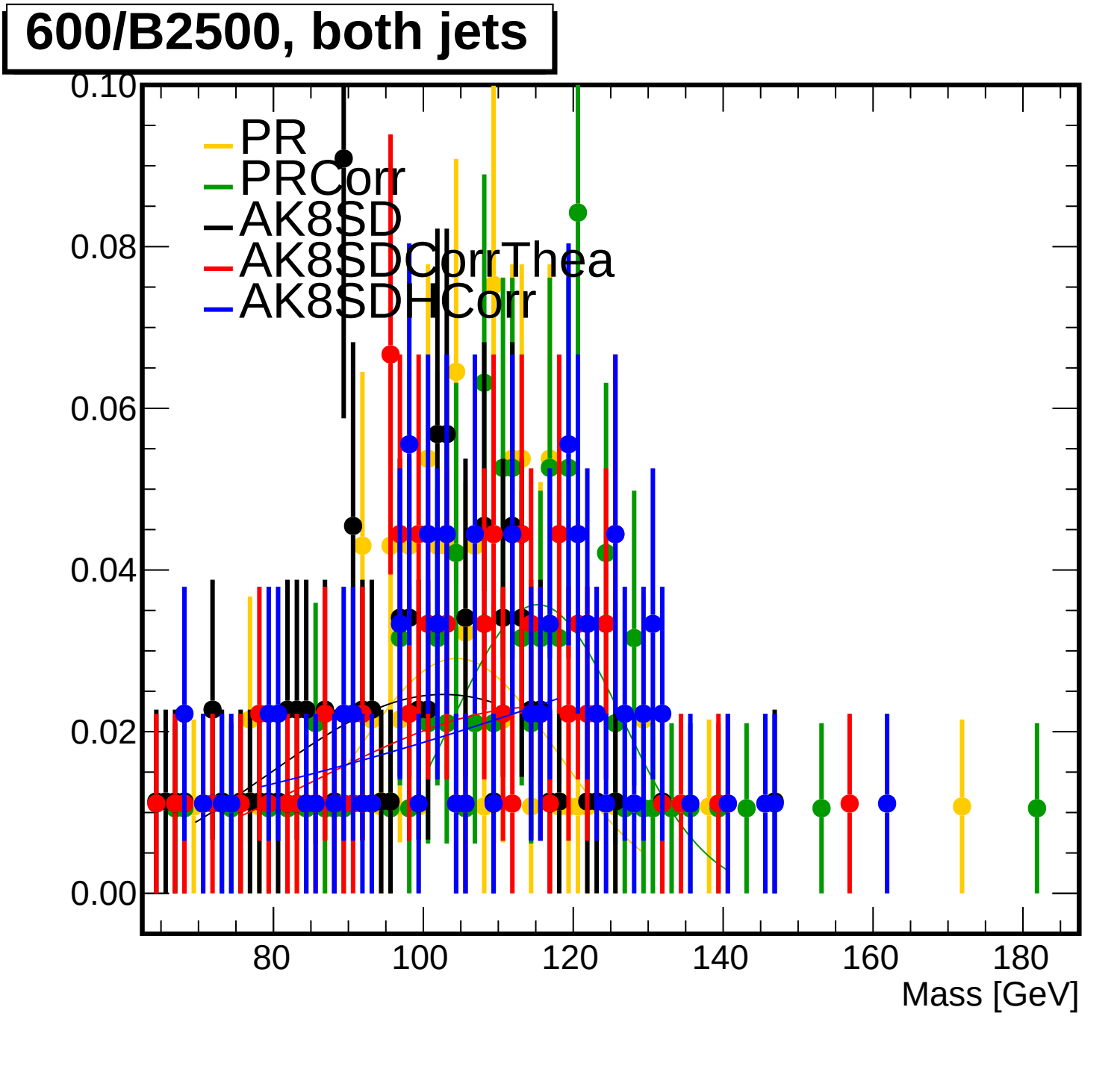
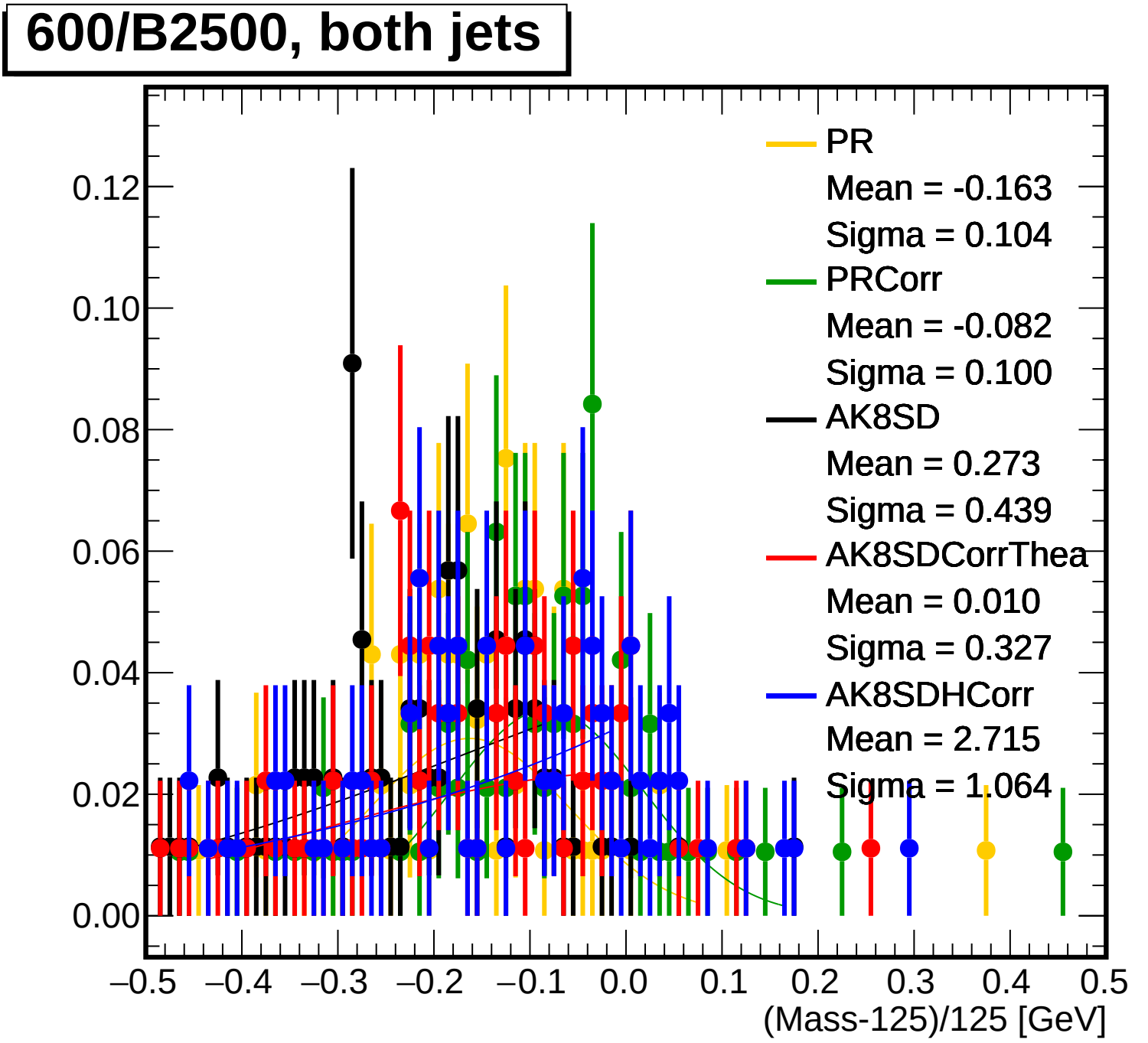

