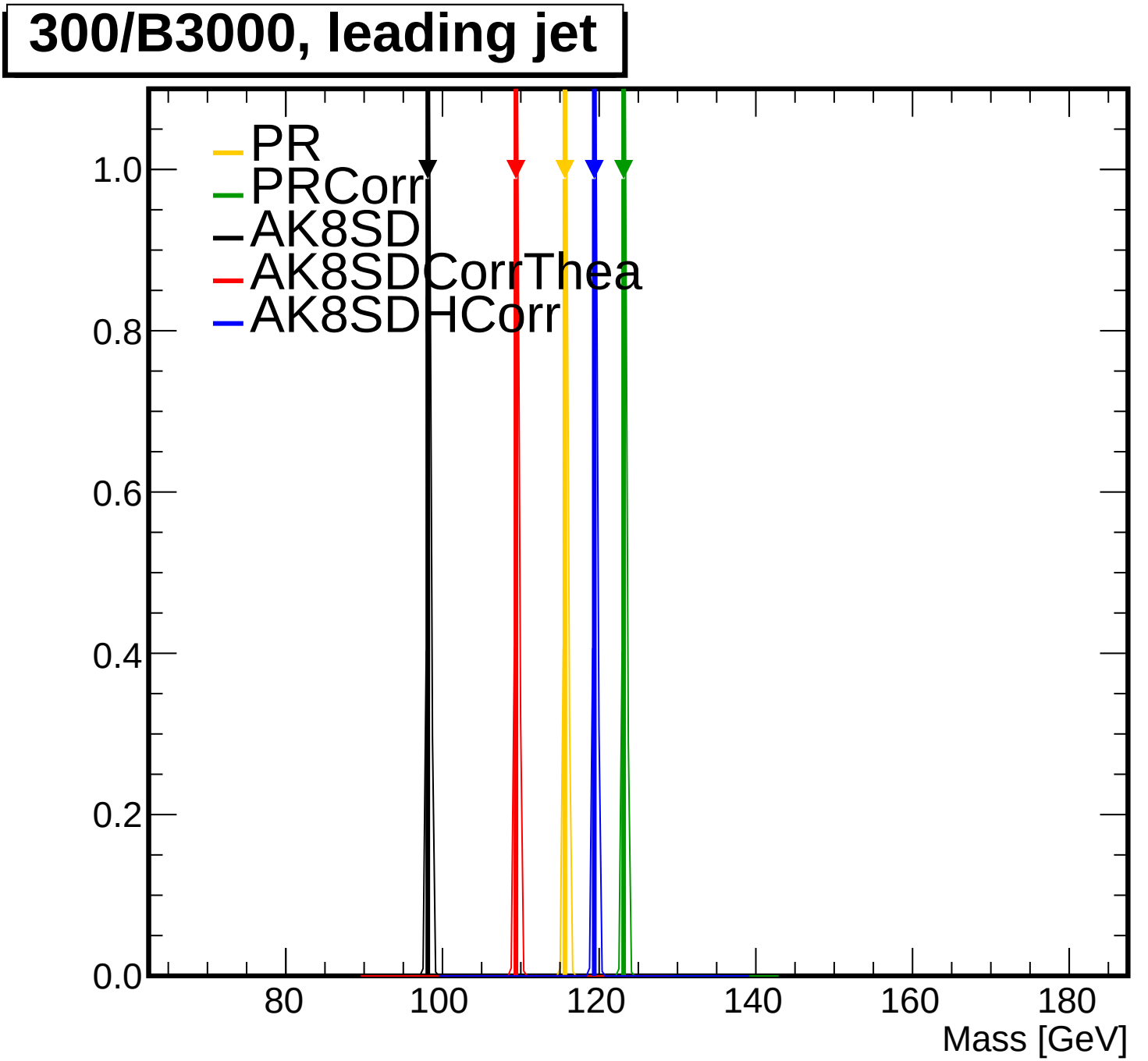
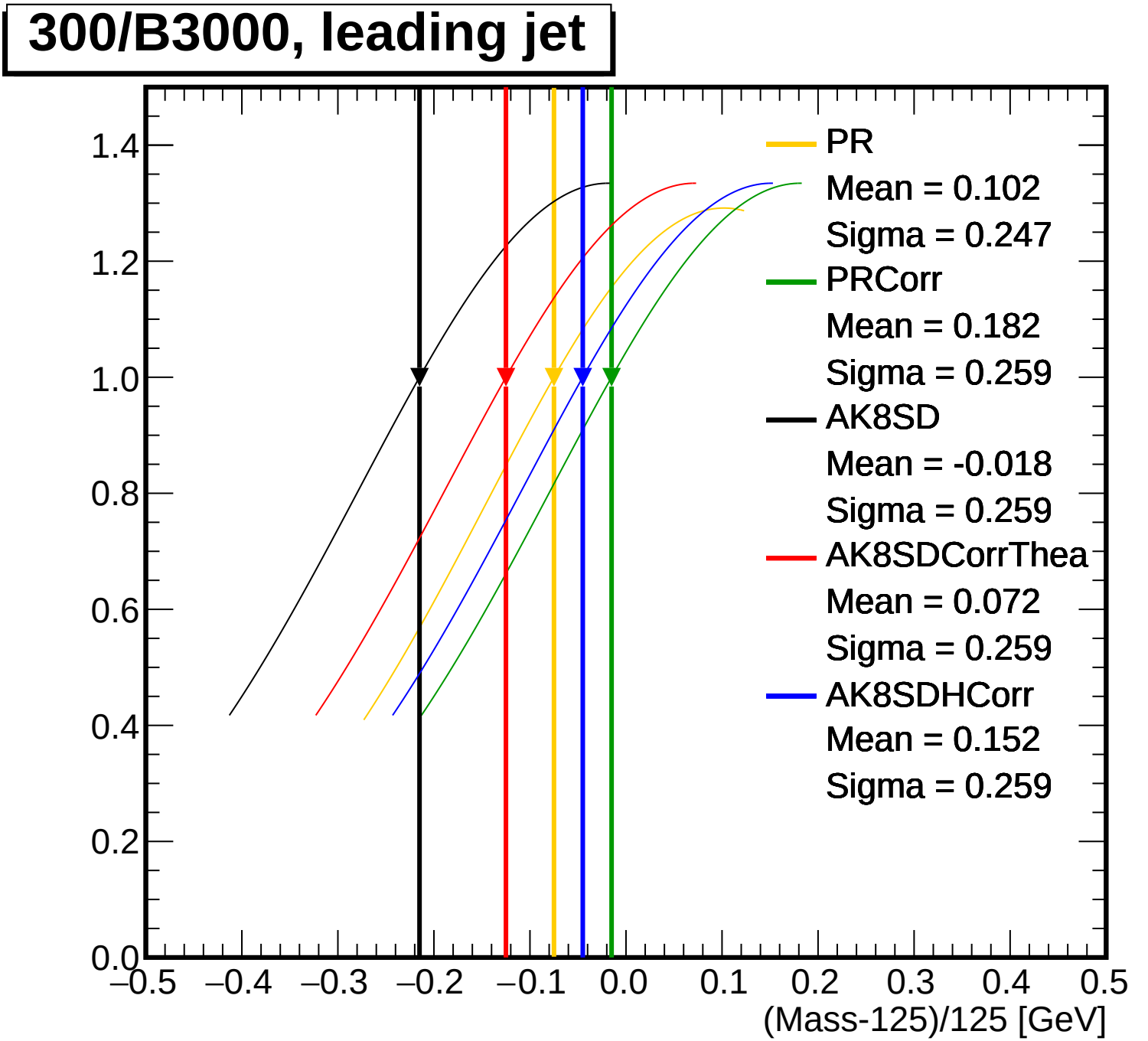
