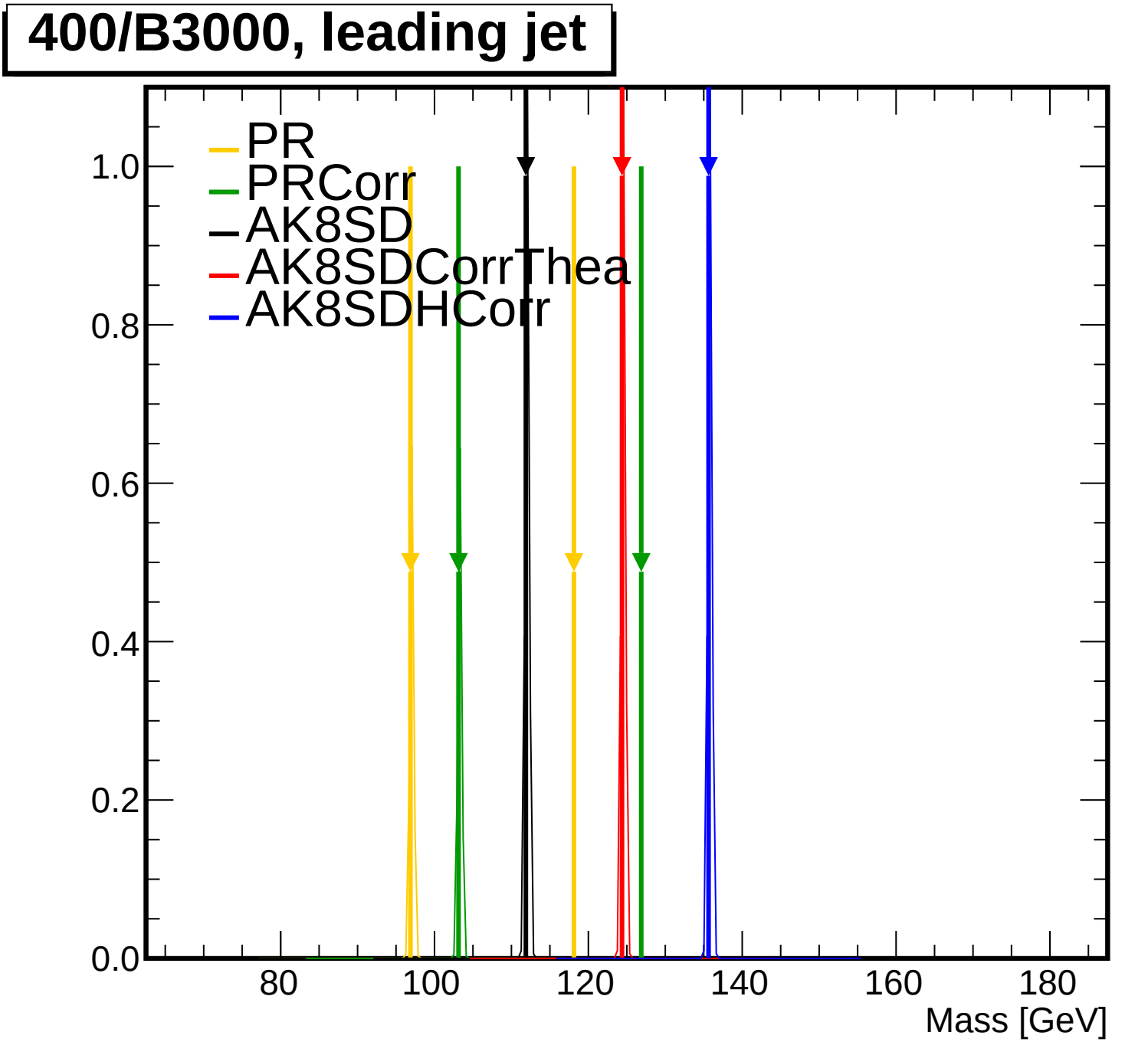
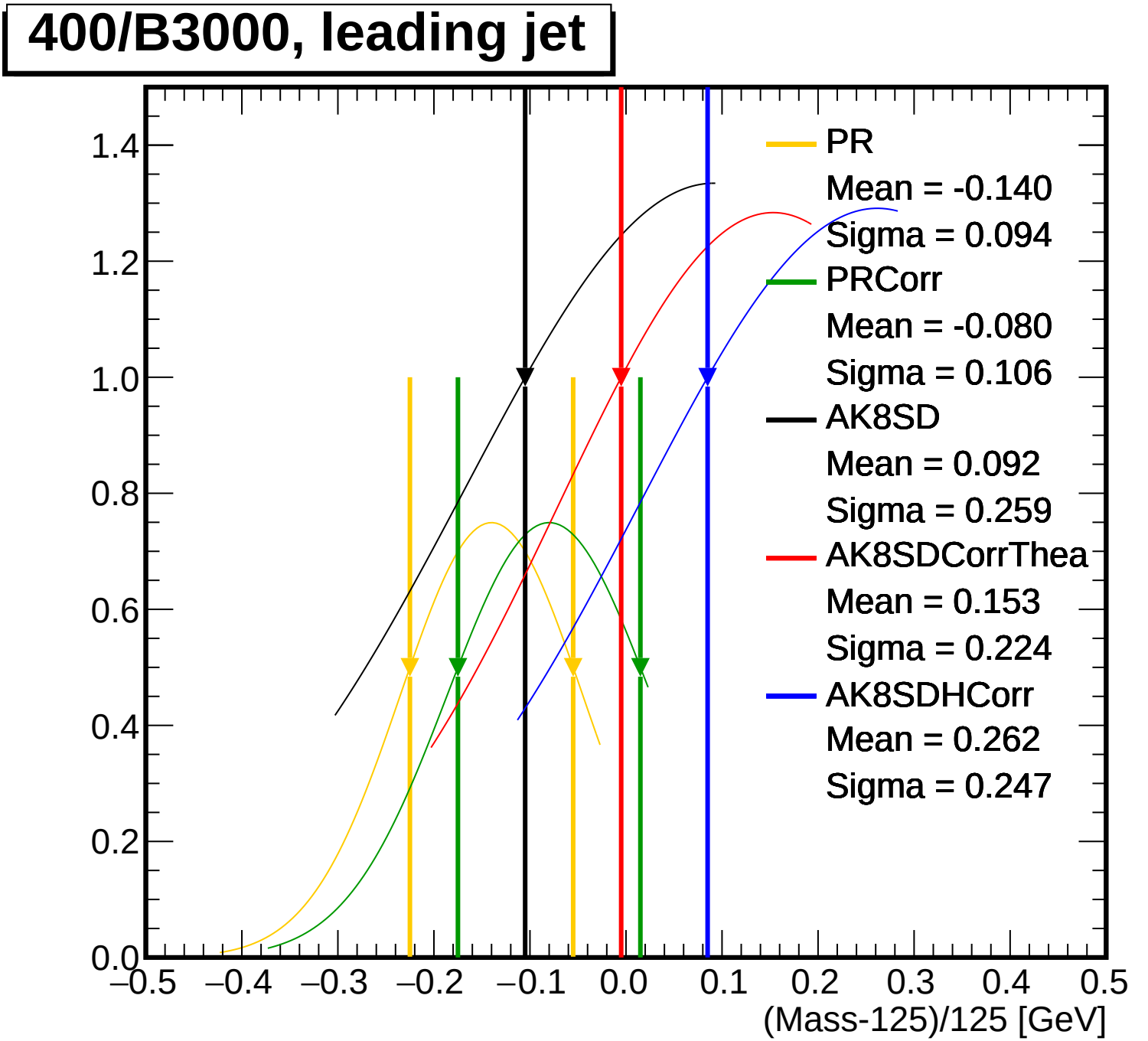
