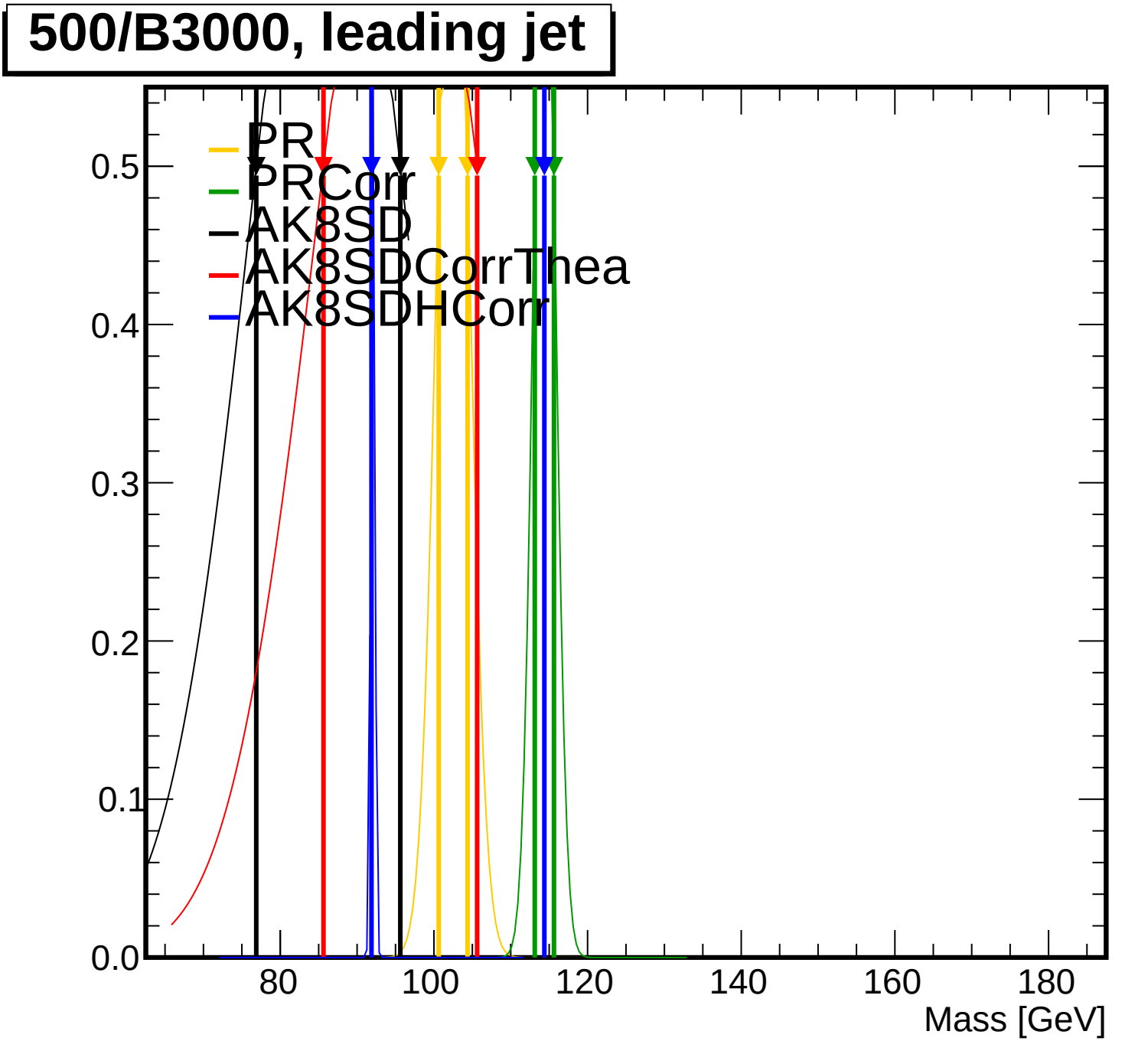
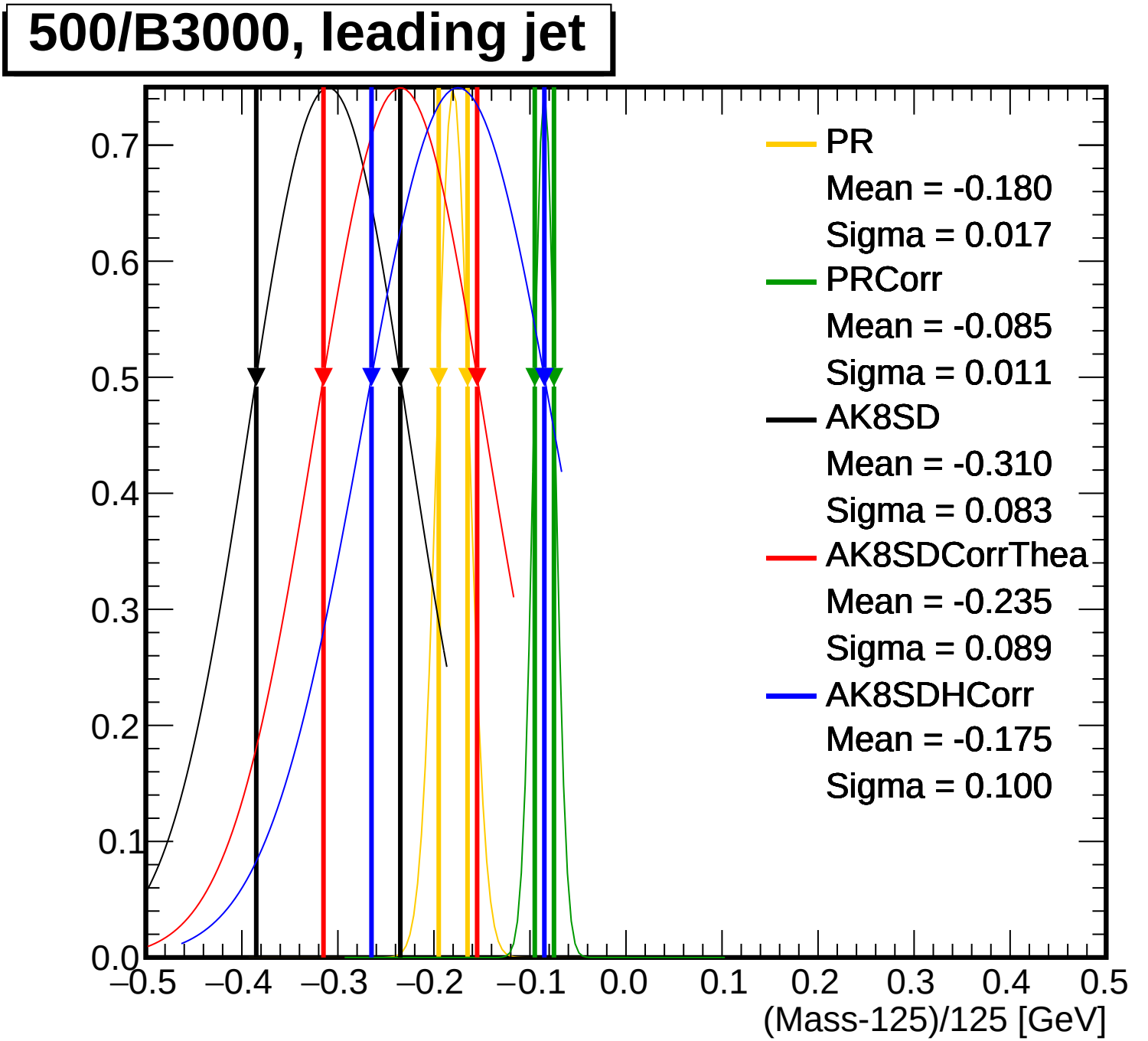