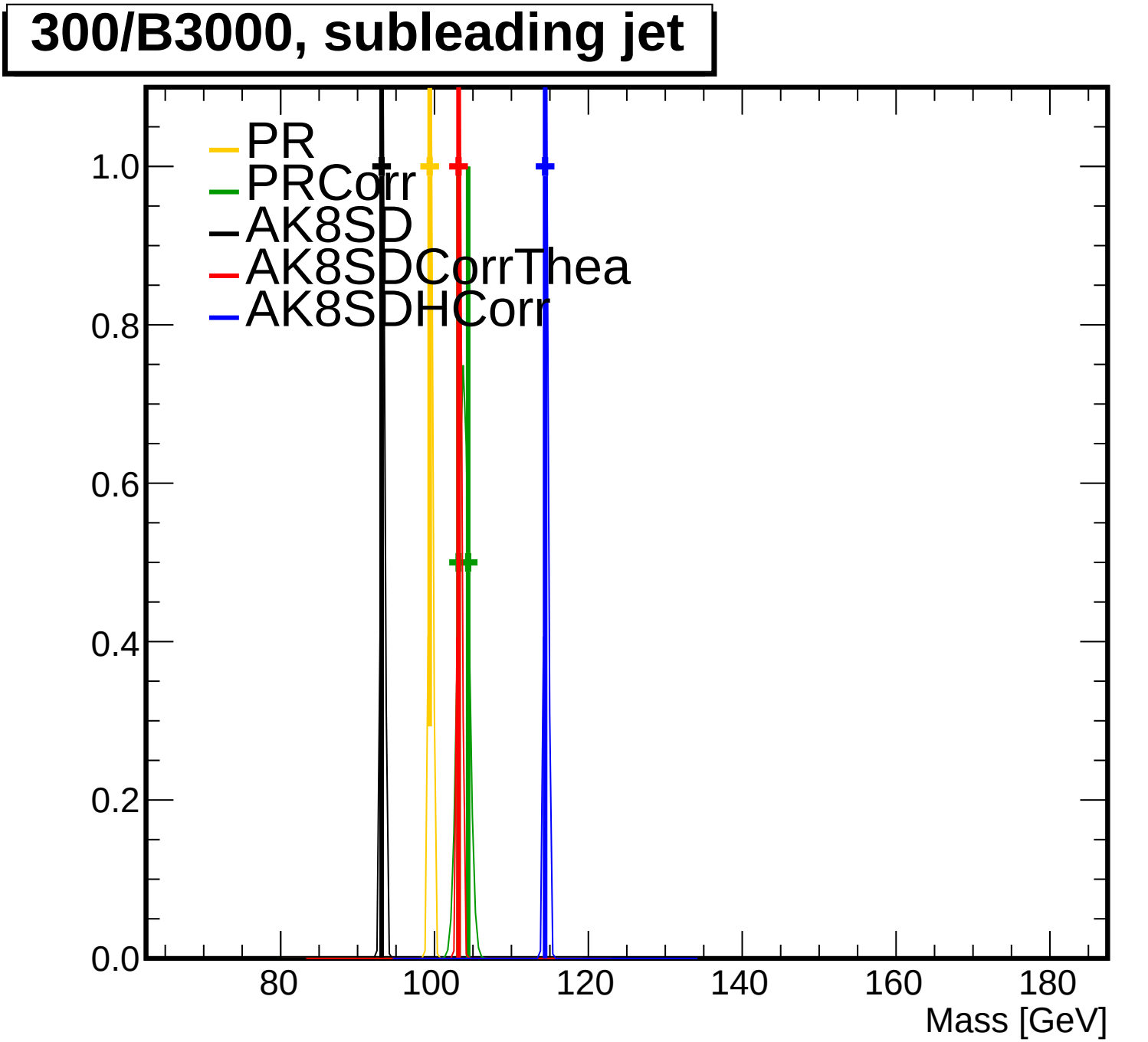
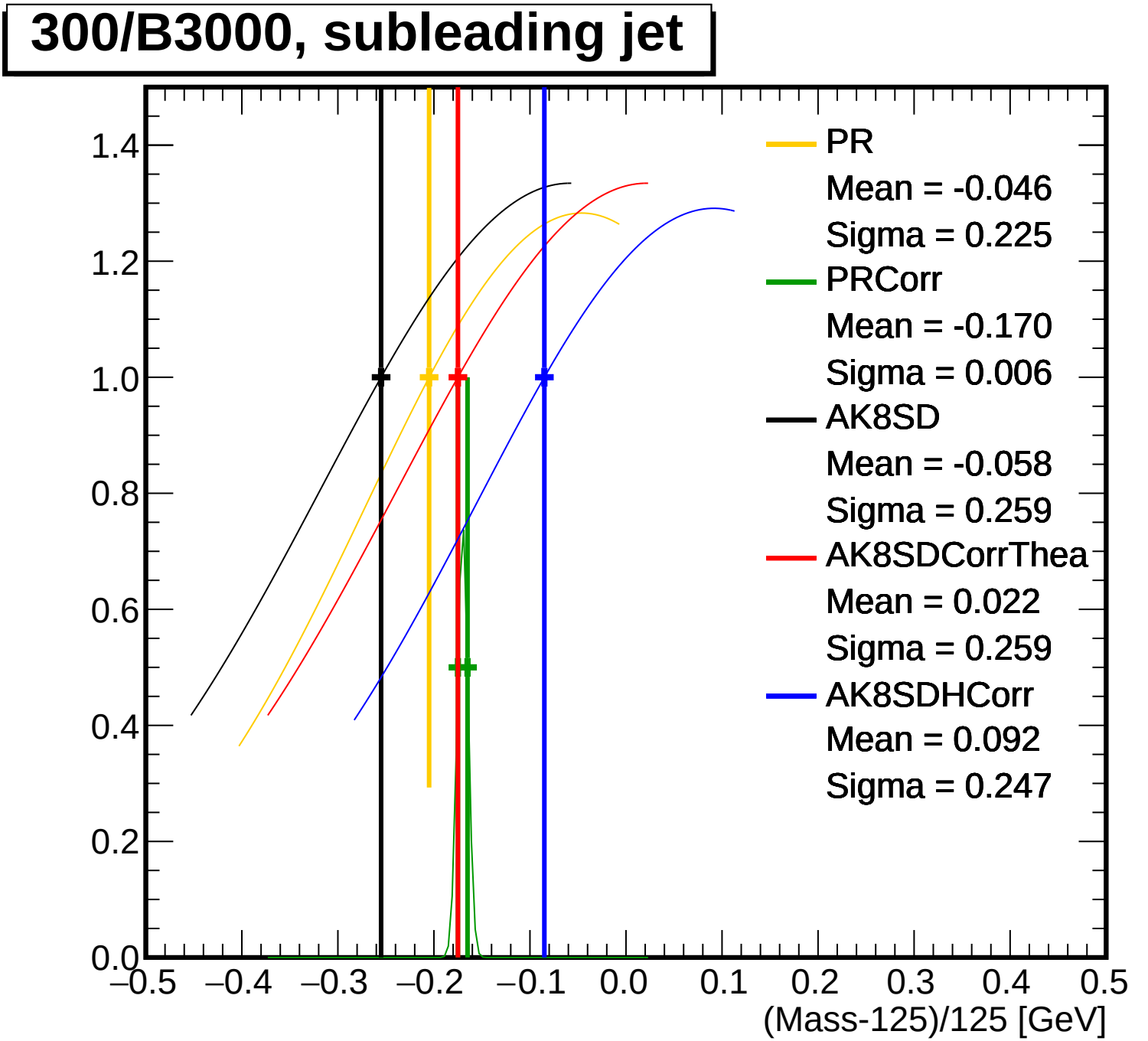