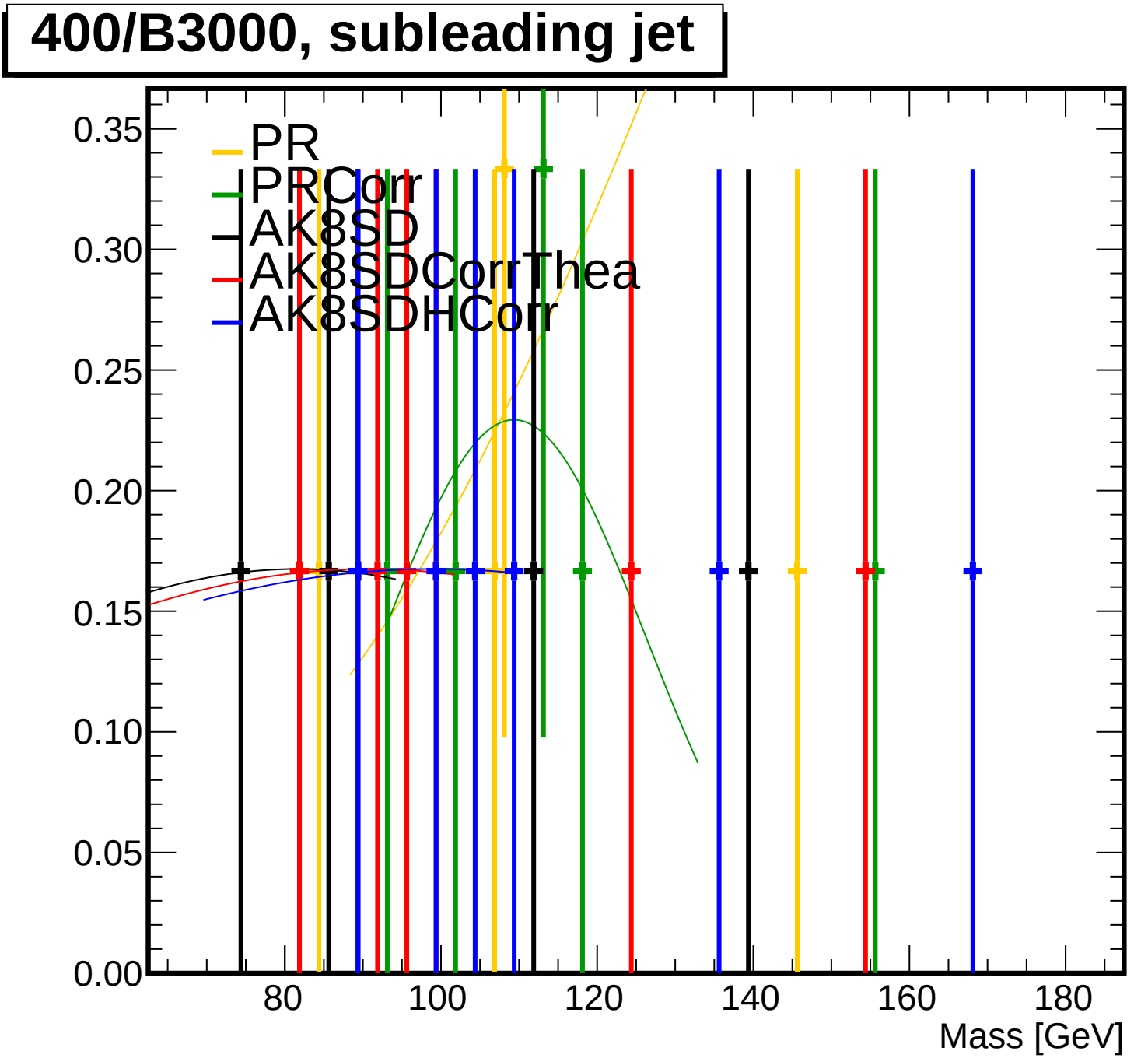
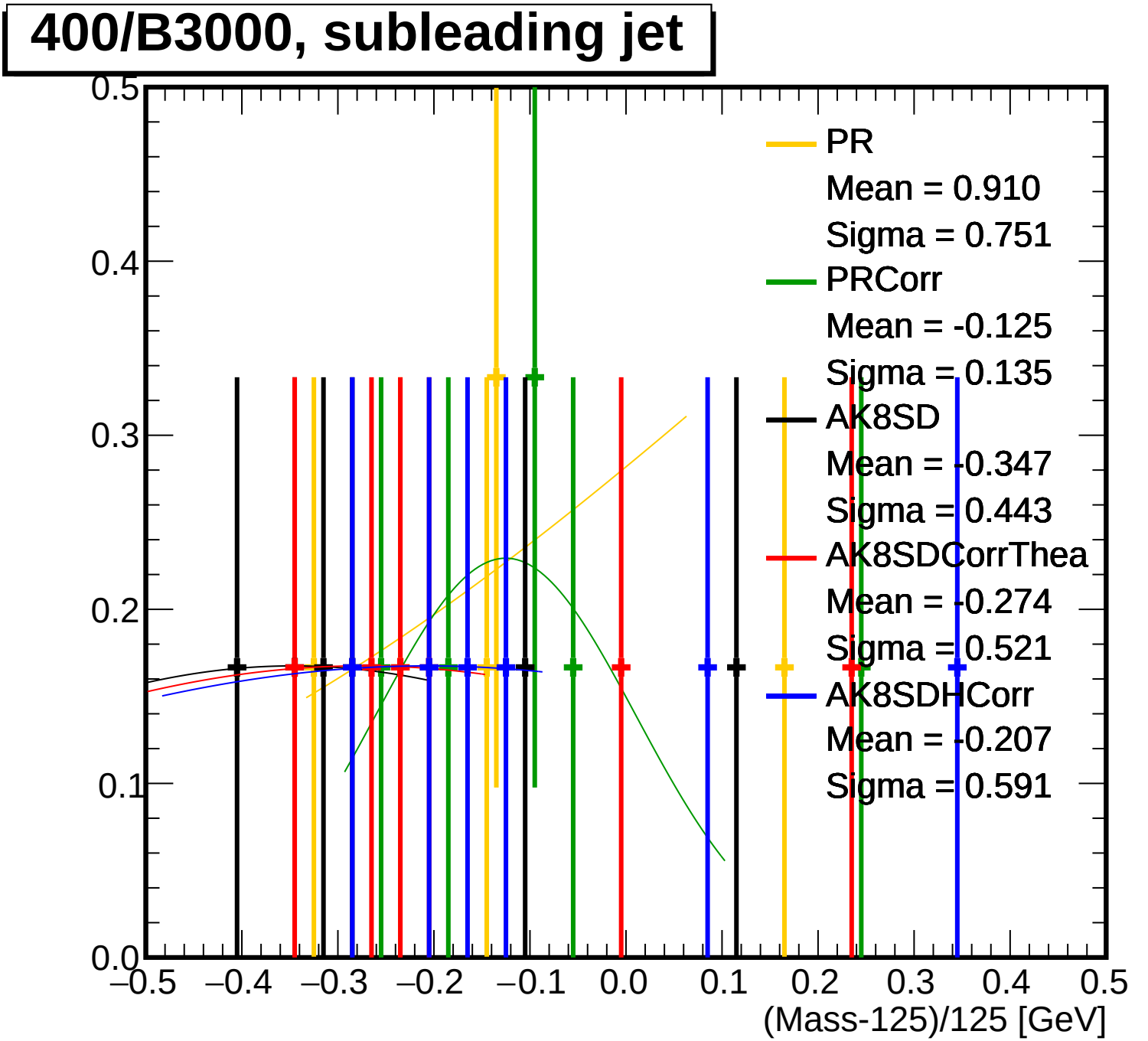