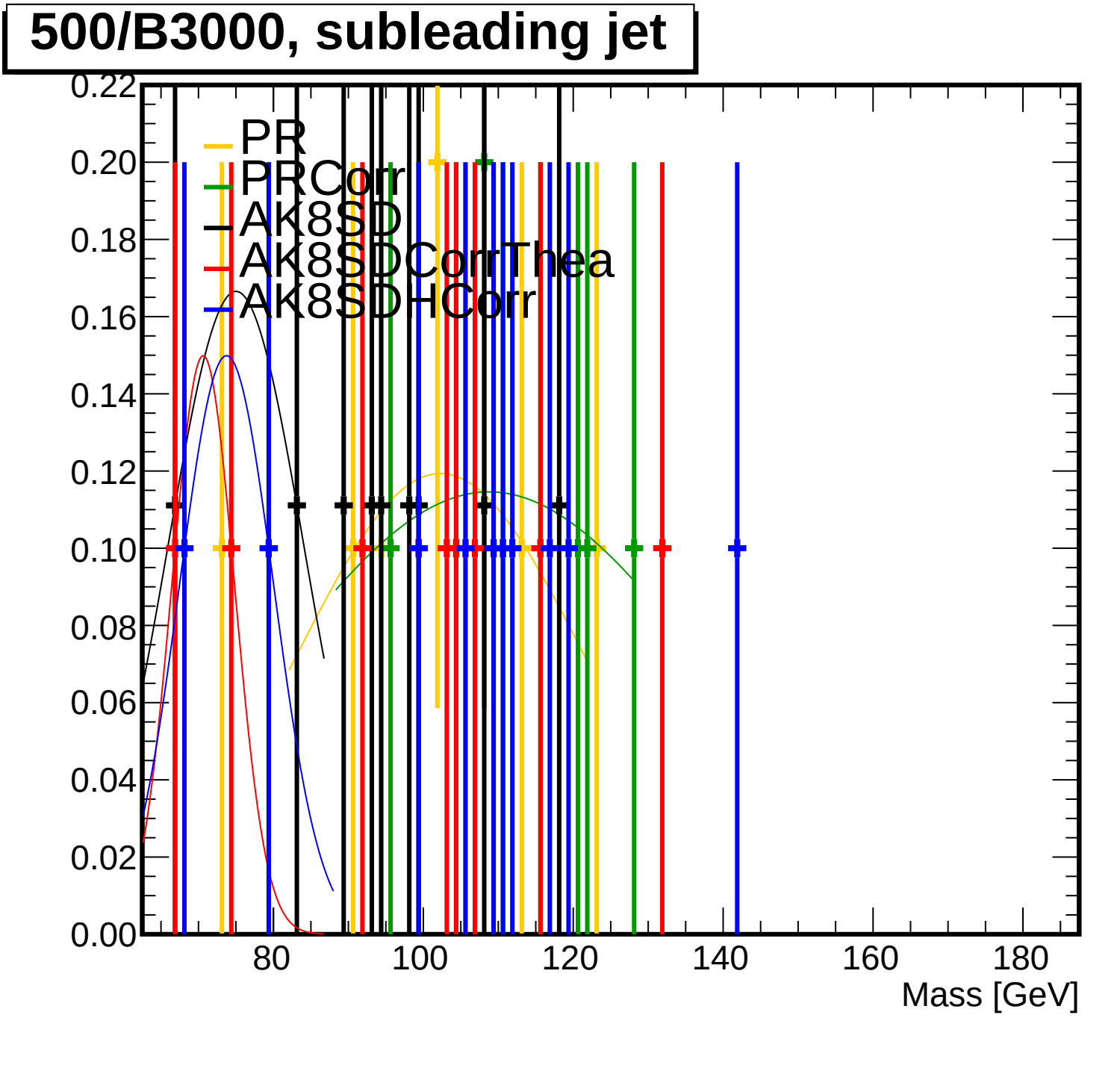
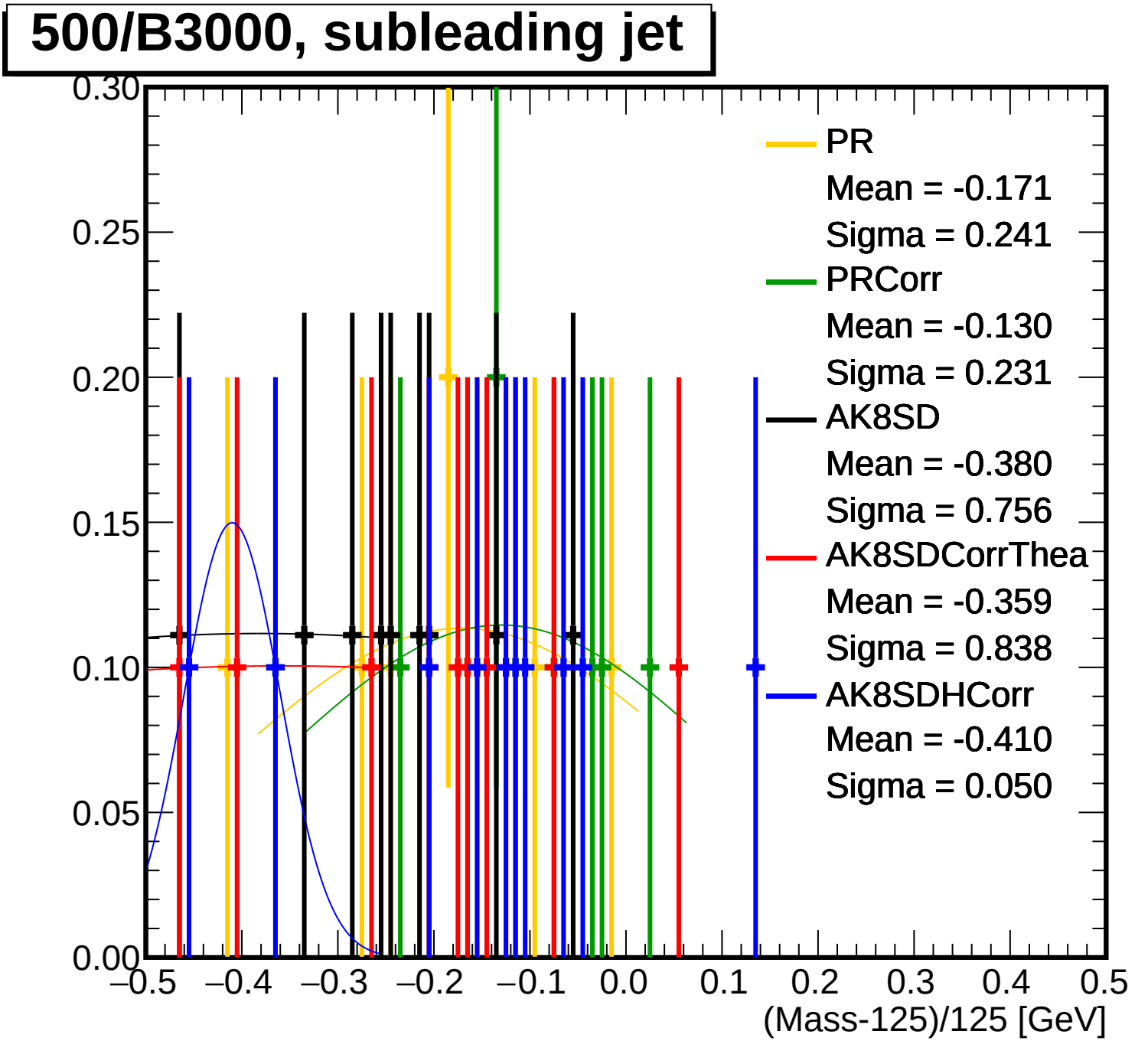