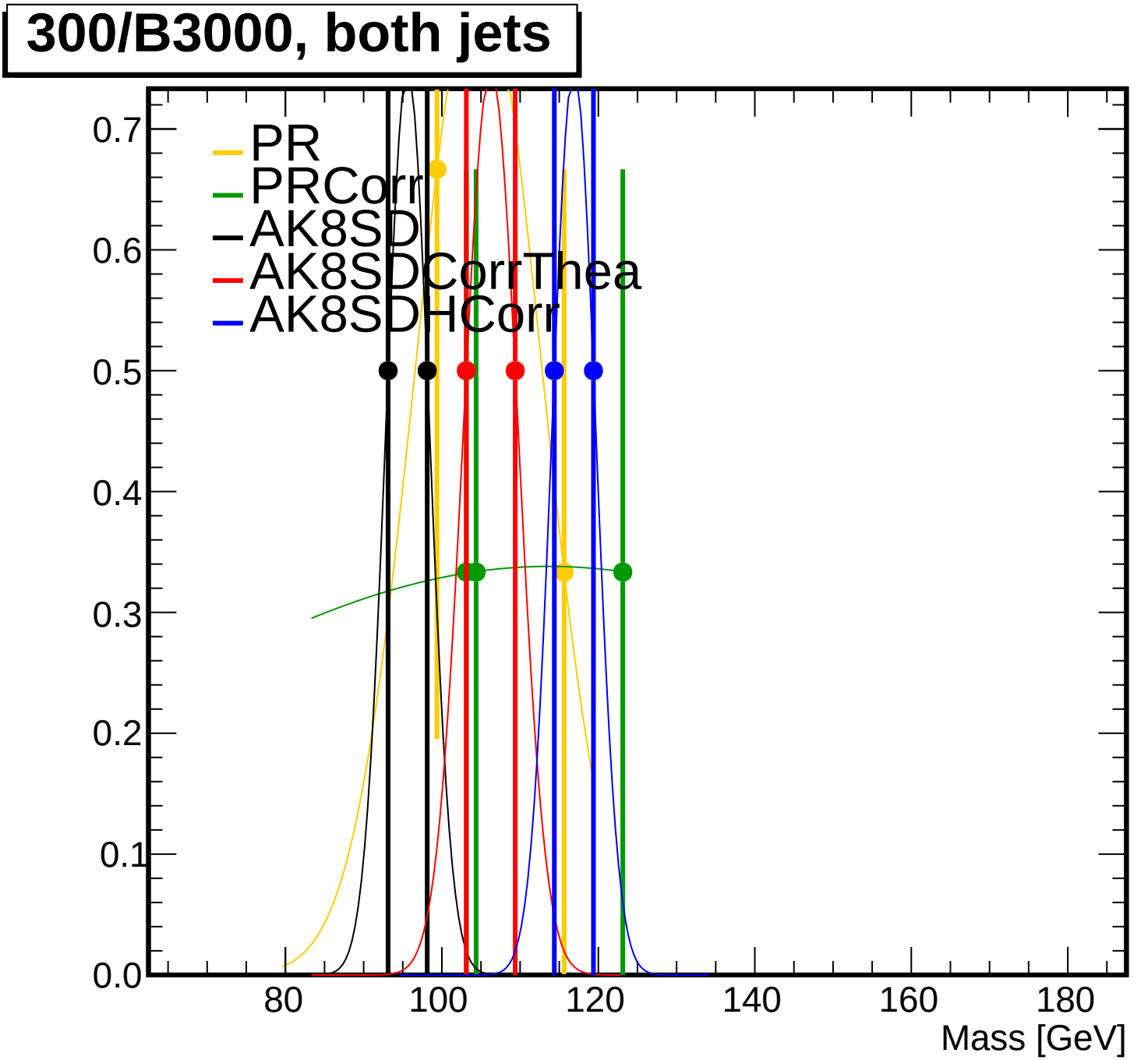
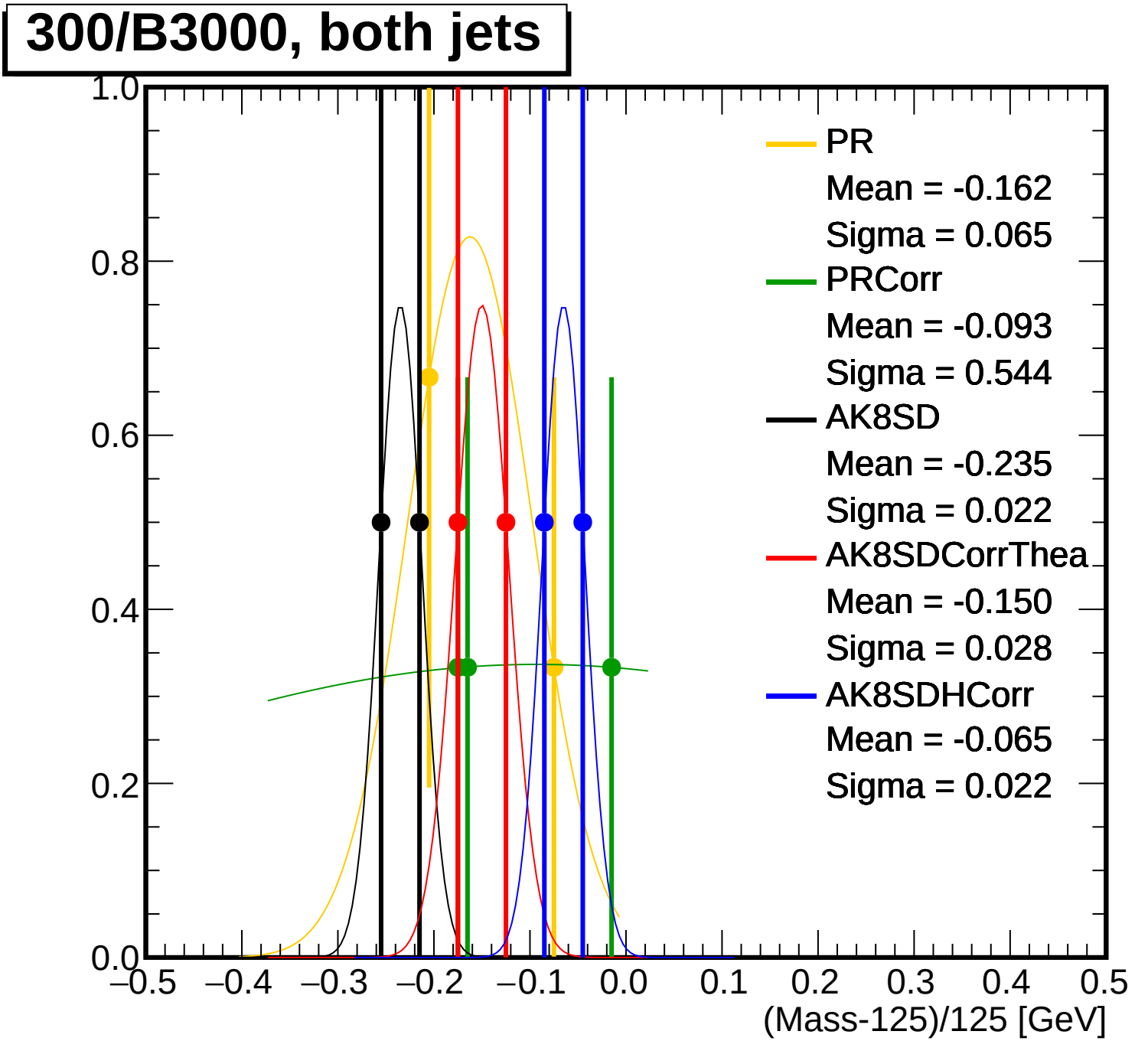