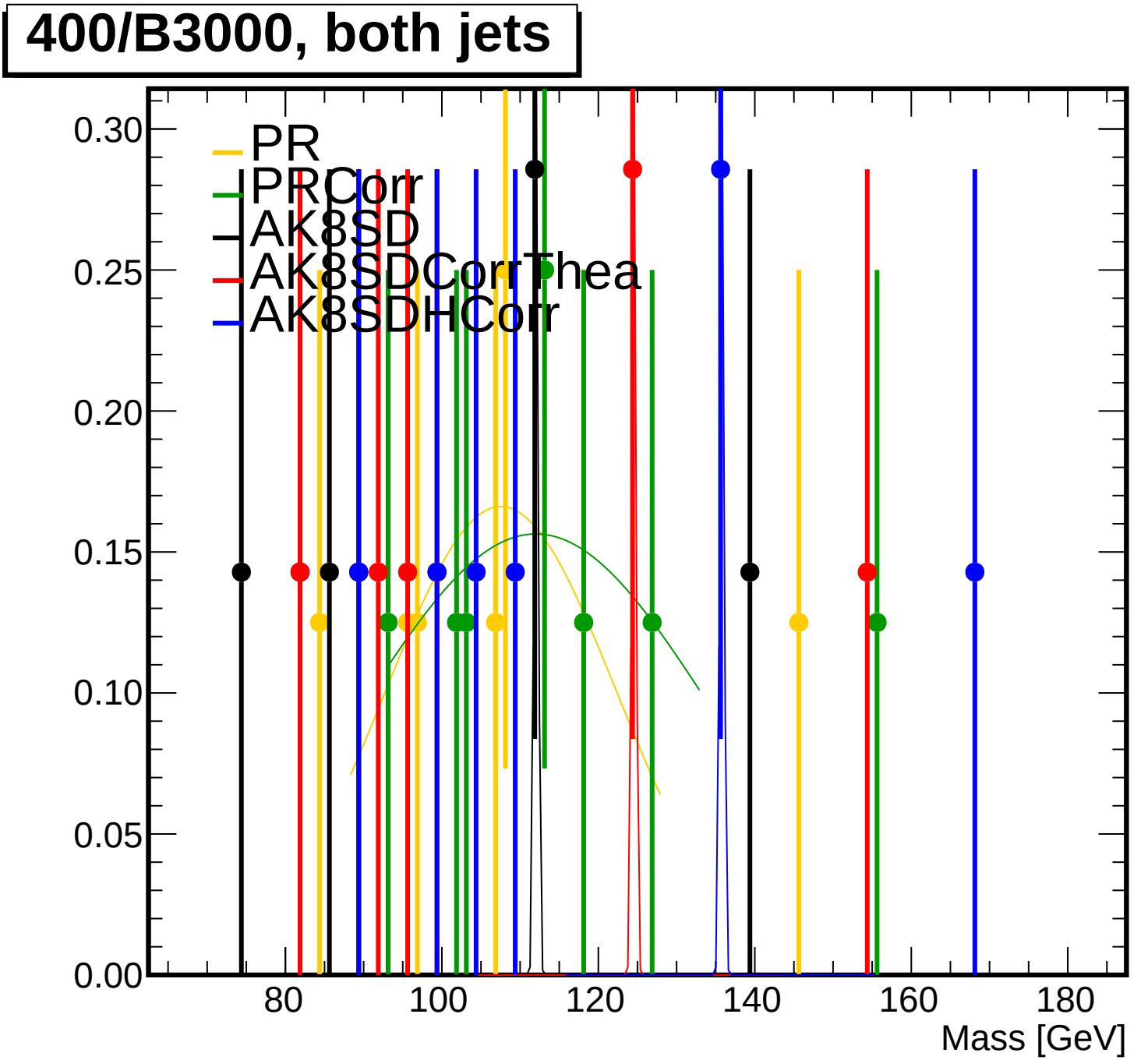
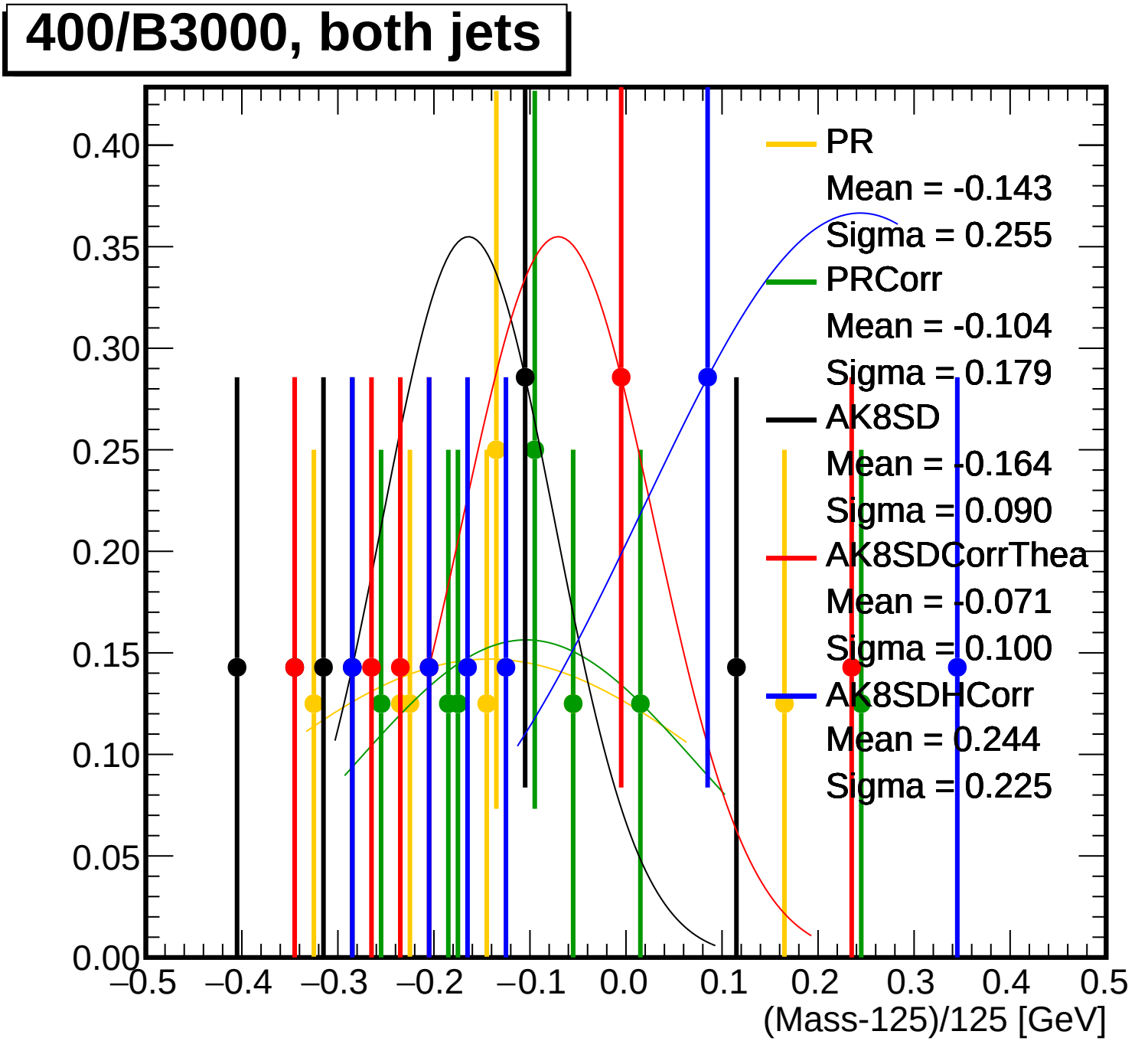