600/B2500, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

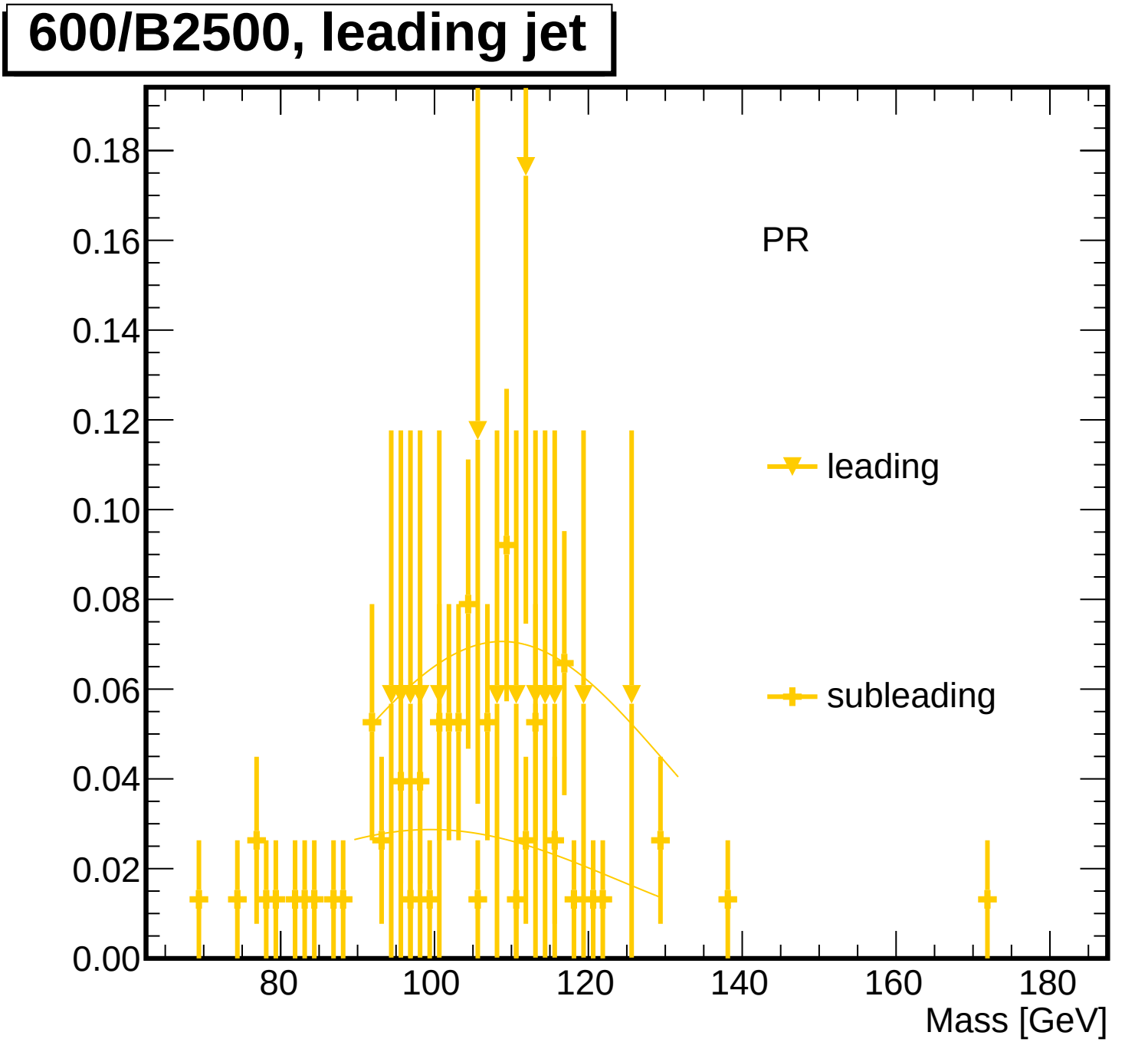

600/B2500, leading jet
PR
Mean = -0.130
Sigma = 0.174
PRCorr
Mean = -0.076
Sigma = 0.145
AK8SD
Mean = -0.136
Sigma = 0.433
AK8SDCorrThea
Mean = 0.011
Sigma = 0.242
AK8SDHCorr
Mean = 0.485
Sigma = 0.823
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