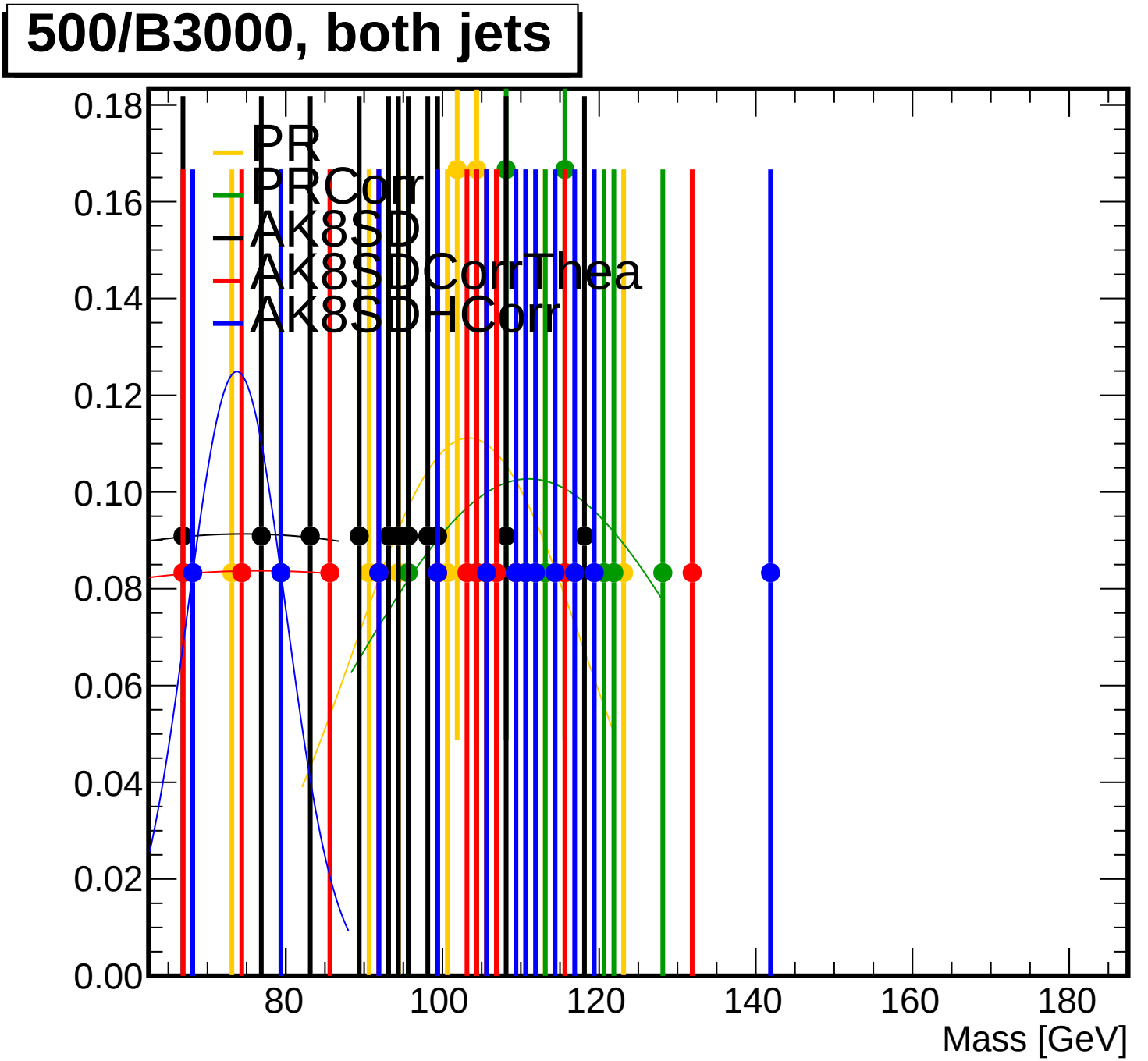
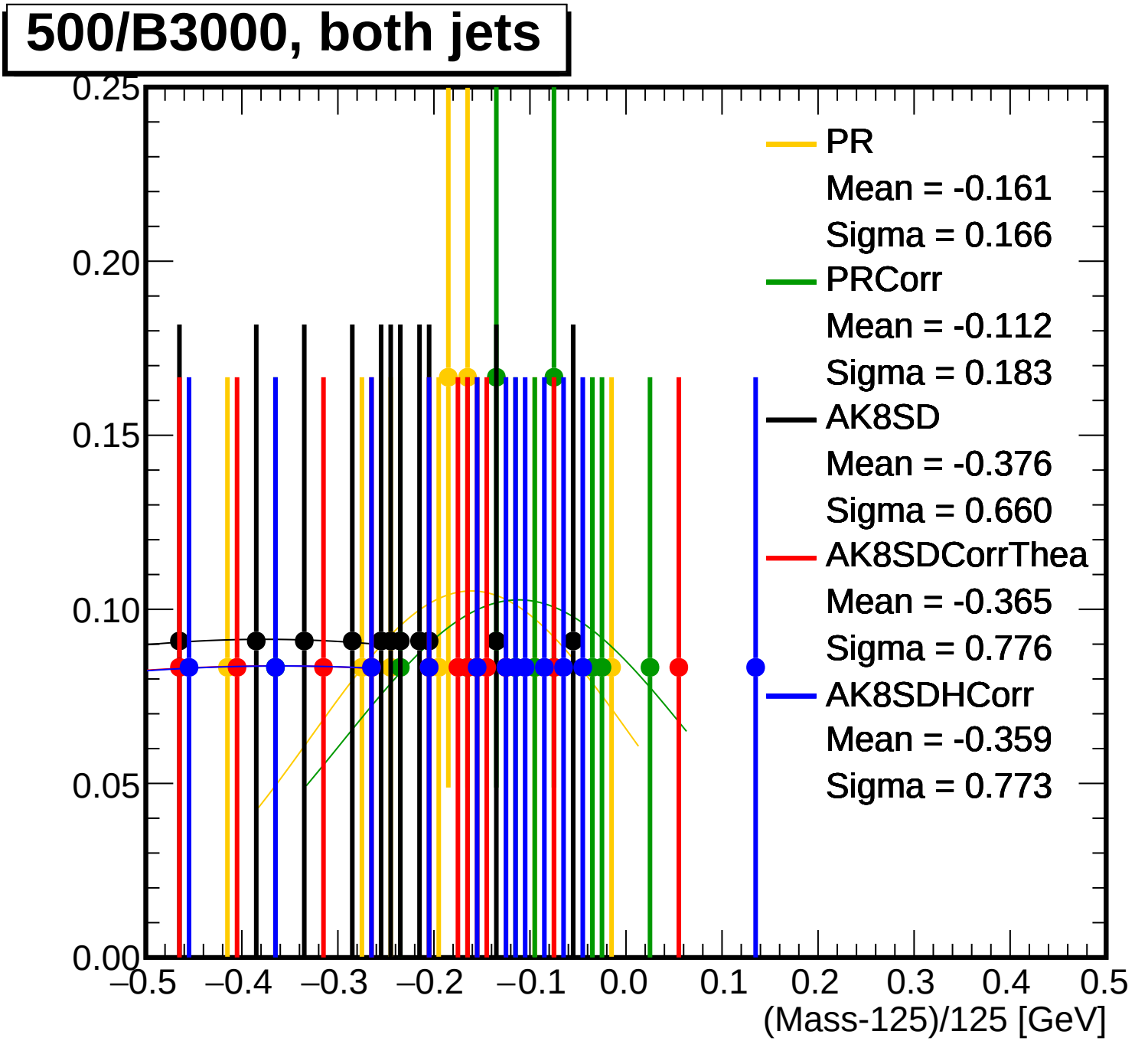