400/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

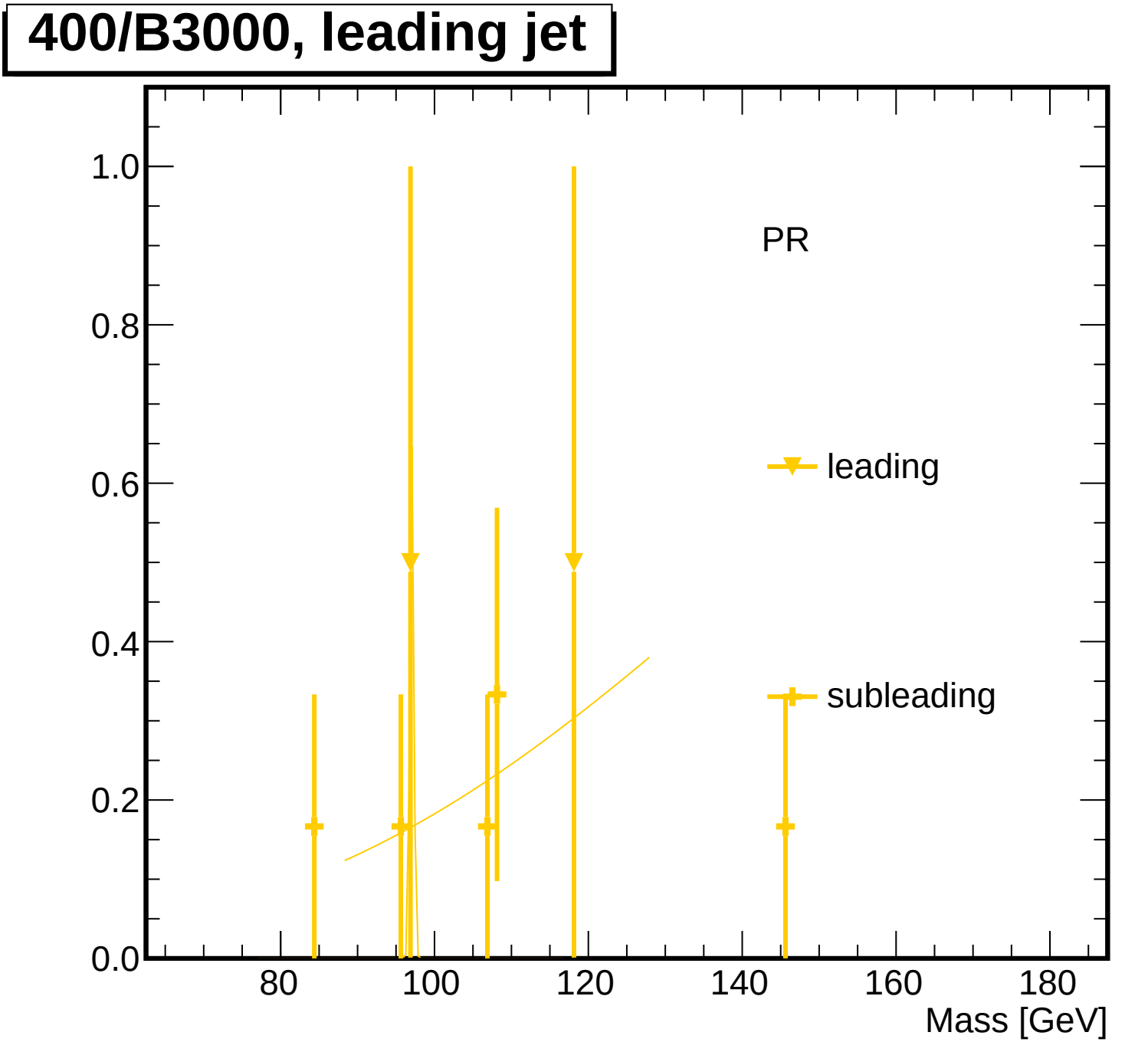

400/B3000, leading jet
PR
Mean = -0.140
Sigma = 0.094
PRCorr
Mean = -0.080
Sigma = 0.106
AK8SD
Mean = 0.092
Sigma = 0.259
AK8SDCorrThea
Mean = 0.153
Sigma = 0.224
AK8SDHCorr
Mean = 0.262
Sigma = 0.247
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