300/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

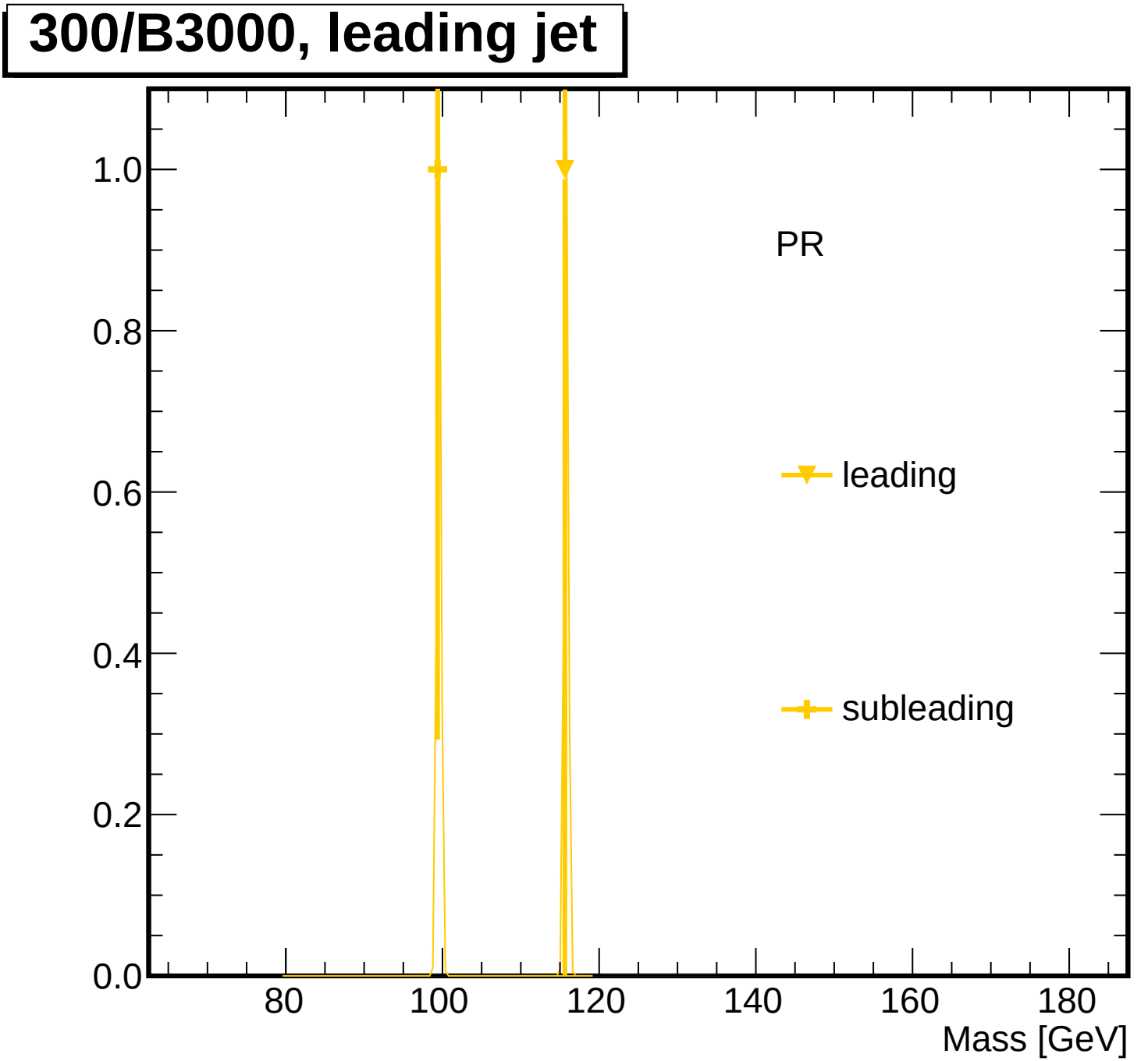

300/B3000, leading jet
PR
Mean = 0.102
Sigma = 0.247
PRCorr
Mean = 0.182
Sigma = 0.259
AK8SD
Mean = -0.018
Sigma = 0.259
AK8SDCorrThea
Mean = 0.072
Sigma = 0.259
AK8SDHCorr
Mean = 0.152
Sigma = 0.259
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