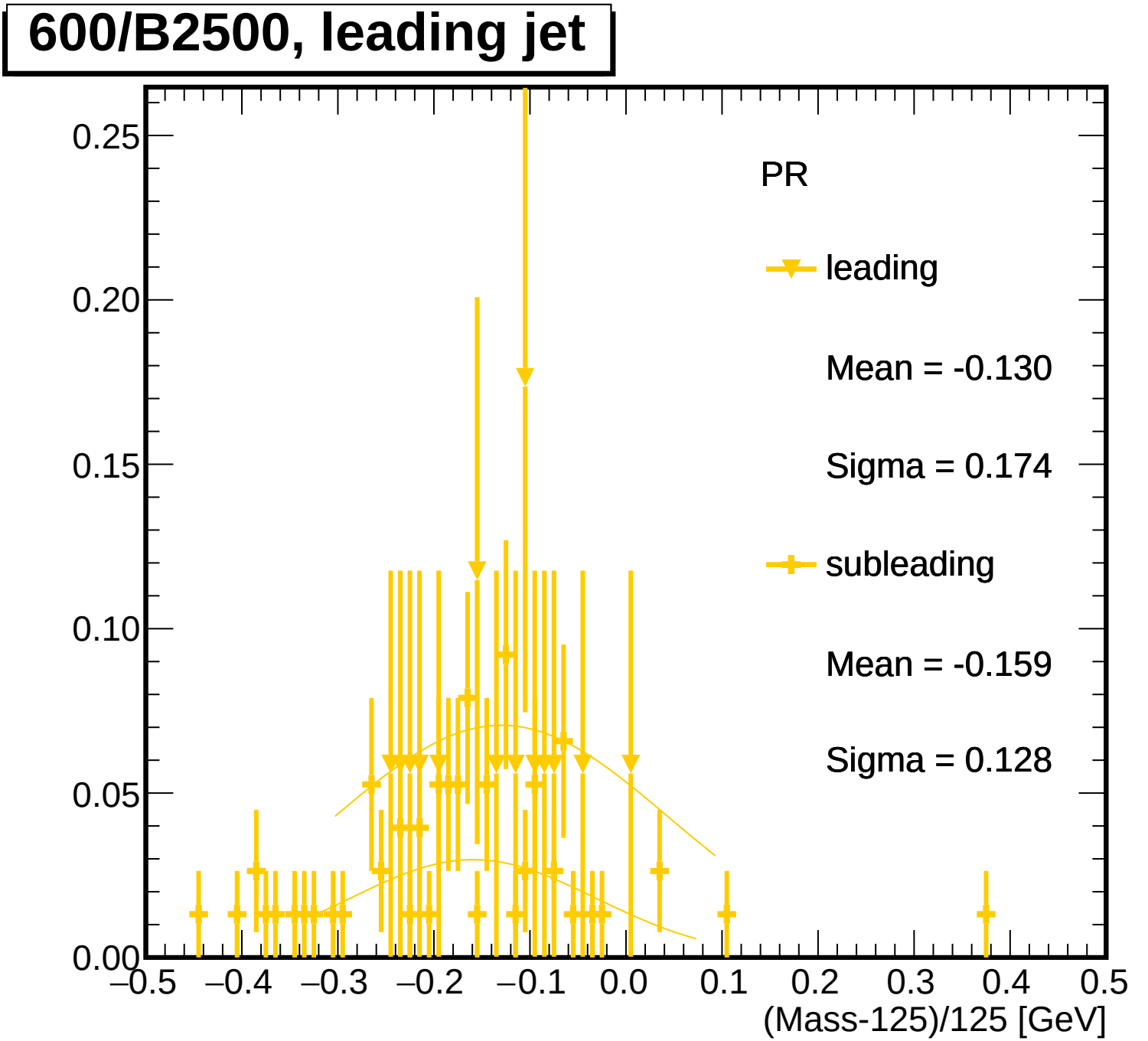

600/B2500, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

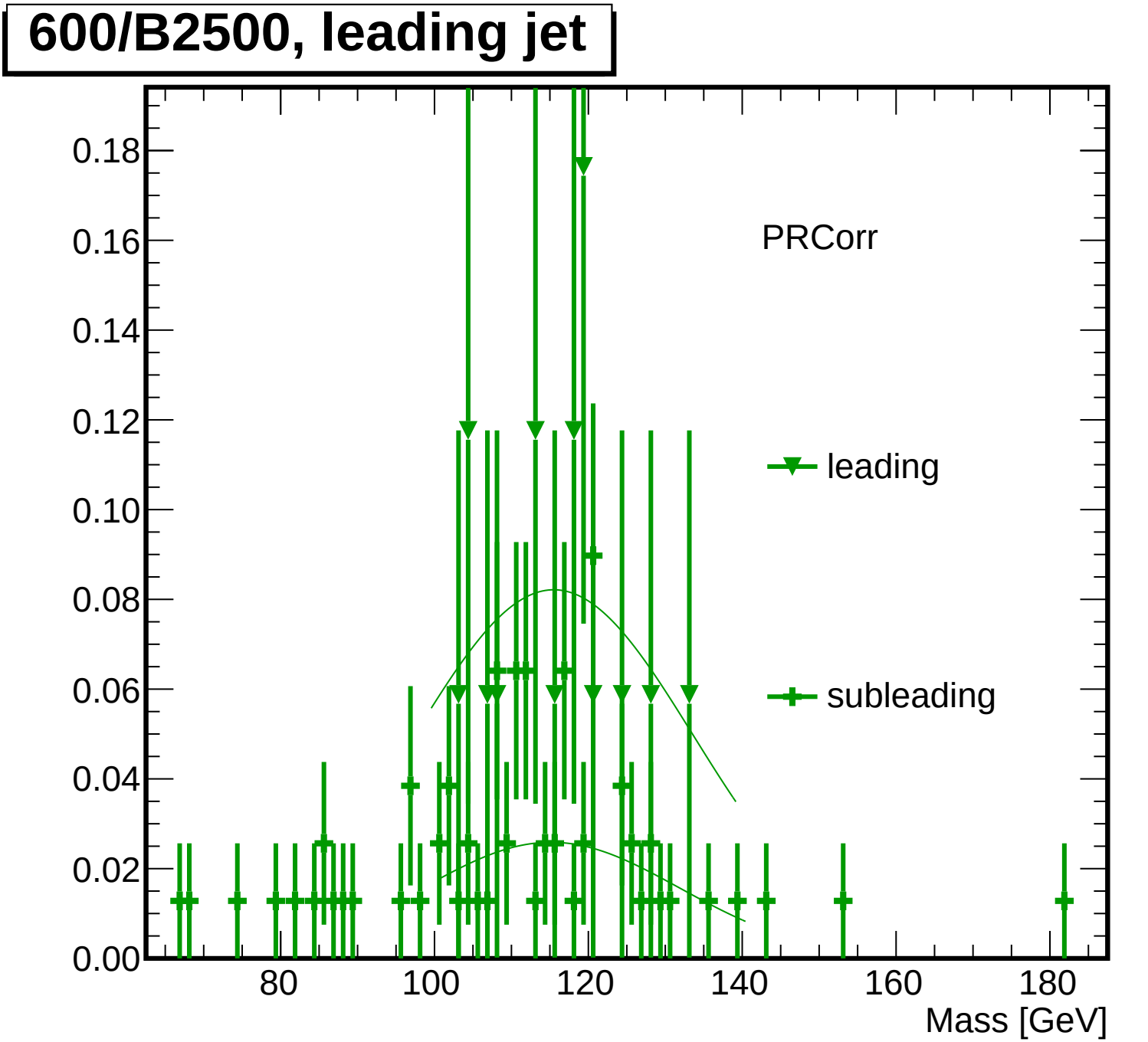

600/B2500, subleading jet
PR
Mean = -0.159
Sigma = 0.128
PRCorr
Mean = -0.082
Sigma = 0.154
AK8SD
Mean = -0.016
Sigma = 0.353
AK8SDCorrThea
Mean = -0.009
Sigma = 0.368
AK8SDHCorr
Mean = -0.092
Sigma = 0.298
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