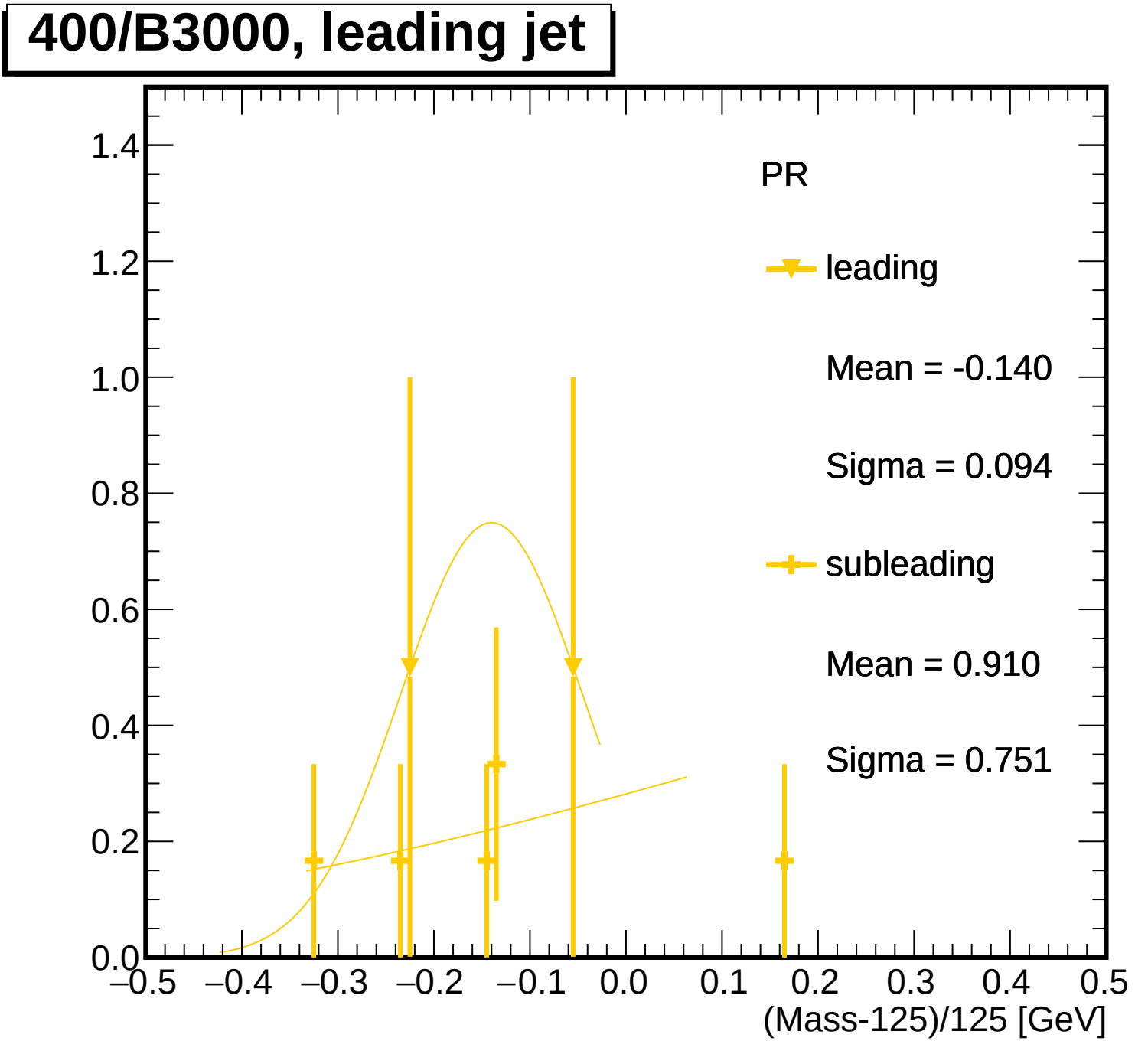

400/B3000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

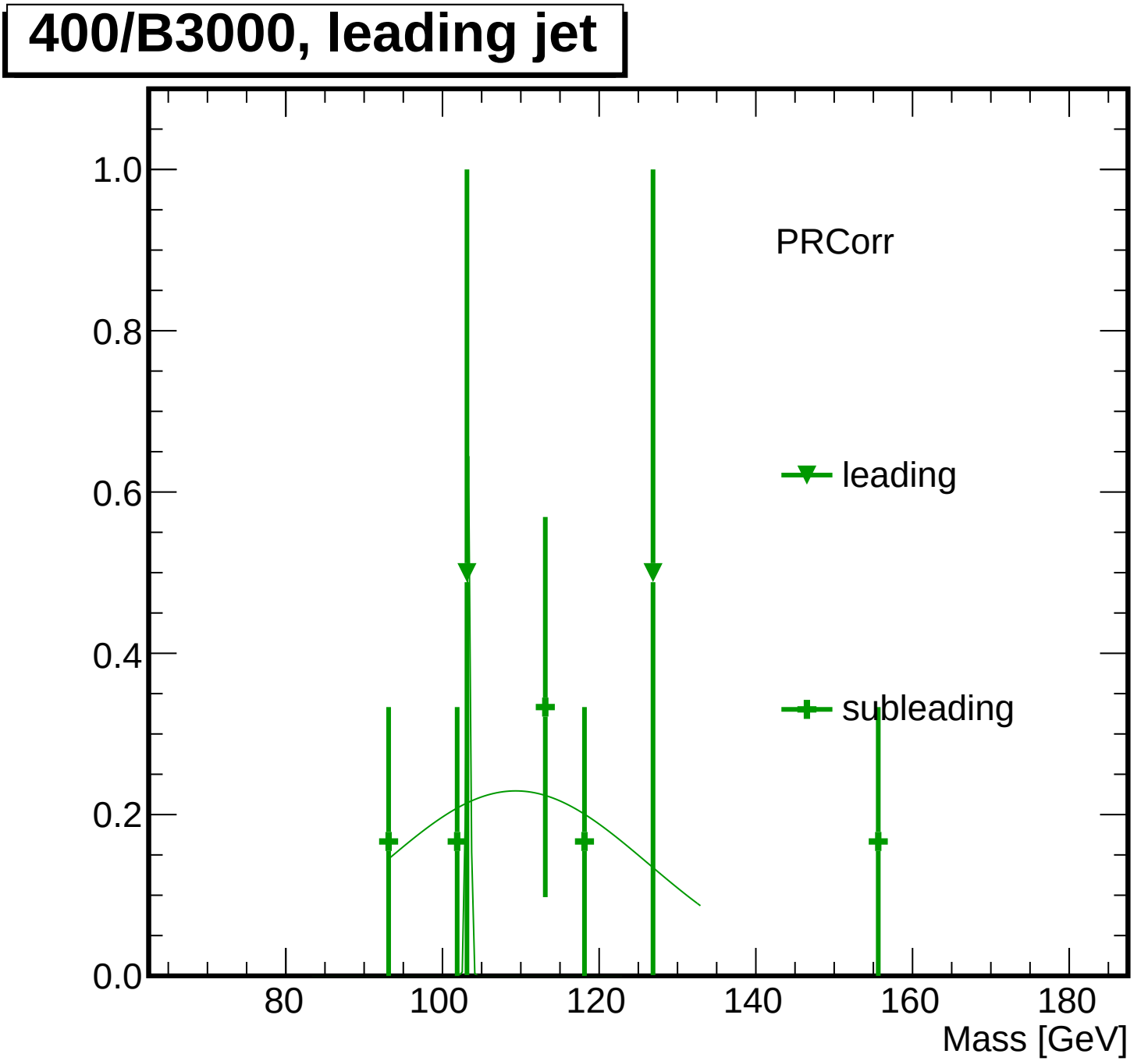

400/B3000, subleading jet
PR
Mean = 0.910
Sigma = 0.751
PRCorr
Mean = -0.125
Sigma = 0.135
AK8SD
Mean = -0.347
Sigma = 0.443
AK8SDCorrThea
Mean = -0.274
Sigma = 0.521
AK8SDHCorr
Mean = -0.207
Sigma = 0.591
0.5
0.4
0.3
0.2
0.1
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