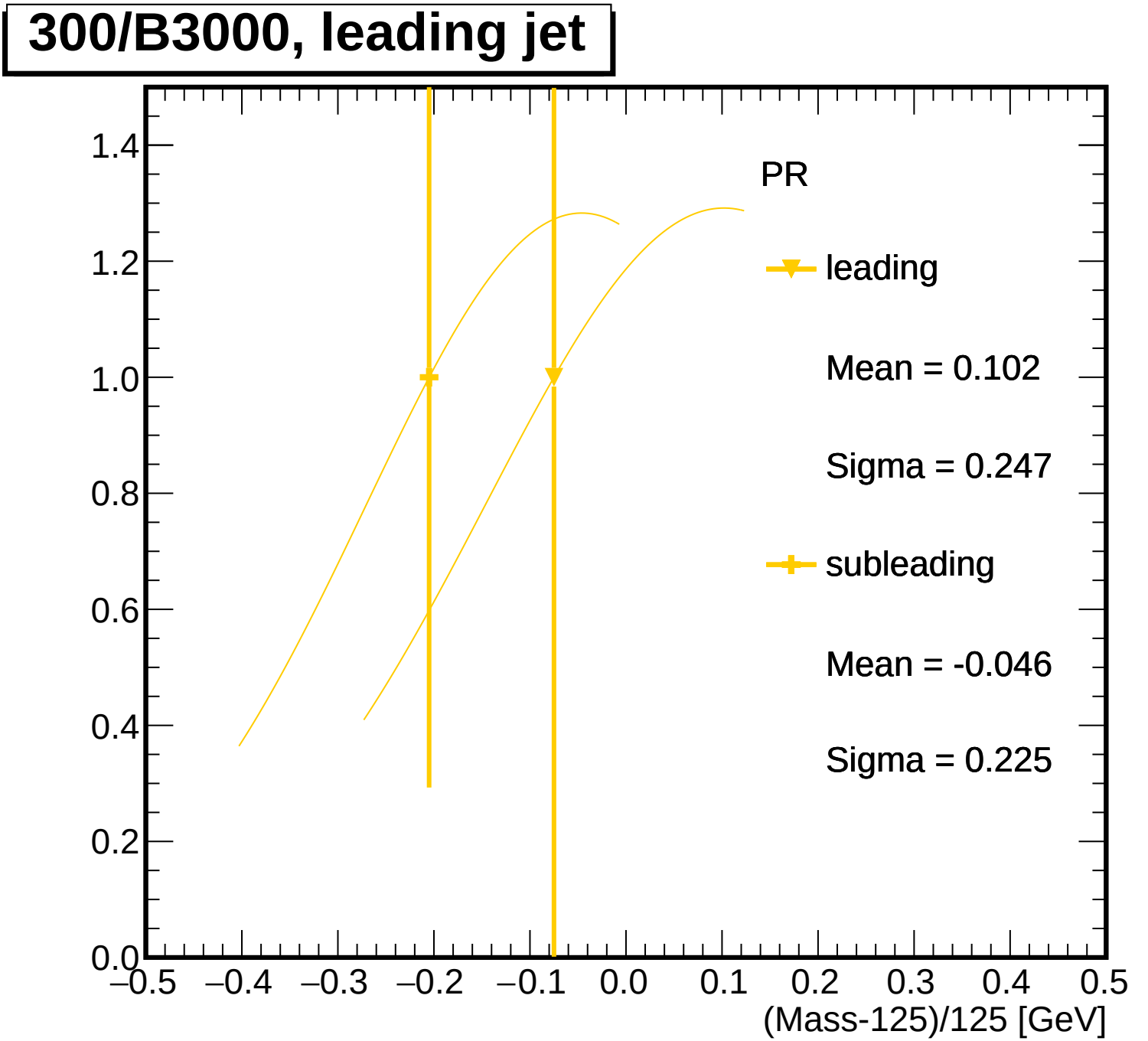

300/B3000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

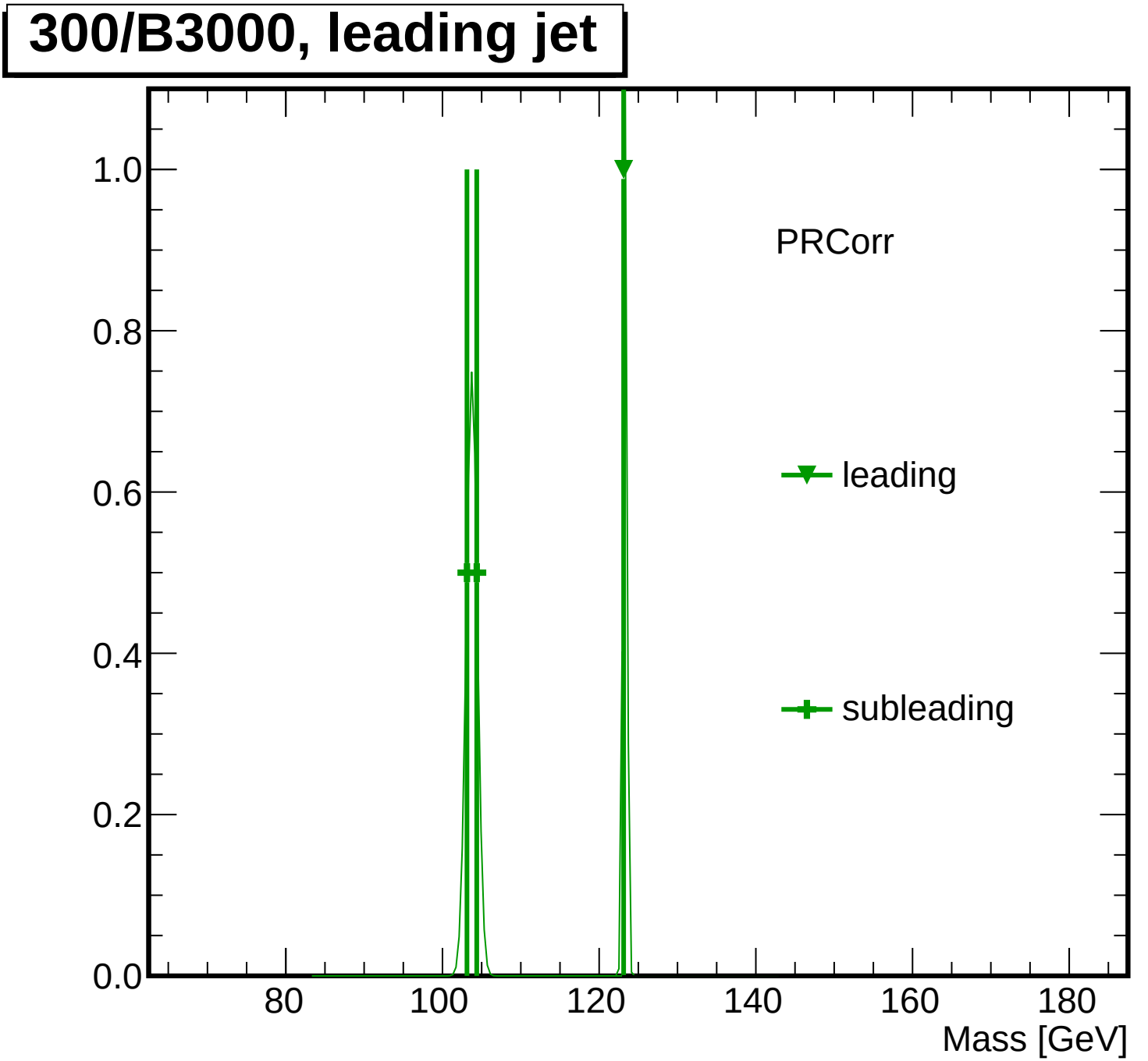

300/B3000, subleading jet
PR
Mean = -0.046
Sigma = 0.225
PRCorr
Mean = -0.170
Sigma = 0.006
AK8SD
Mean = -0.058
Sigma = 0.259
AK8SDCorrThea
Mean = 0.022
Sigma = 0.259
AK8SDHCorr
Mean = 0.092
Sigma = 0.247
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