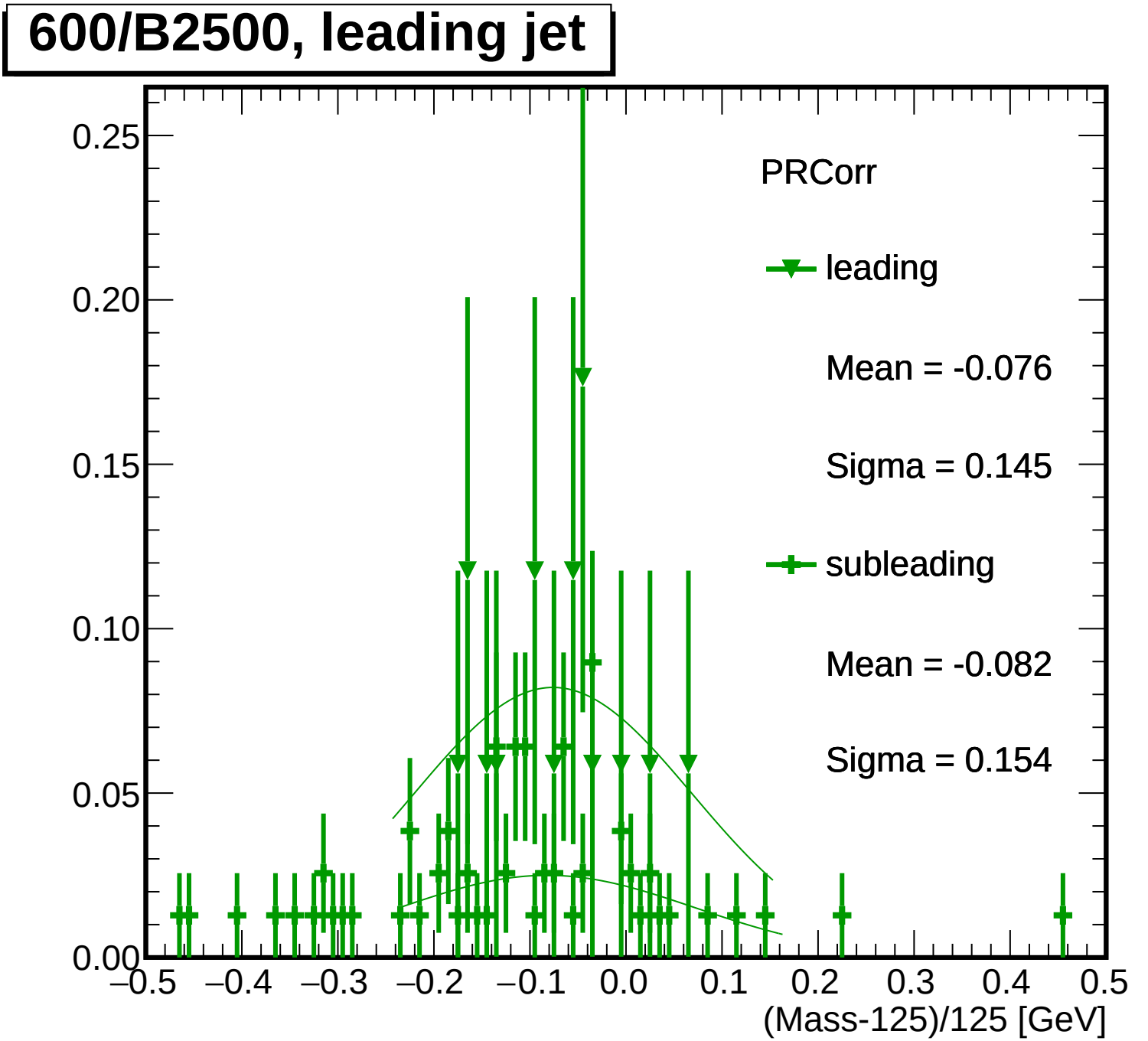

600/B2500, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

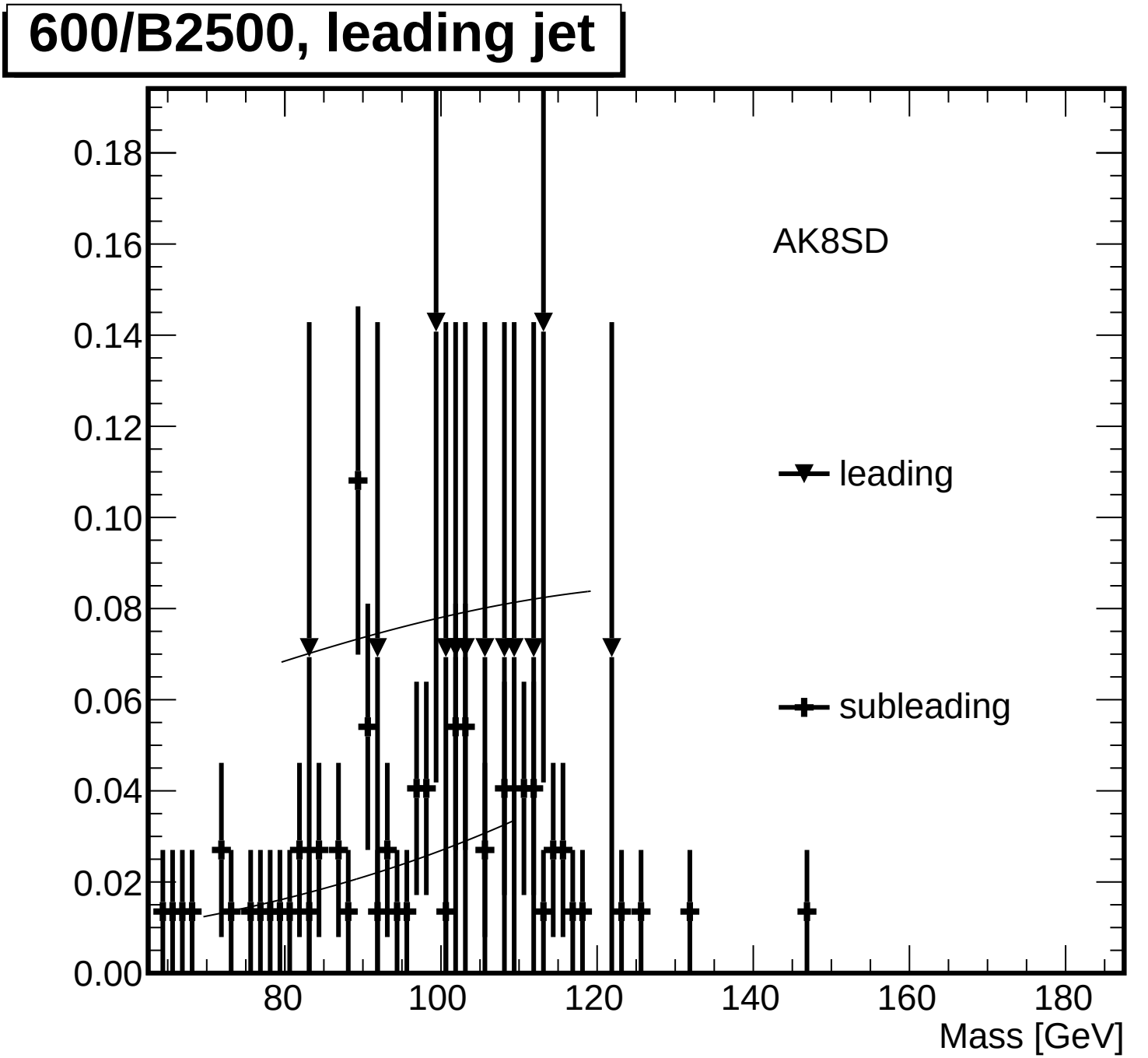

600/B2500, both jets
PR
Mean = -0.163
Sigma = 0.104
PRCorr
Mean = -0.082
Sigma = 0.100
AK8SD
Mean = 0.273
Sigma = 0.439
AK8SDCorrThea
Mean = 0.010
Sigma = 0.327
AK8SDHCorr
Mean = 2.715
Sigma = 1.064
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