500/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]

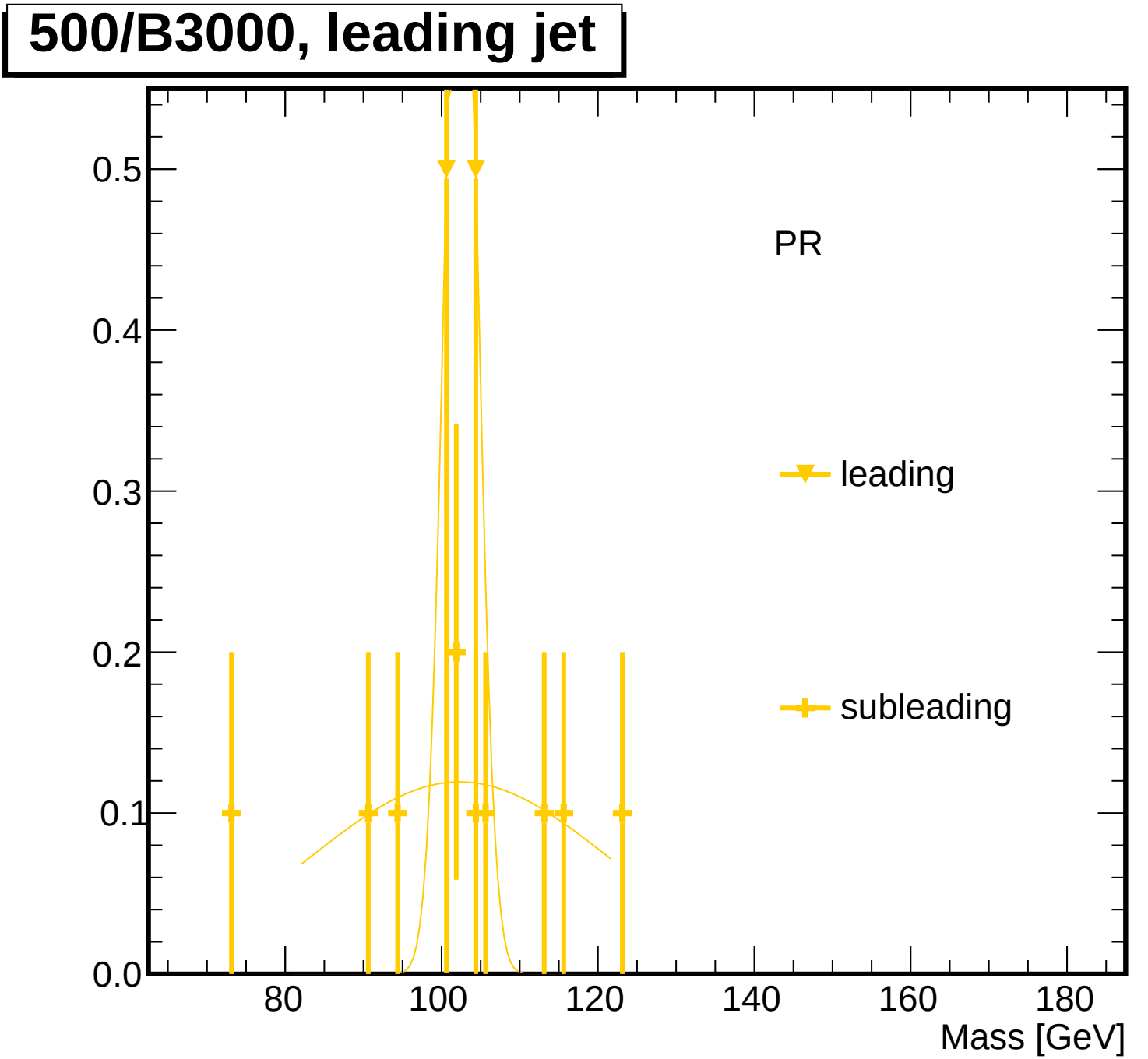

500/B3000, leading jet
PR
Mean = -0.180
Sigma = 0.017
PRCorr
Mean = -0.085
Sigma = 0.011
AK8SD
Mean = -0.310
Sigma = 0.083
AK8SDCorrThea
Mean = -0.235
Sigma = 0.089
AK8SDHCorr
Mean = -0.175
Sigma = 0.100
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