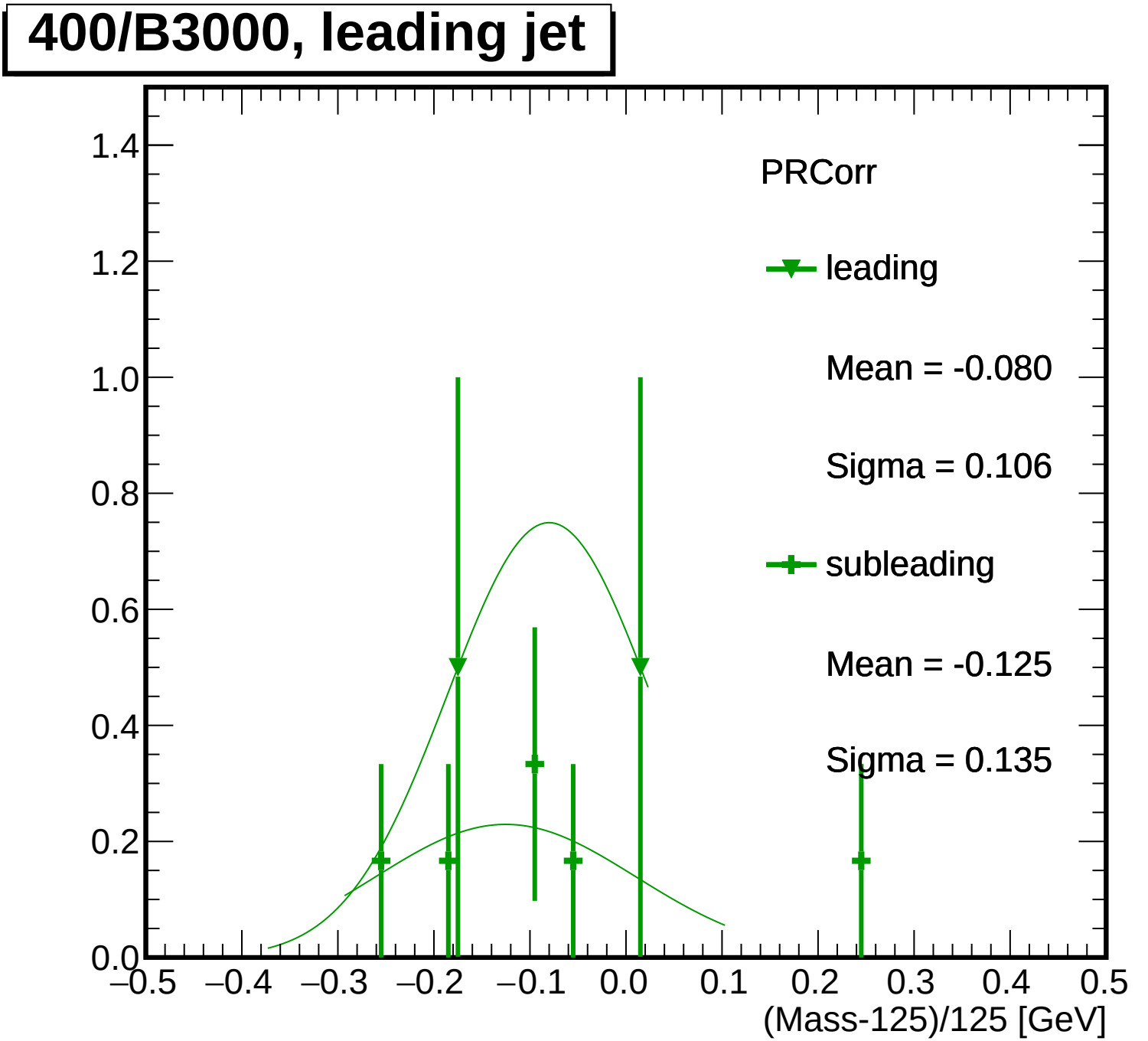

400/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

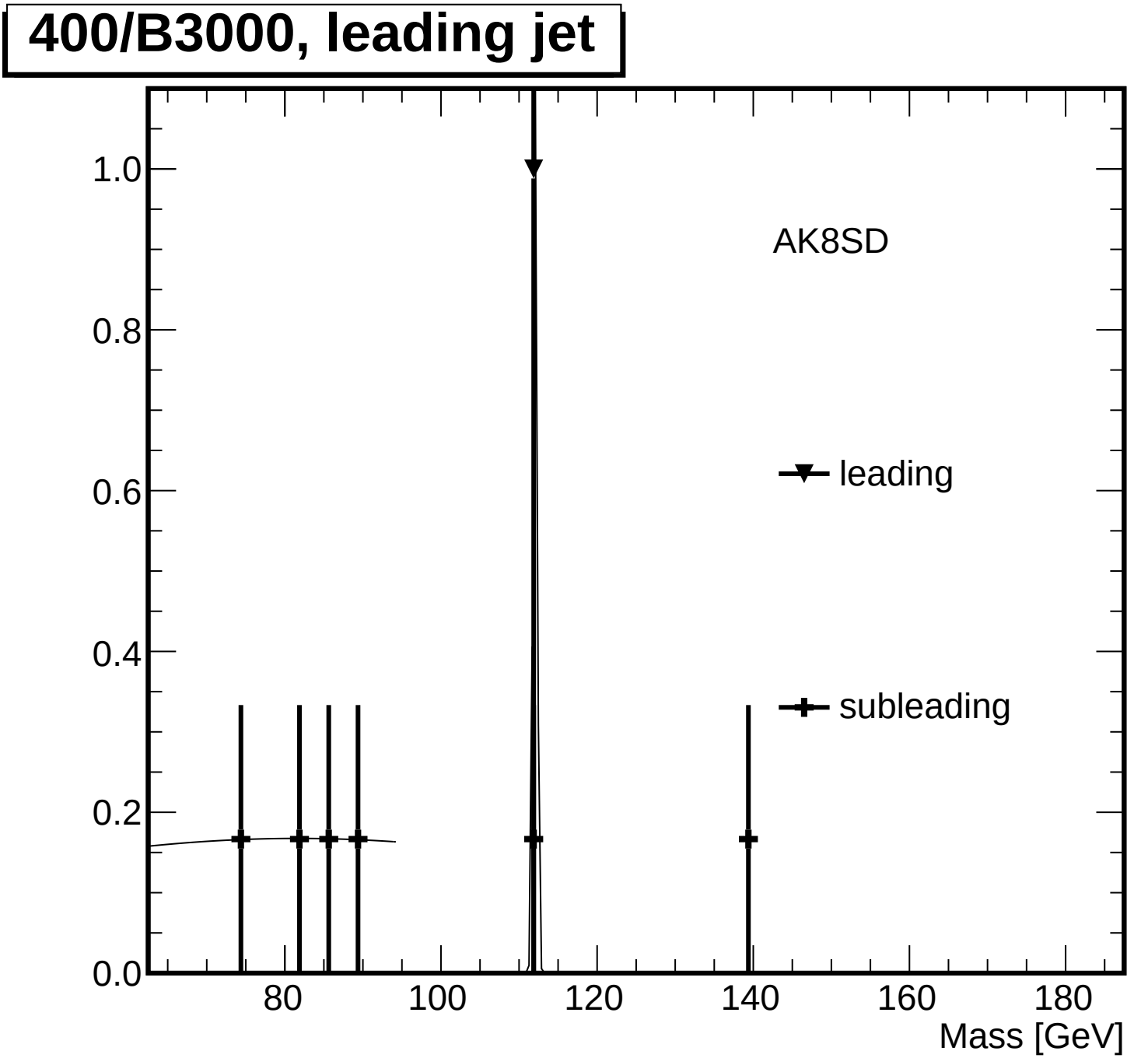

400/B3000, both jets
PR
Mean = -0.143
Sigma = 0.255
PRCorr
Mean = -0.104
Sigma = 0.179
AK8SD
Mean = -0.164
Sigma = 0.090
AK8SDCorrThea
Mean = -0.071
Sigma = 0.100
AK8SDHCorr
Mean = 0.244
Sigma = 0.225
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

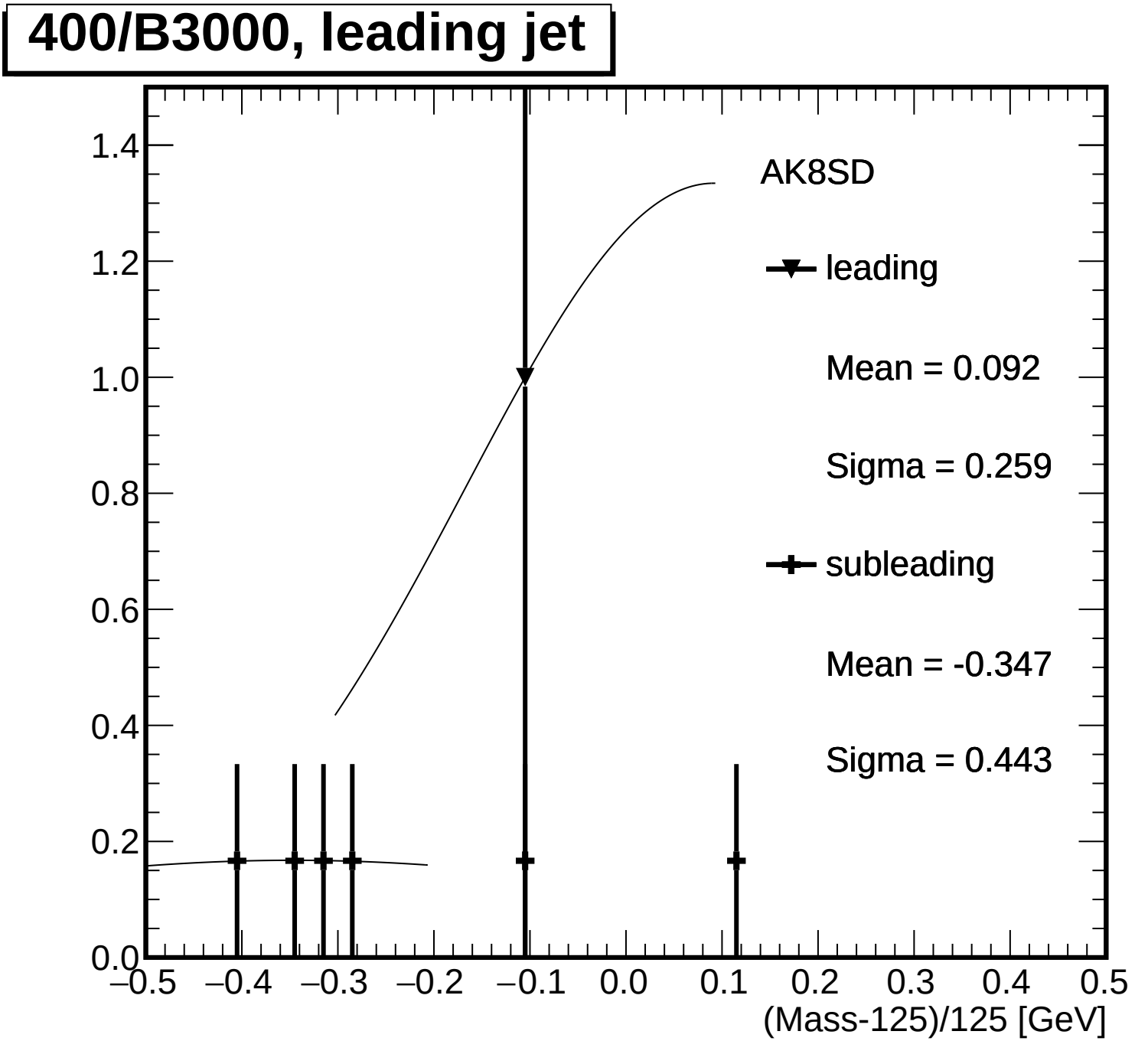

400/B3000, leading jet
PR
leading
subleading
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