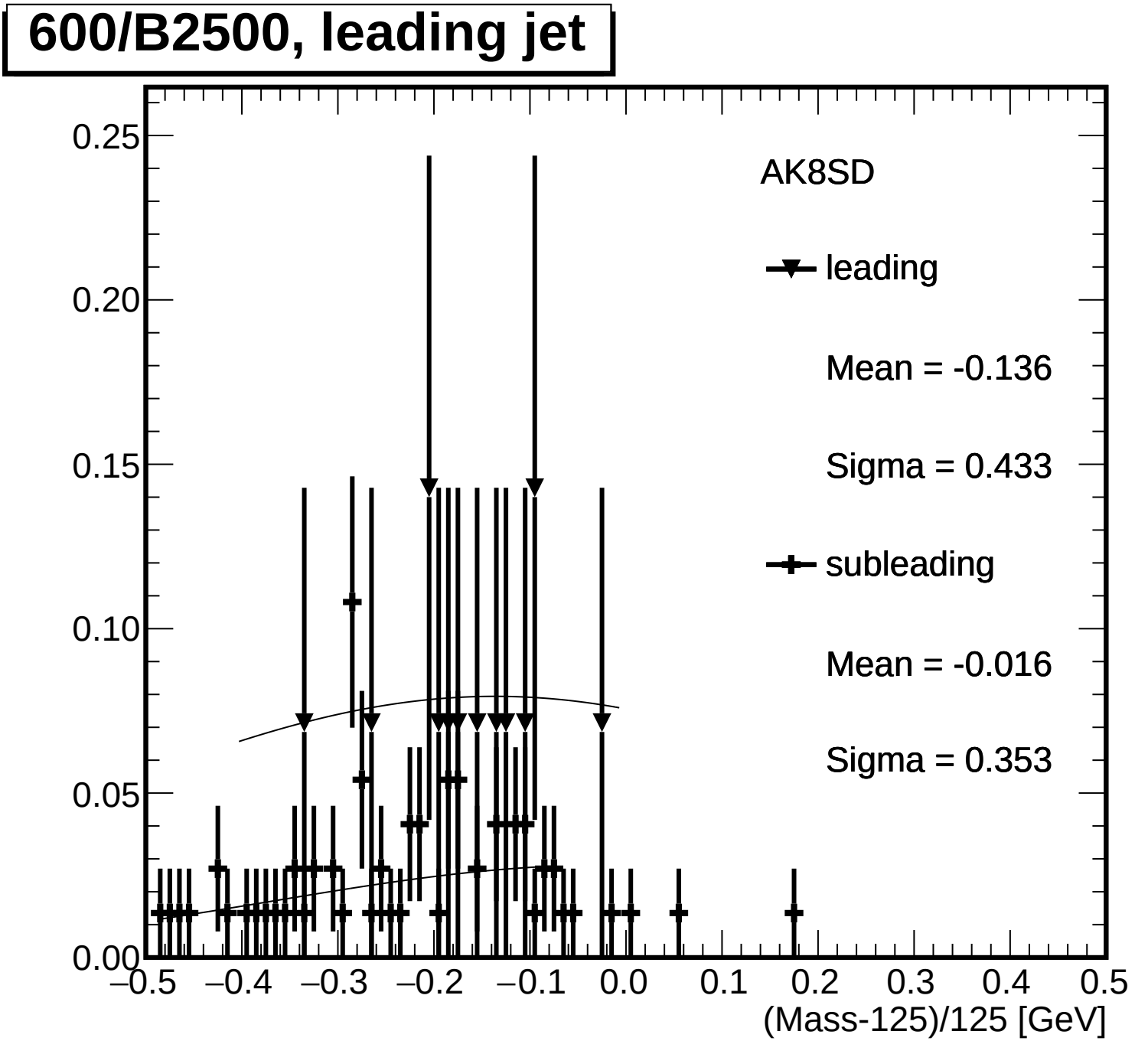

600/B2500, leading jet
PR
leading
subleading
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

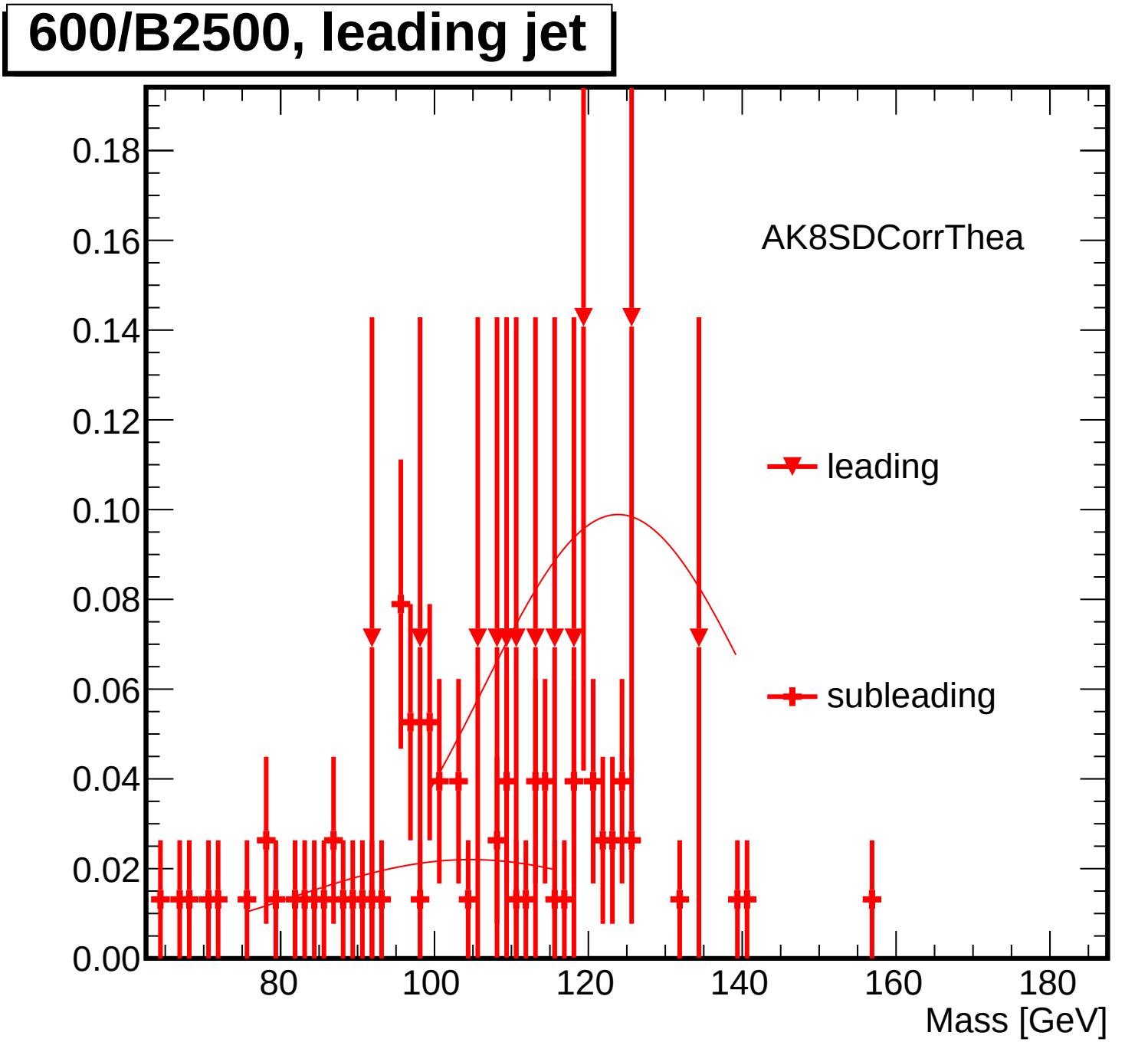

600/B2500, leading jet
PR
leading
Mean = -0.130
Sigma = 0.174
subleading
Mean = -0.159
Sigma = 0.128
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