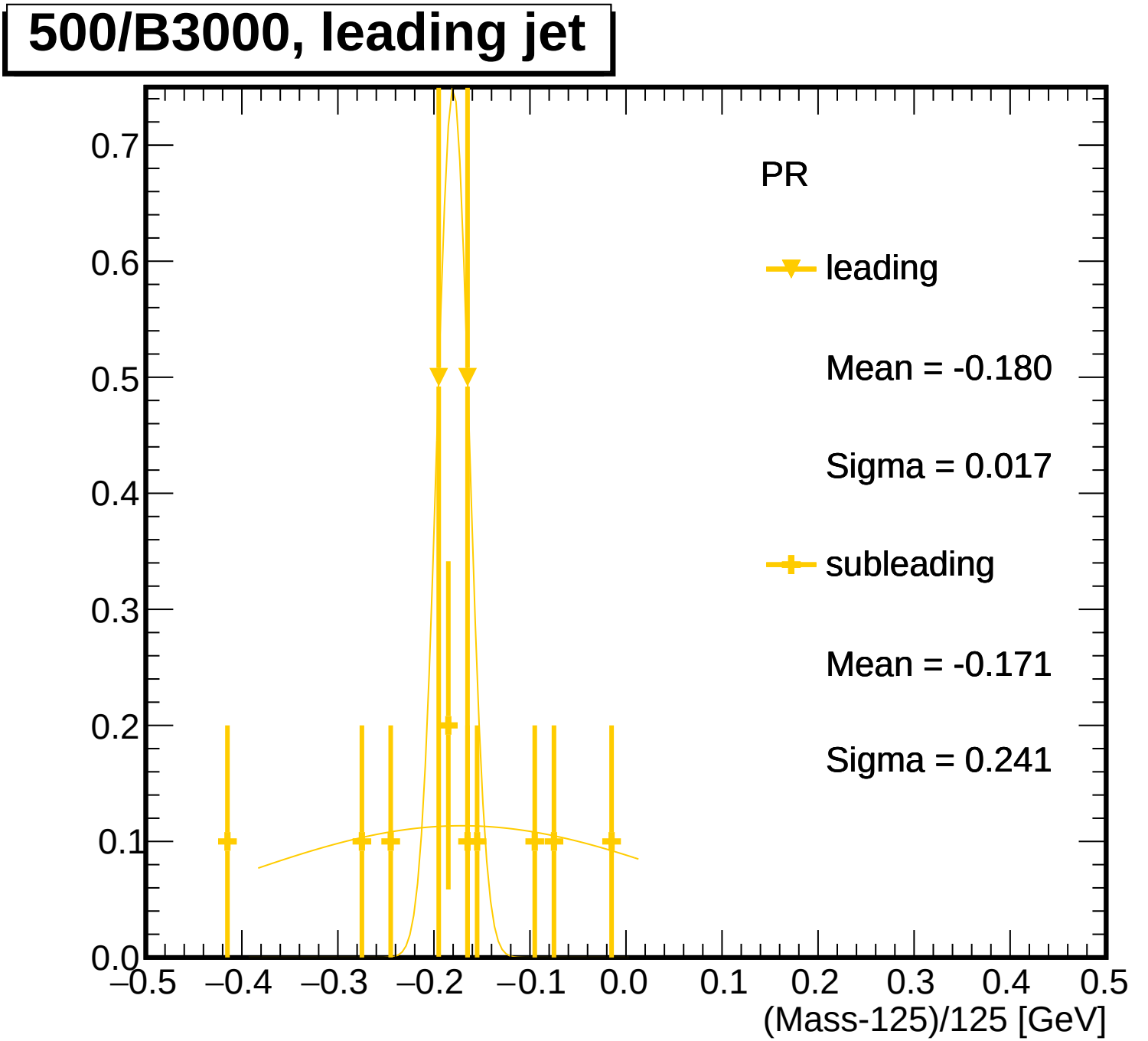

500/B3000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

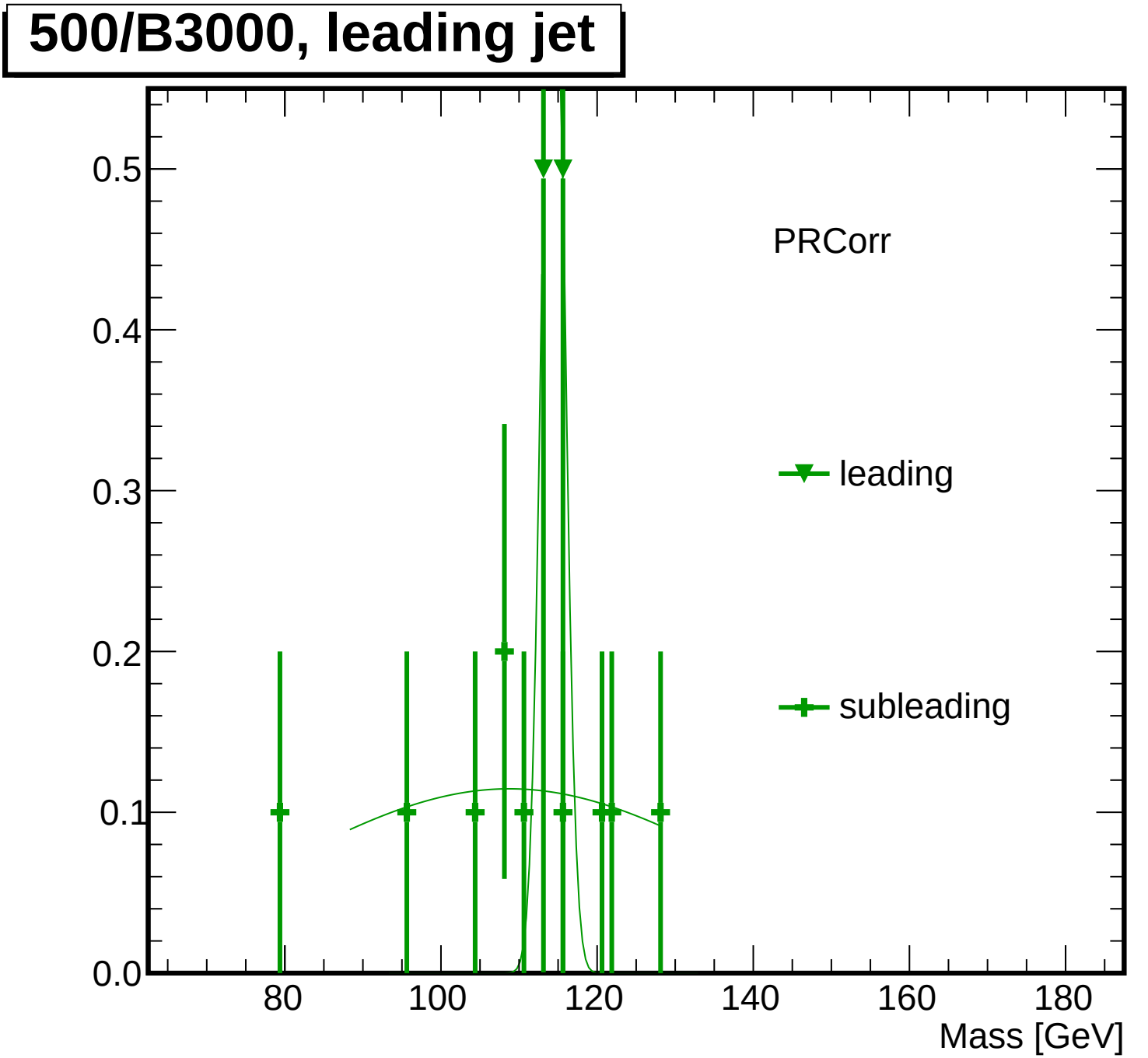

500/B3000, subleading jet
PR
Mean = -0.171
Sigma = 0.241
PRCorr
Mean = -0.130
Sigma = 0.231
AK8SD
Mean = -0.380
Sigma = 0.756
AK8SDCorrThea
Mean = -0.359
Sigma = 0.838
AK8SDHCorr
Mean = -0.410
Sigma = 0.050
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