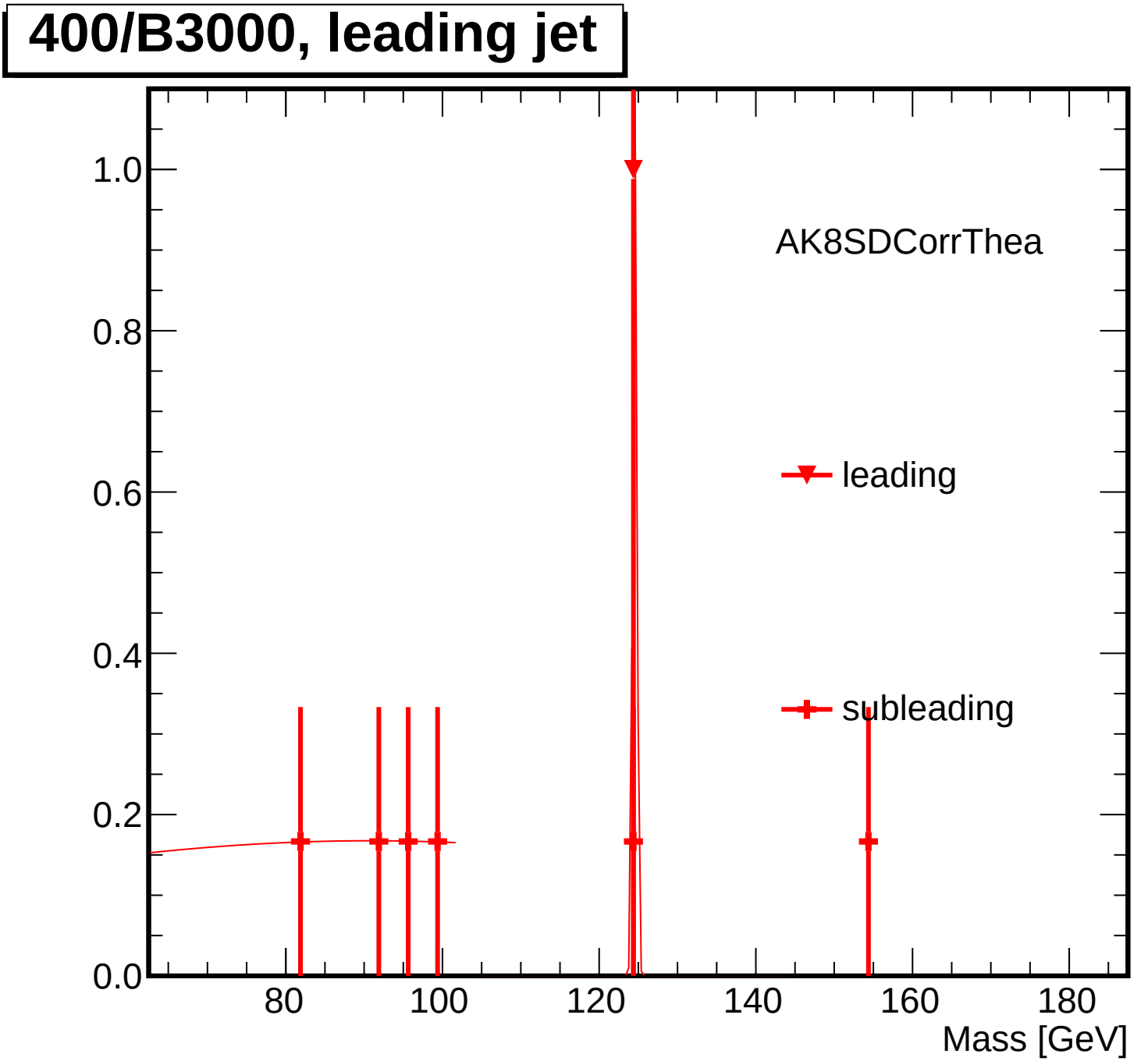

400/B3000, leading jet
PR
leading
Mean = -0.140
Sigma = 0.094
subleading
Mean = 0.910
Sigma = 0.751
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

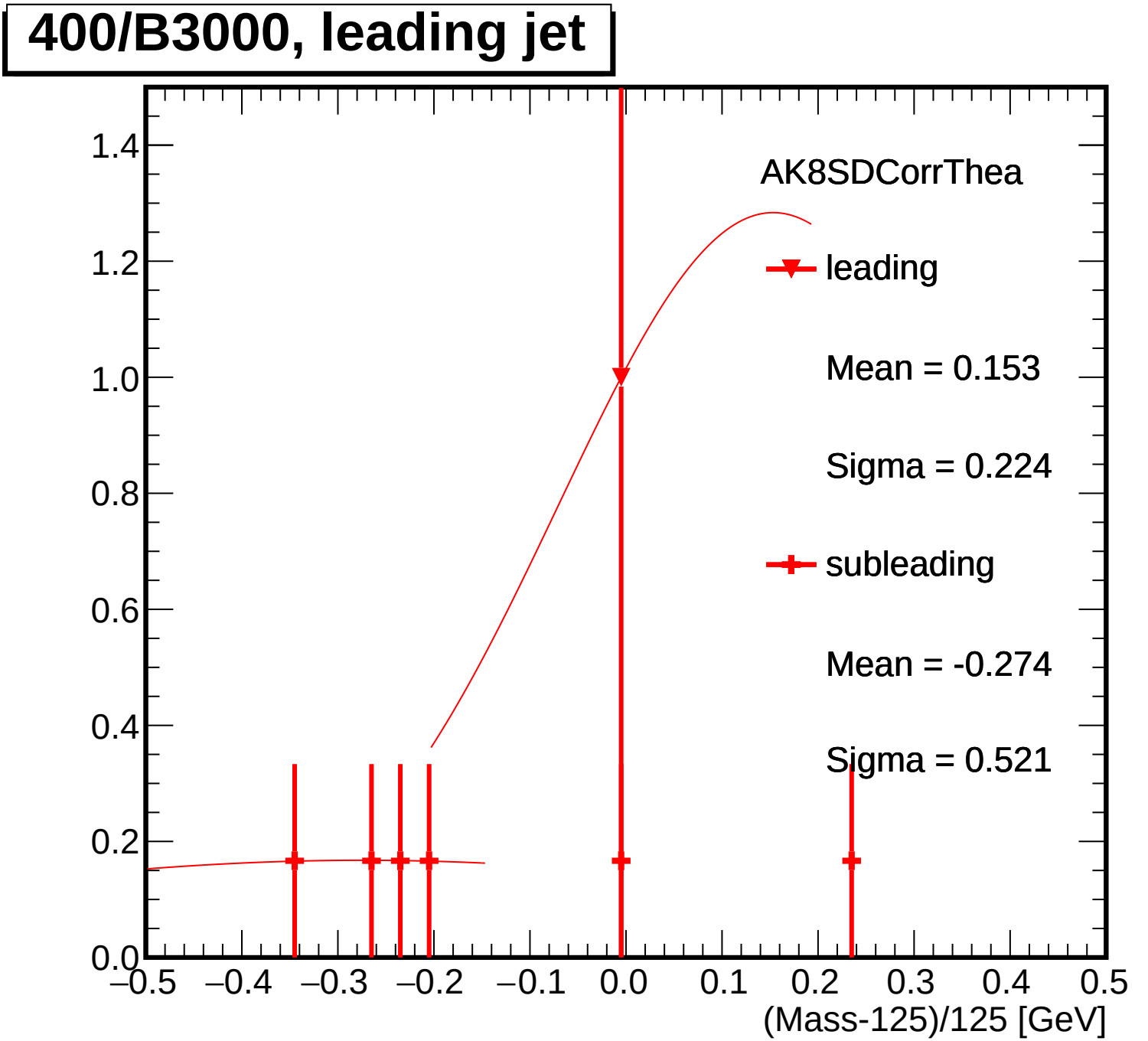

400/B3000, leading jet
PRCorr
leading
subleading
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