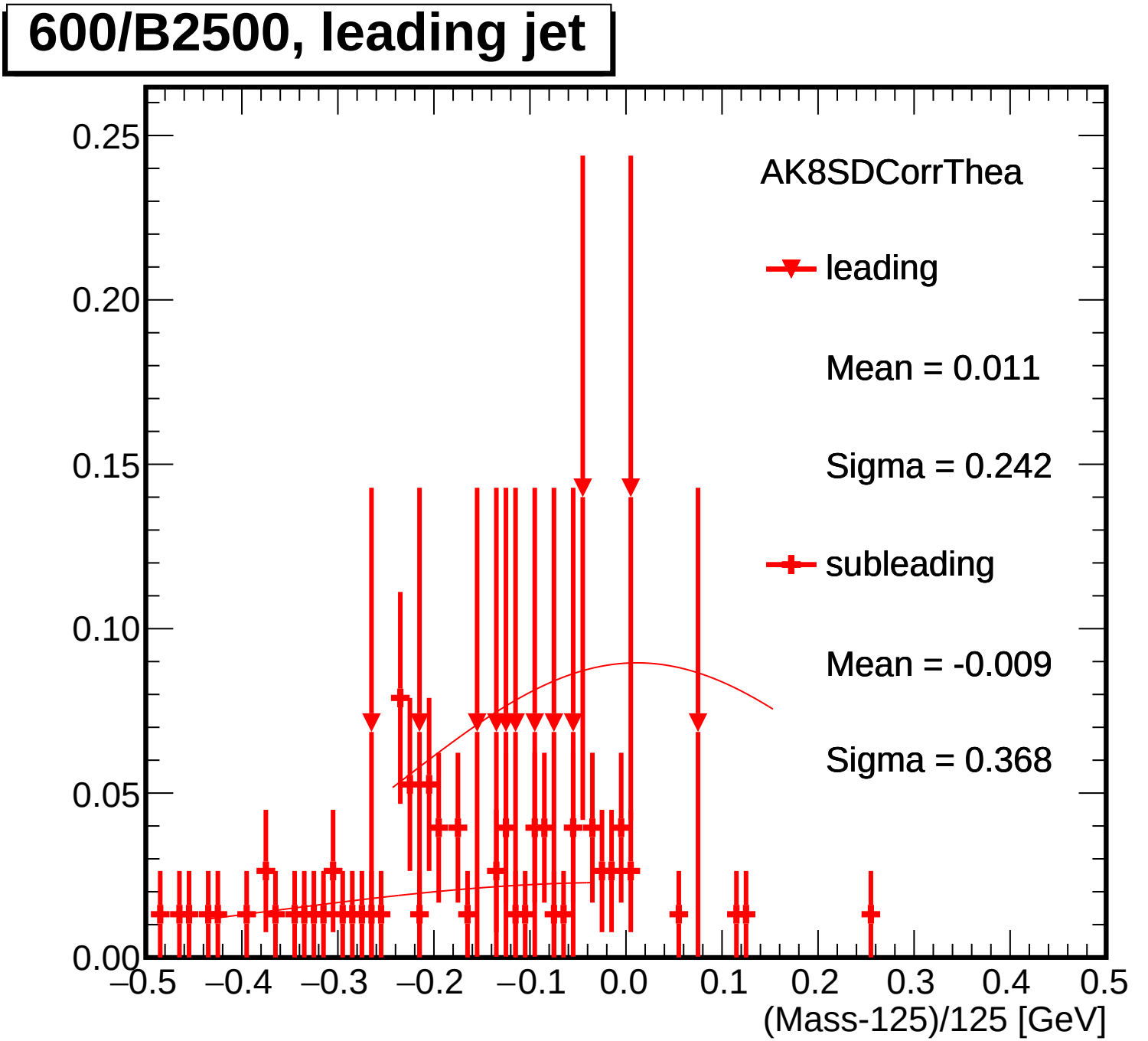

600/B2500, leading jet
PRCorr
leading
subleading
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