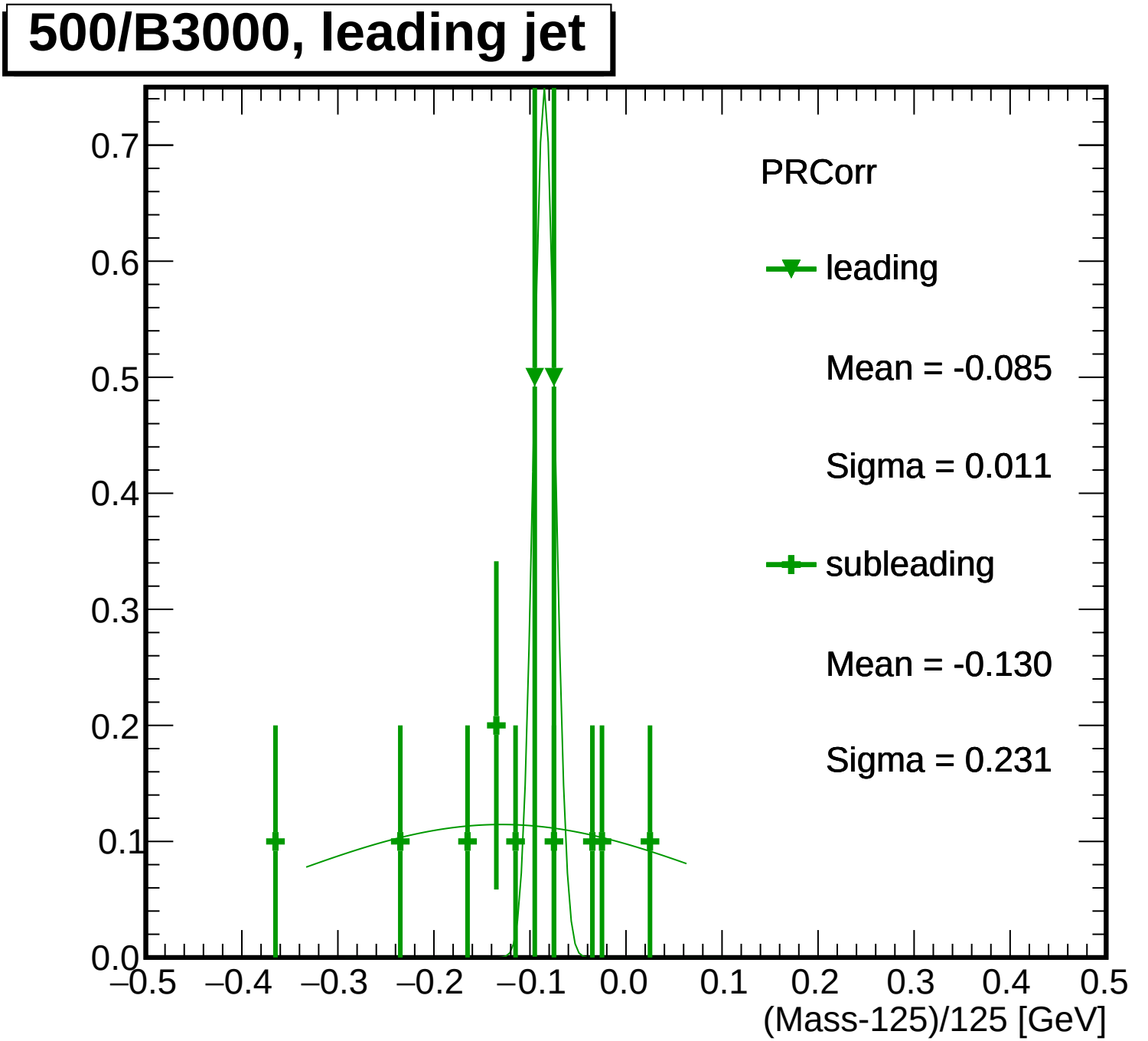

500/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

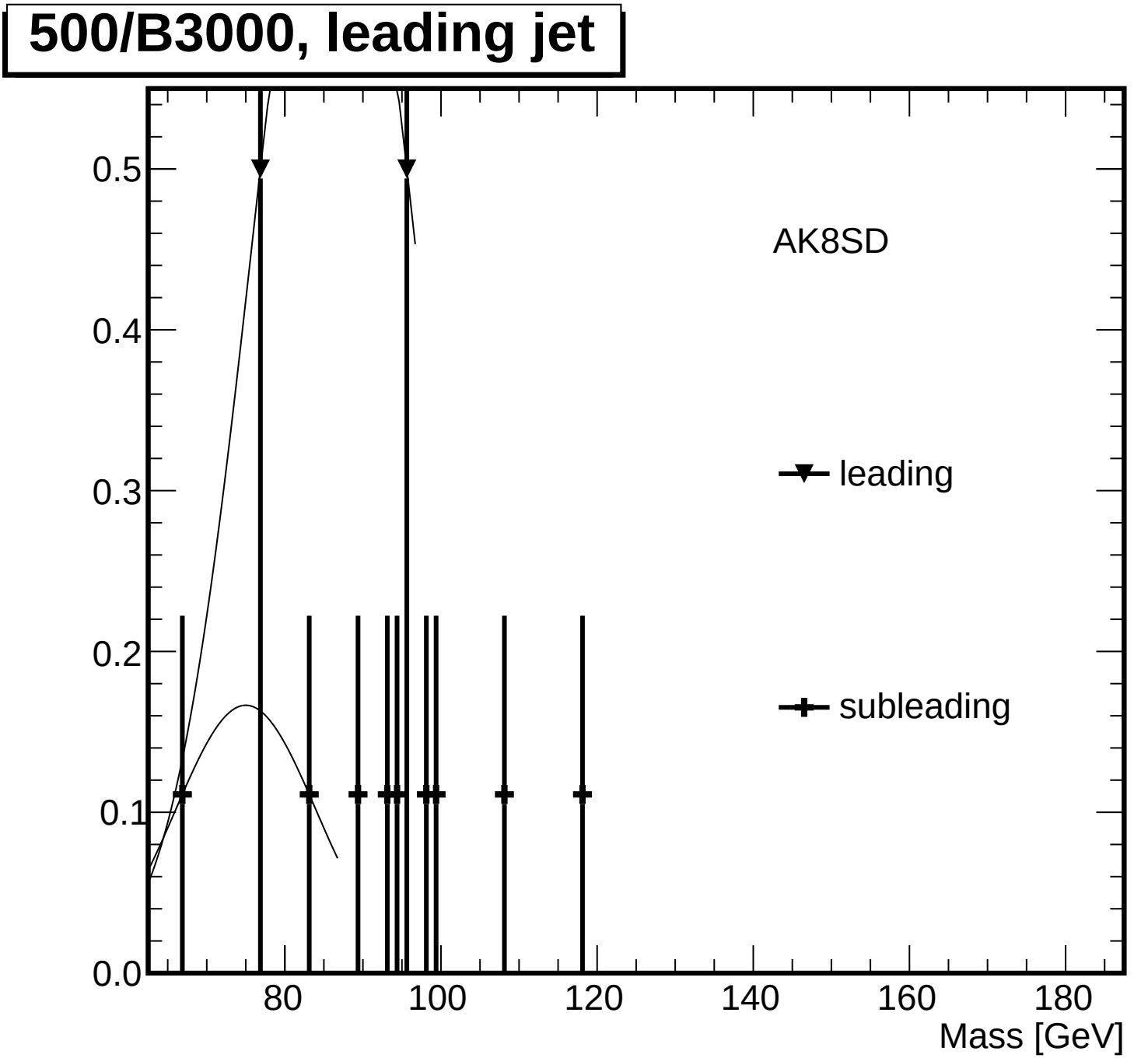

500/B3000, both jets
PR
Mean = -0.161
Sigma = 0.166
PRCorr
Mean = -0.112
Sigma = 0.183
AK8SD
Mean = -0.376
Sigma = 0.660
AK8SDCorrThea
Mean = -0.365
Sigma = 0.776
AK8SDHCorr
Mean = -0.359
Sigma = 0.773
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

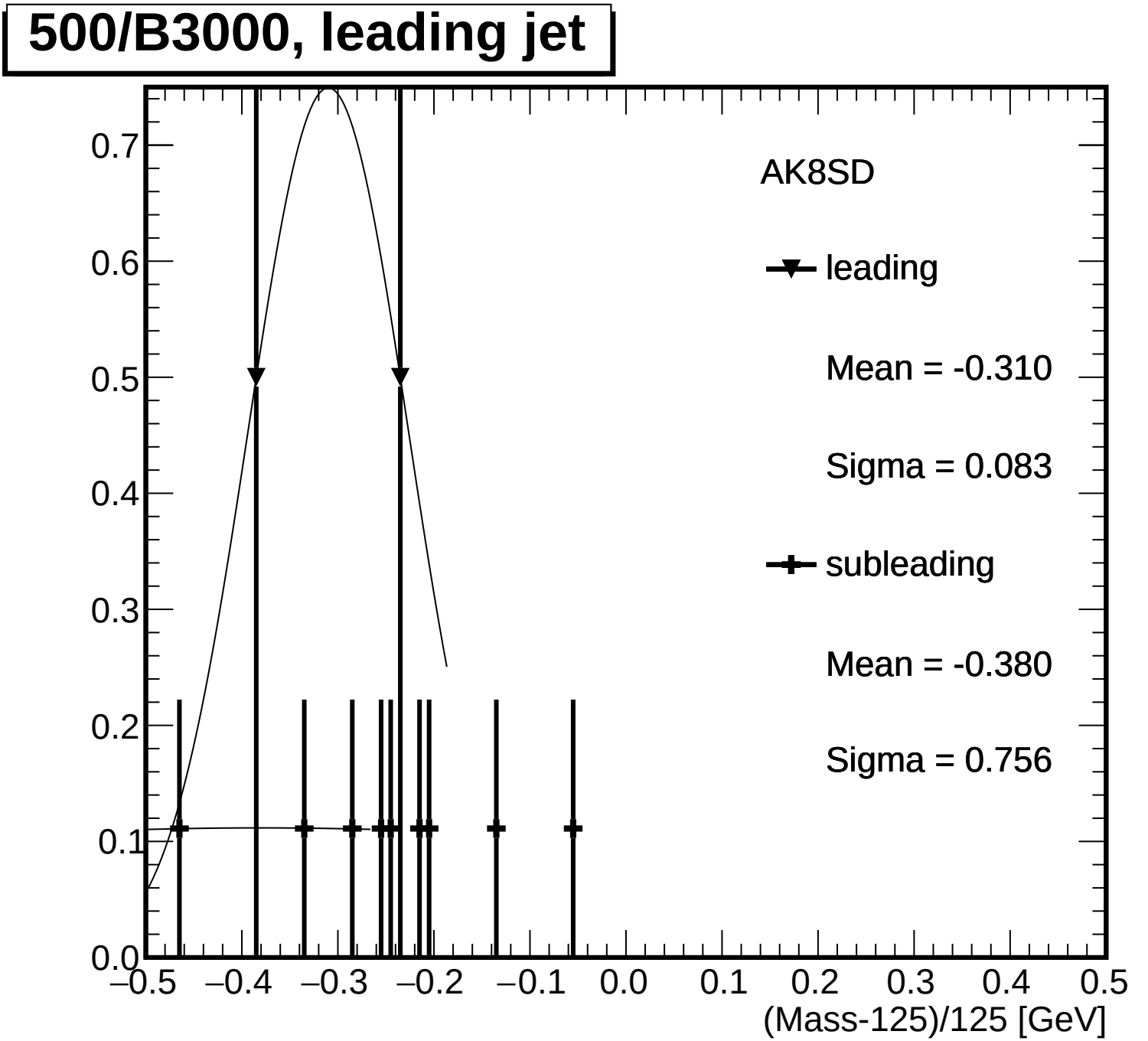

500/B3000, leading jet
PR
leading
subleading
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]