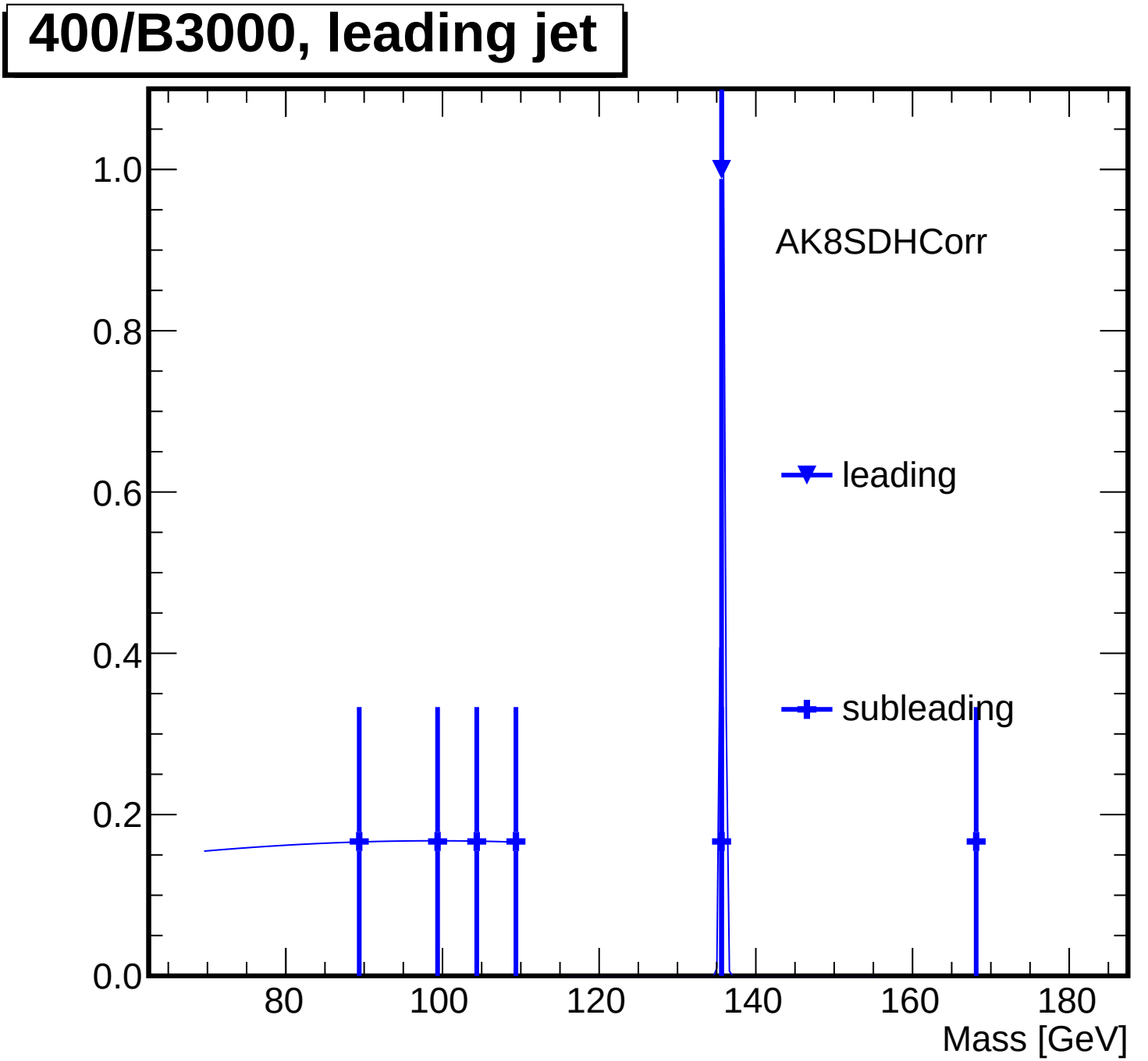

400/B3000, leading jet
PRCorr
leading
Mean = -0.080
Sigma = 0.106
subleading
Mean = -0.125
Sigma = 0.135
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

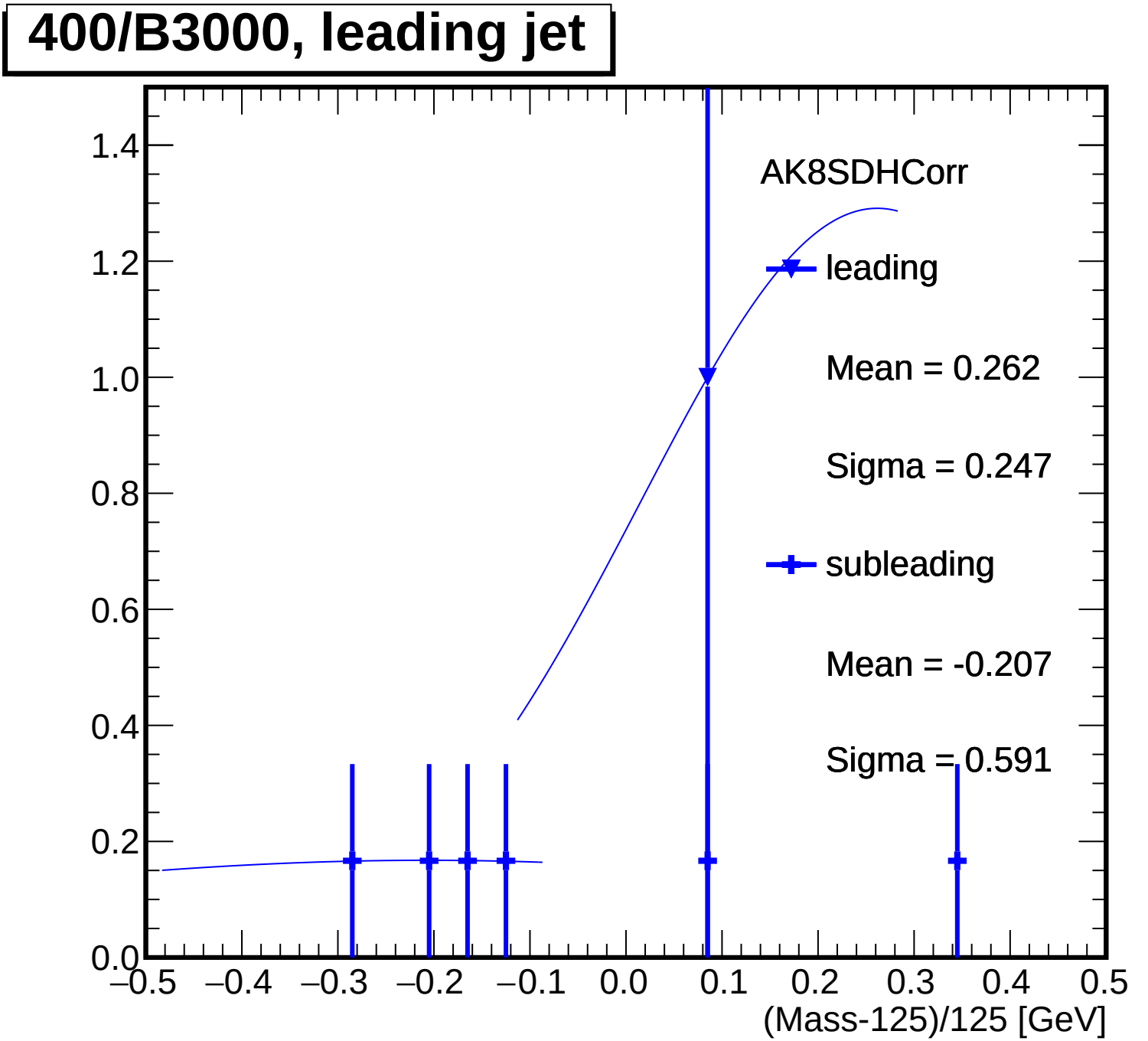

400/B3000, leading jet
AK8SD
leading
subleading
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]


400/B3000, leading jet
AK8SD
leading
Mean = 0.092
Sigma = 0.259
subleading
Mean = -0.347
Sigma = 0.443
1.4
1.2
1.0
0.8
0.6
0.4
0.2
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]


400/B3000, leading jet
AK8SDCorrThea
leading
subleading
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]


400/B3000, leading jet
AK8SDCorrThea
leading
Mean = 0.153
Sigma = 0.224
subleading
Mean = -0.274
Sigma = 0.521
1.4
1.2
1.0
0.8
0.6
0.4
0.2
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]


400/B3000, leading jet
AK8SDHCorr
leading
subleading
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]


400/B3000, leading jet
AK8SDHCorr
leading
Mean = 0.262
Sigma = 0.247
subleading
Mean = -0.207
Sigma = 0.591
1.4
1.2
1.0
0.8
0.6
0.4
0.2
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]