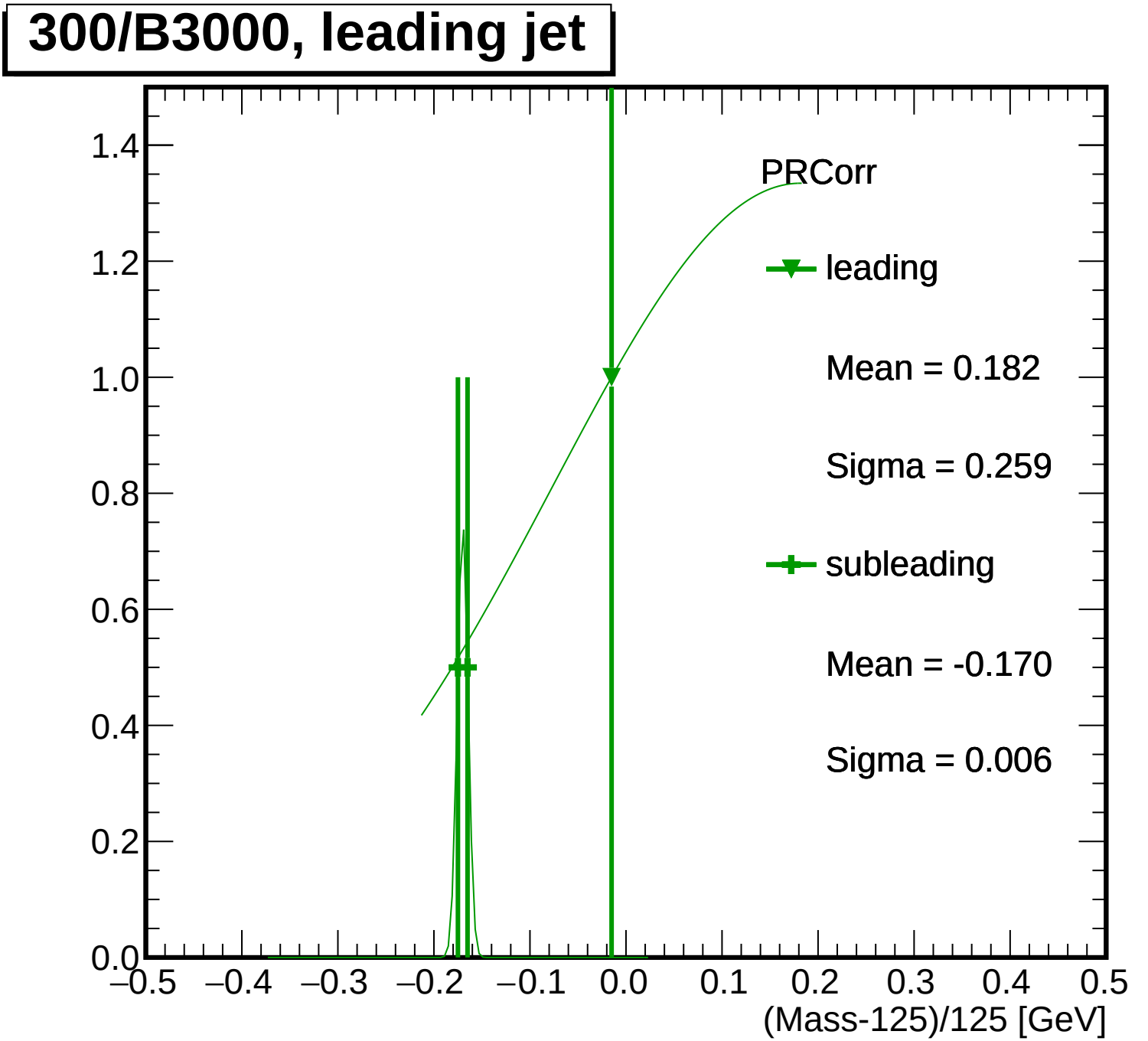

300/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
80
100
120
140
160
180
Mass [GeV]