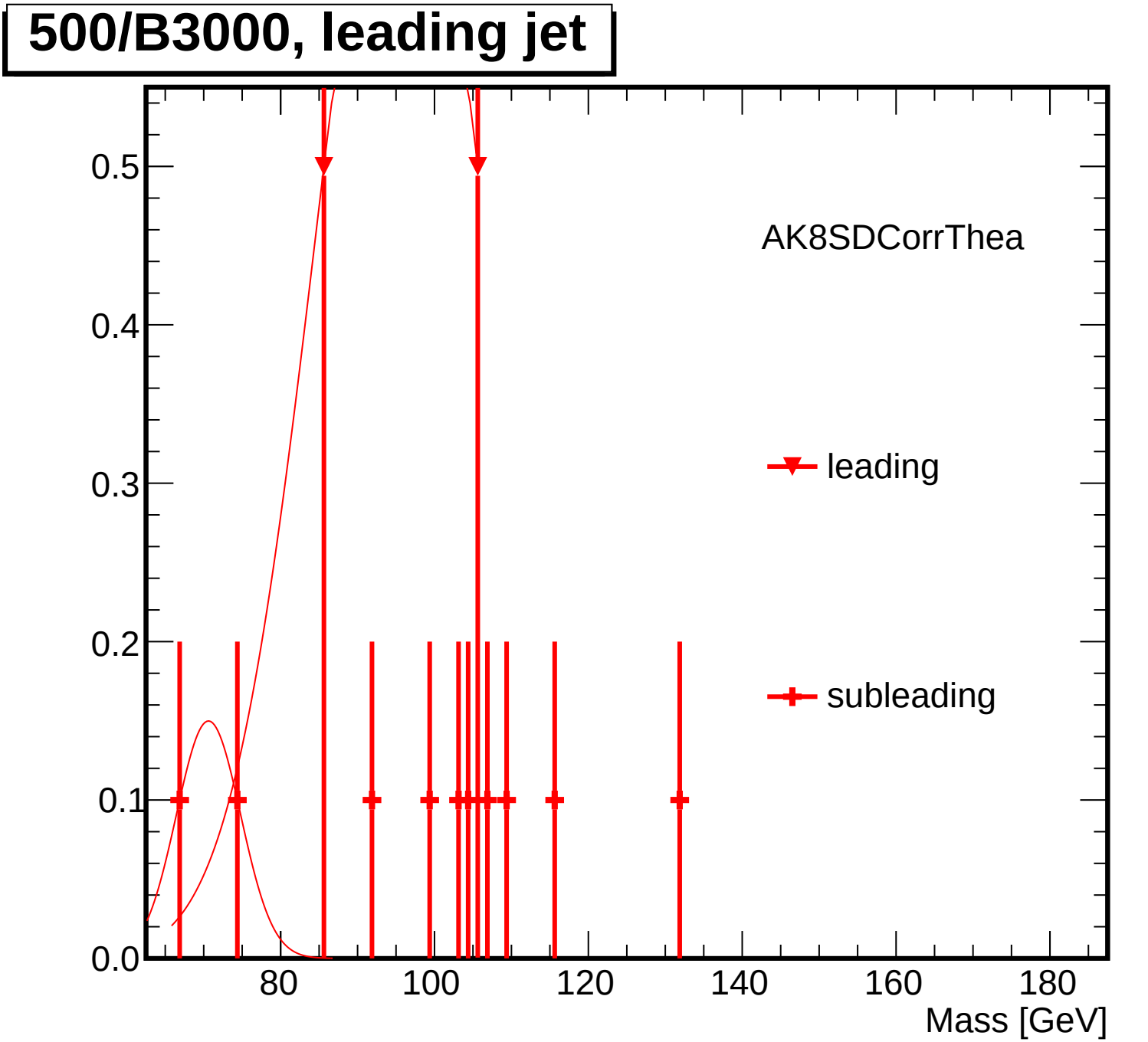

500/B3000, leading jet
PR
leading
Mean = -0.180
Sigma = 0.017
subleading
Mean = -0.171
Sigma = 0.241
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

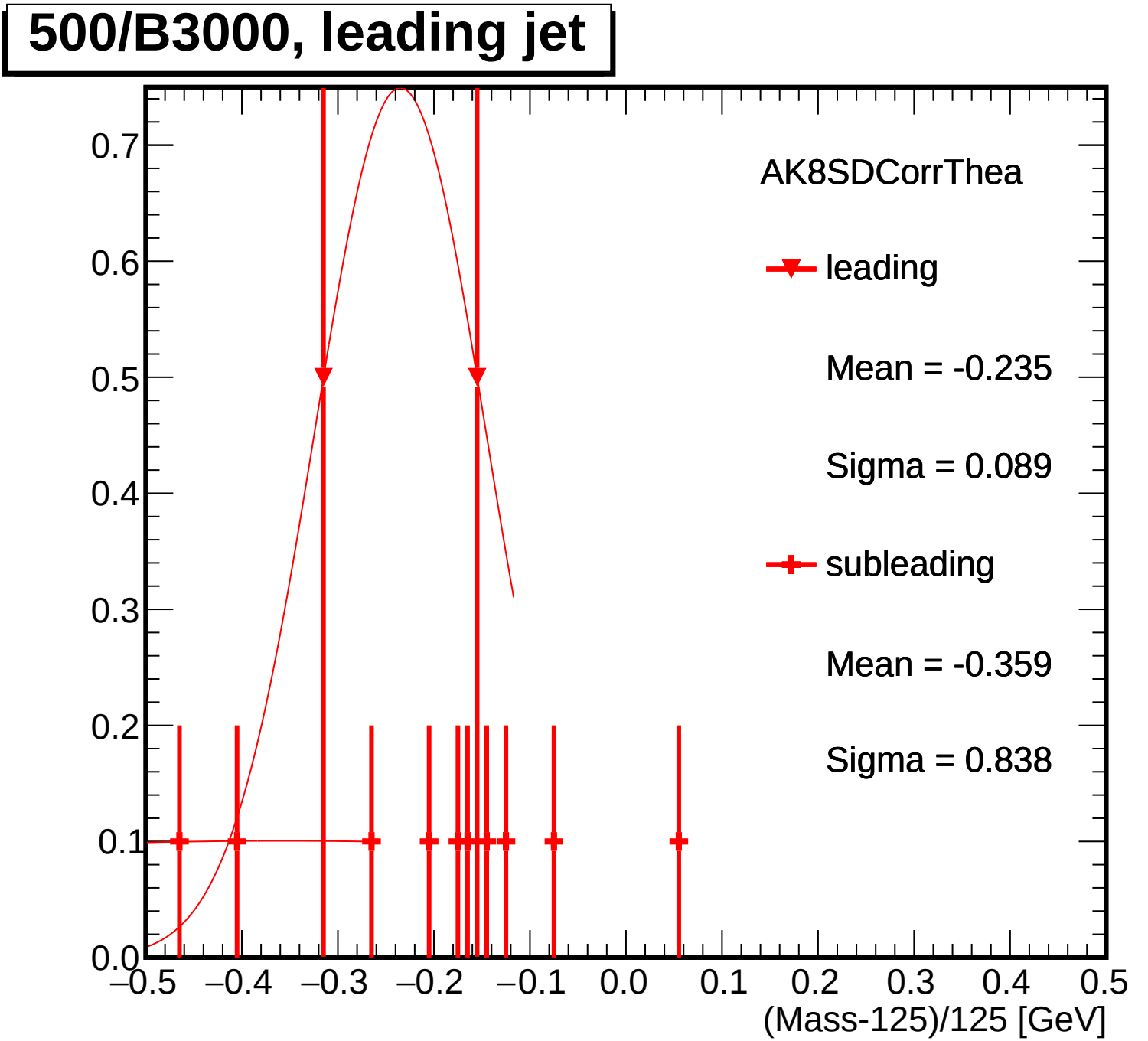

500/B3000, leading jet
PRCorr
leading
subleading
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]