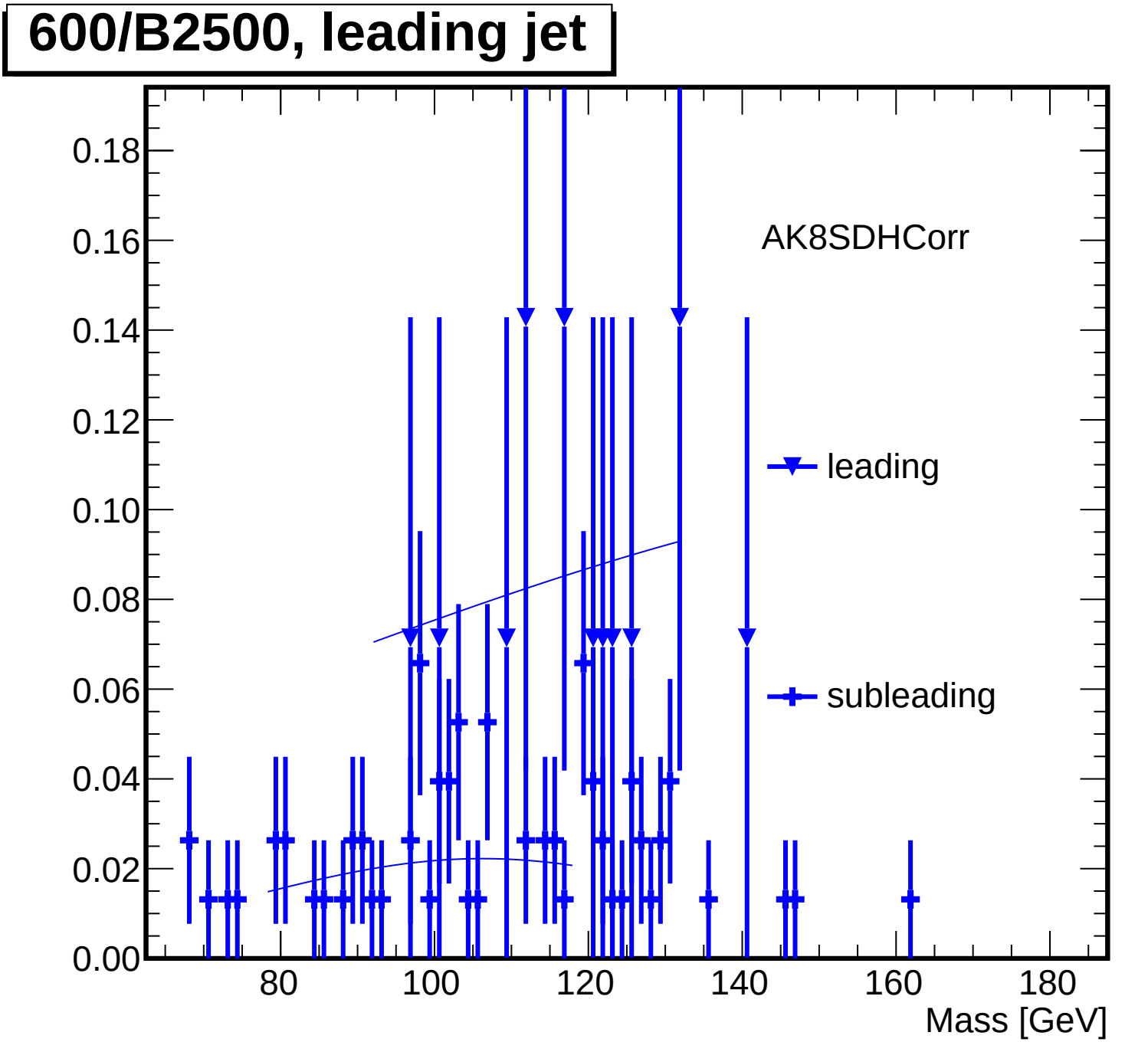

600/B2500, leading jet
PRCorr
leading
Mean = -0.076
Sigma = 0.145
subleading
Mean = -0.082
Sigma = 0.154
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

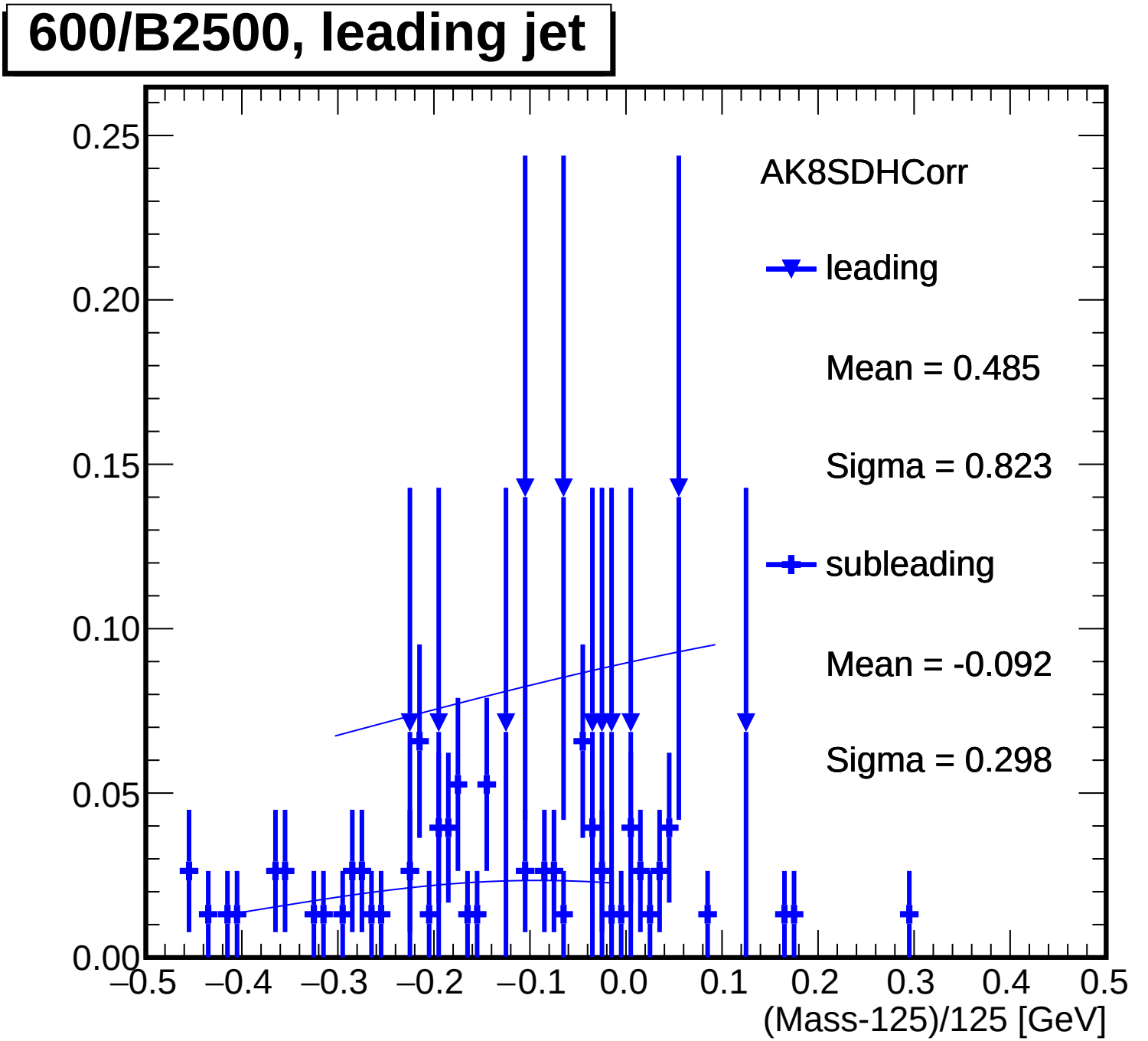

600/B2500, leading jet
AK8SD
leading
subleading
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


600/B2500, leading jet
AK8SD
leading
Mean = -0.136
Sigma = 0.433
subleading
Mean = -0.016
Sigma = 0.353
0.25
0.20
0.15
0.10
0.05
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]


600/B2500, leading jet
AK8SDCorrThea
leading
subleading
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


600/B2500, leading jet
AK8SDCorrThea
leading
Mean = 0.011
Sigma = 0.242
subleading
Mean = -0.009
Sigma = 0.368
0.25
0.20
0.15
0.10
0.05
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]


600/B2500, leading jet
AK8SDHCorr
leading
subleading
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


600/B2500, leading jet
AK8SDHCorr
leading
Mean = 0.485
Sigma = 0.823
subleading
Mean = -0.092
Sigma = 0.298
0.25
0.20
0.15
0.10
0.05
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]