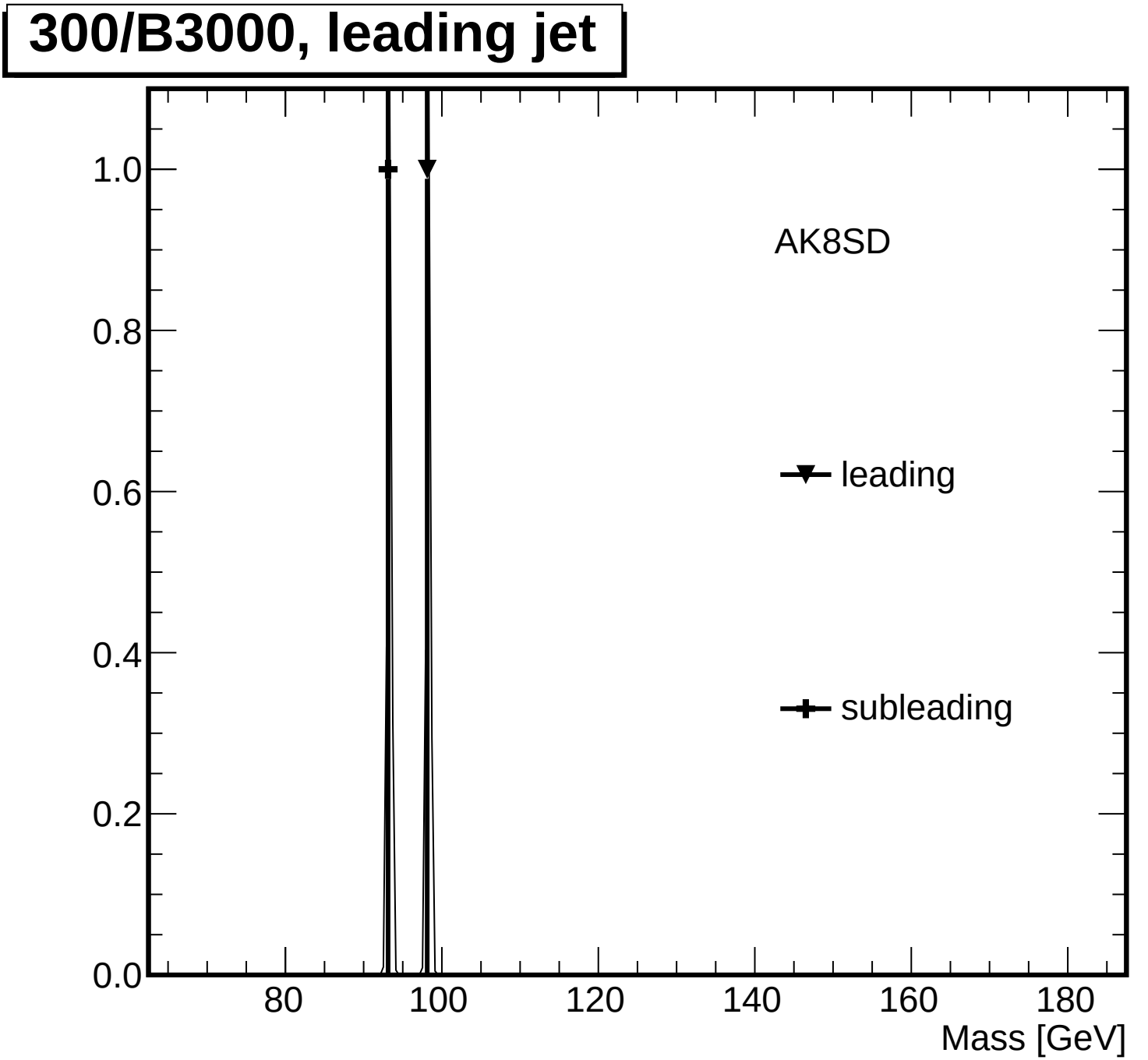

300/B3000, both jets
PR
Mean = -0.162
Sigma = 0.065
PRCorr
Mean = -0.093
Sigma = 0.544
AK8SD
Mean = -0.235
Sigma = 0.022
AK8SDCorrThea
Mean = -0.150
Sigma = 0.028
AK8SDHCorr
Mean = -0.065
Sigma = 0.022
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