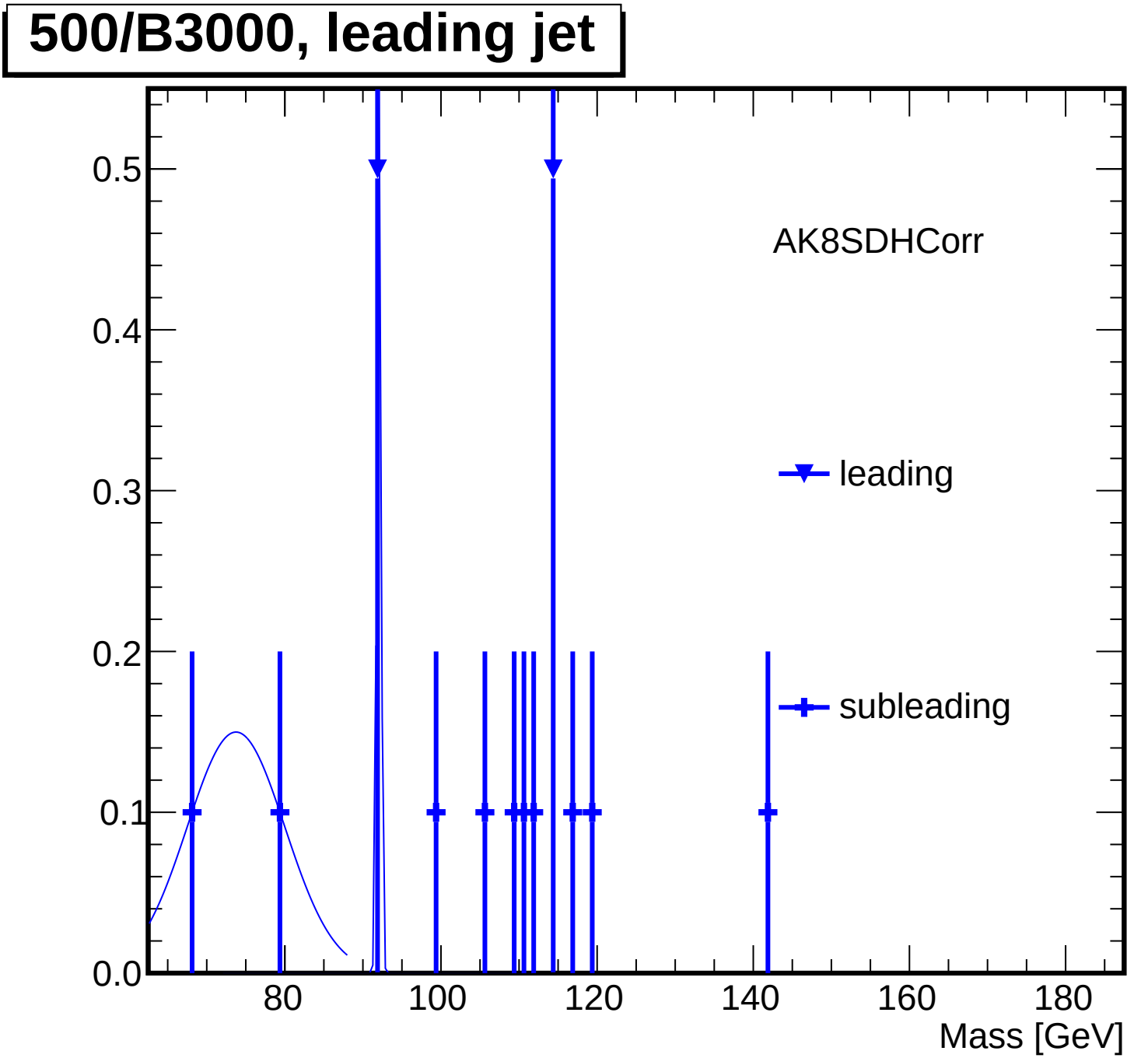

500/B3000, leading jet
PRCorr
leading
Mean = -0.085
Sigma = 0.011
subleading
Mean = -0.130
Sigma = 0.231
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

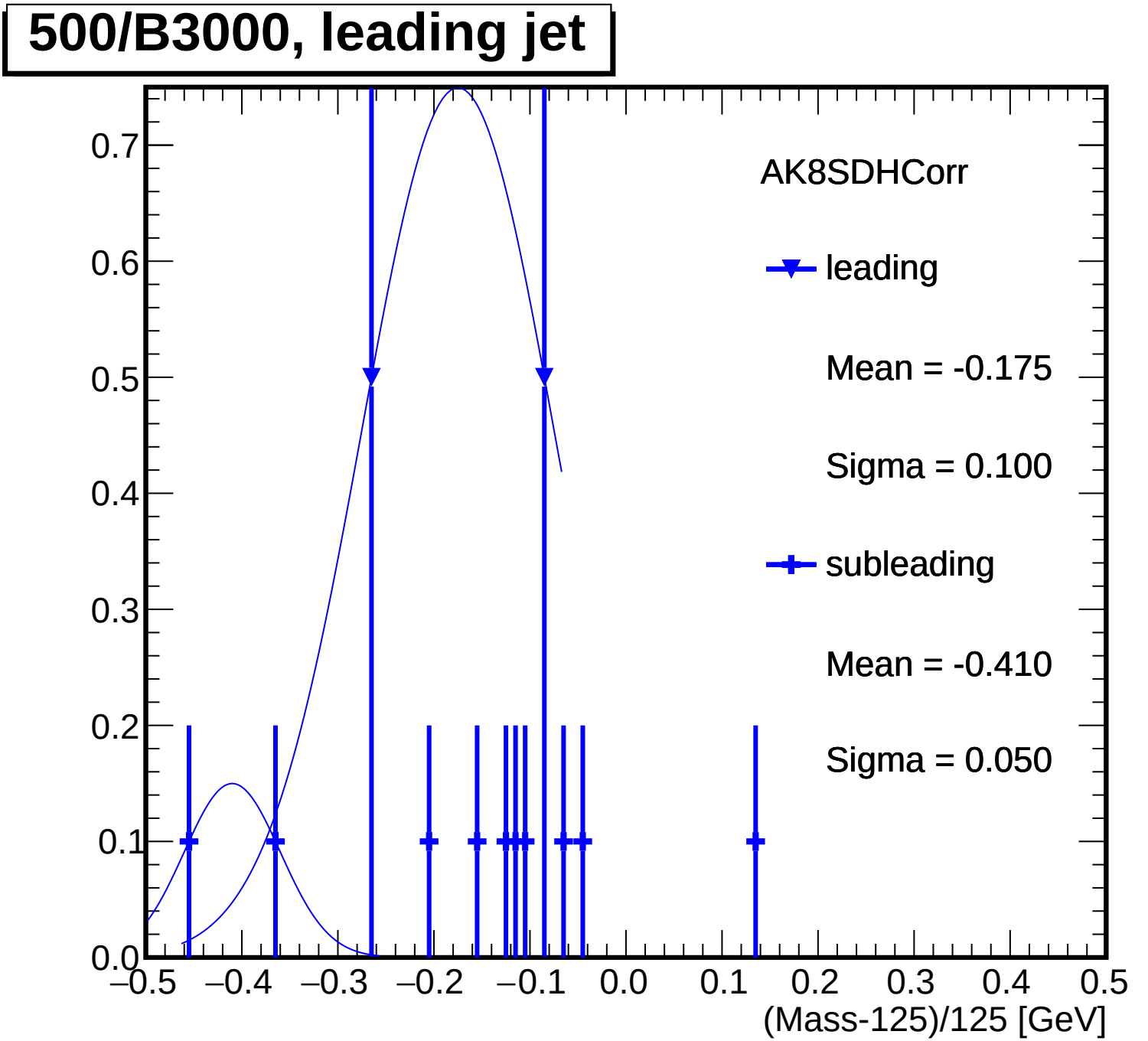

500/B3000, leading jet
AK8SD
leading
subleading
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]


500/B3000, leading jet
AK8SD
leading
Mean = -0.310
Sigma = 0.083
subleading
Mean = -0.380
Sigma = 0.756
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–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/B3000, leading jet
AK8SDCorrThea
leading
subleading
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]


500/B3000, leading jet
AK8SDCorrThea
leading
Mean = -0.235
Sigma = 0.089
subleading
Mean = -0.359
Sigma = 0.838
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
–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/B3000, leading jet
AK8SDHCorr
leading
subleading
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]


500/B3000, leading jet
AK8SDHCorr
leading
Mean = -0.175
Sigma = 0.100
subleading
Mean = -0.410
Sigma = 0.050
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–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]