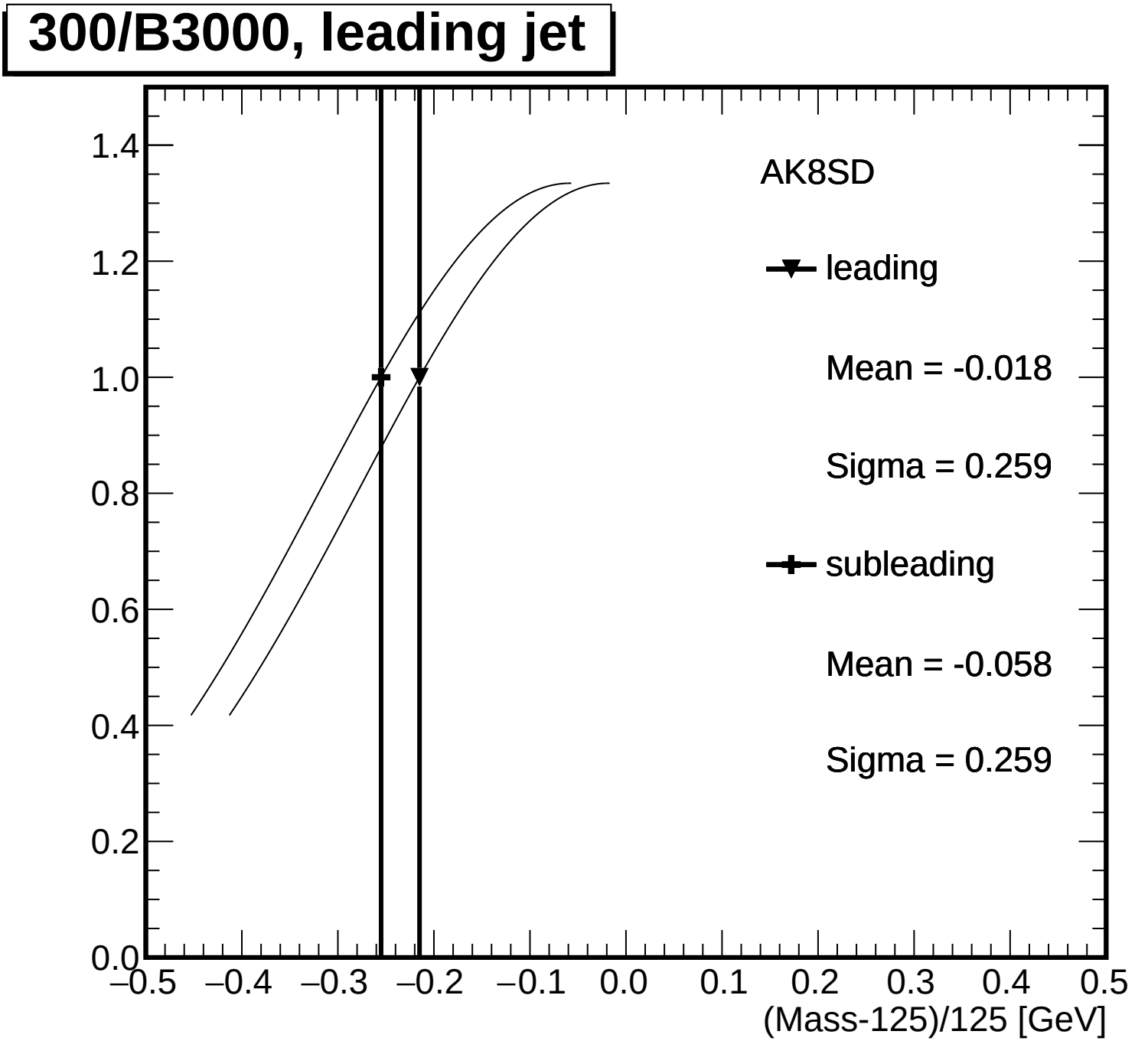

300/B3000, leading jet
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

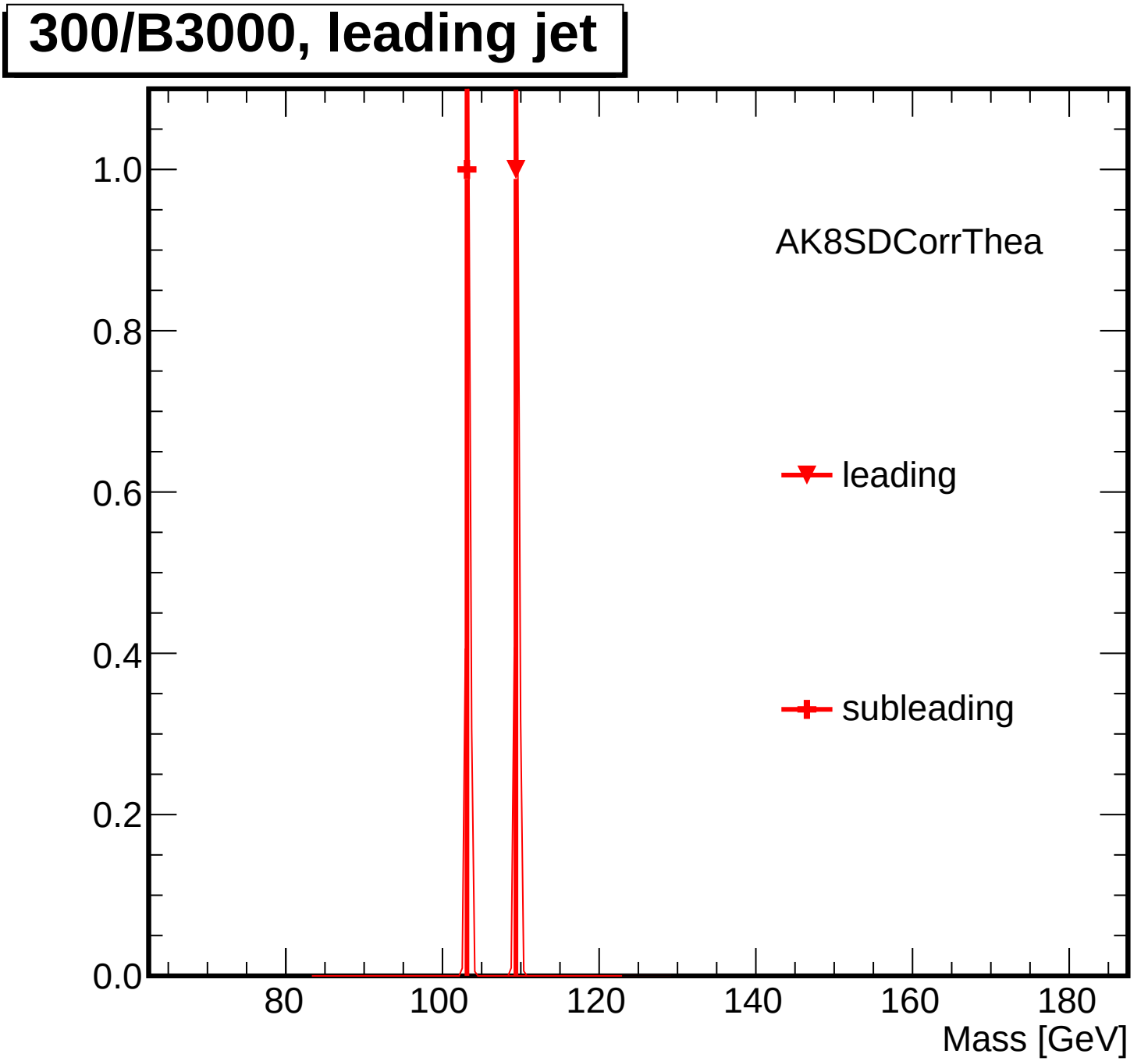

300/B3000, leading jet
PR
leading
Mean = 0.102
Sigma = 0.247
subleading
Mean = -0.046
Sigma = 0.225
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

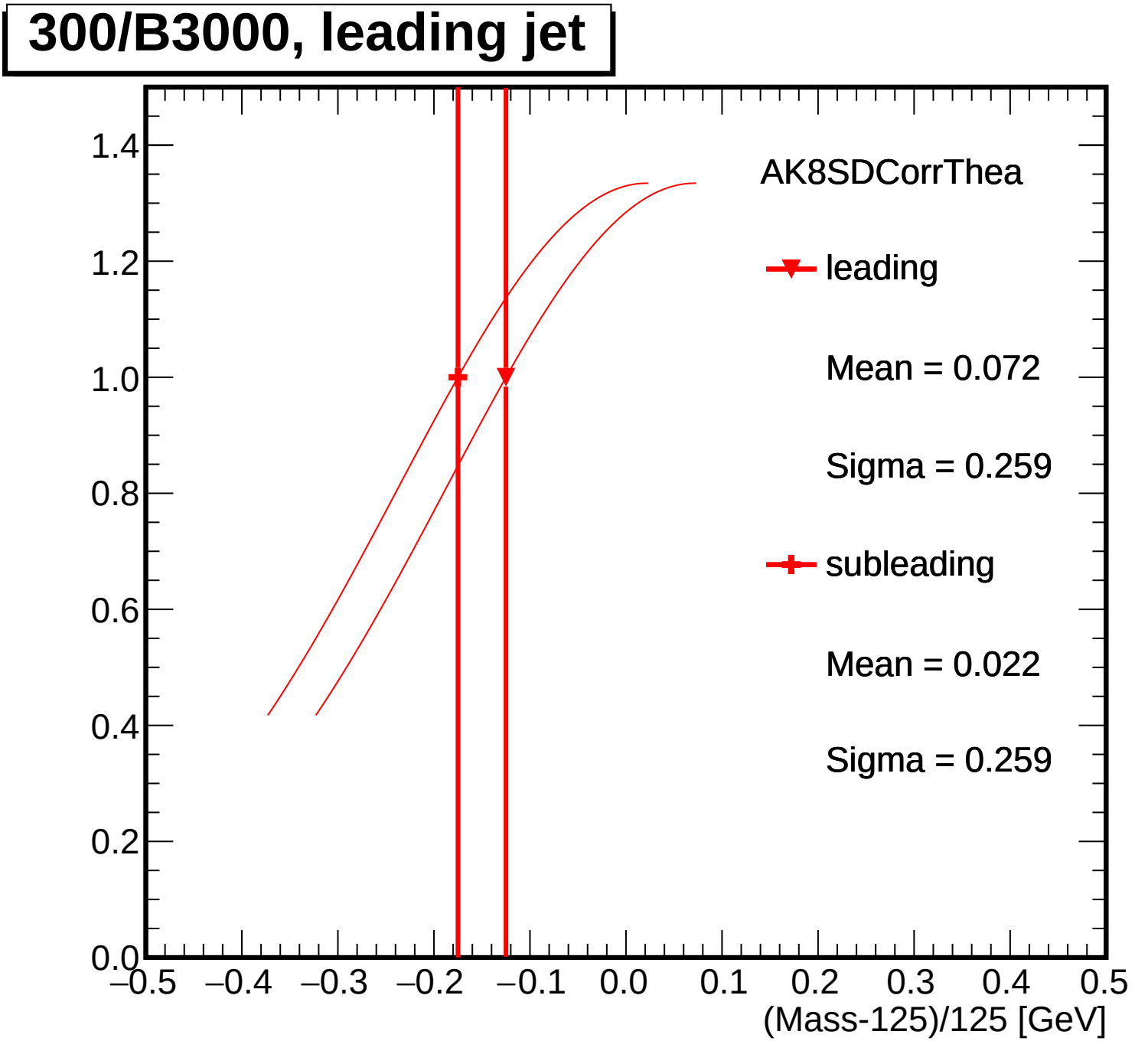

300/B3000, leading jet
PRCorr
leading
subleading
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]

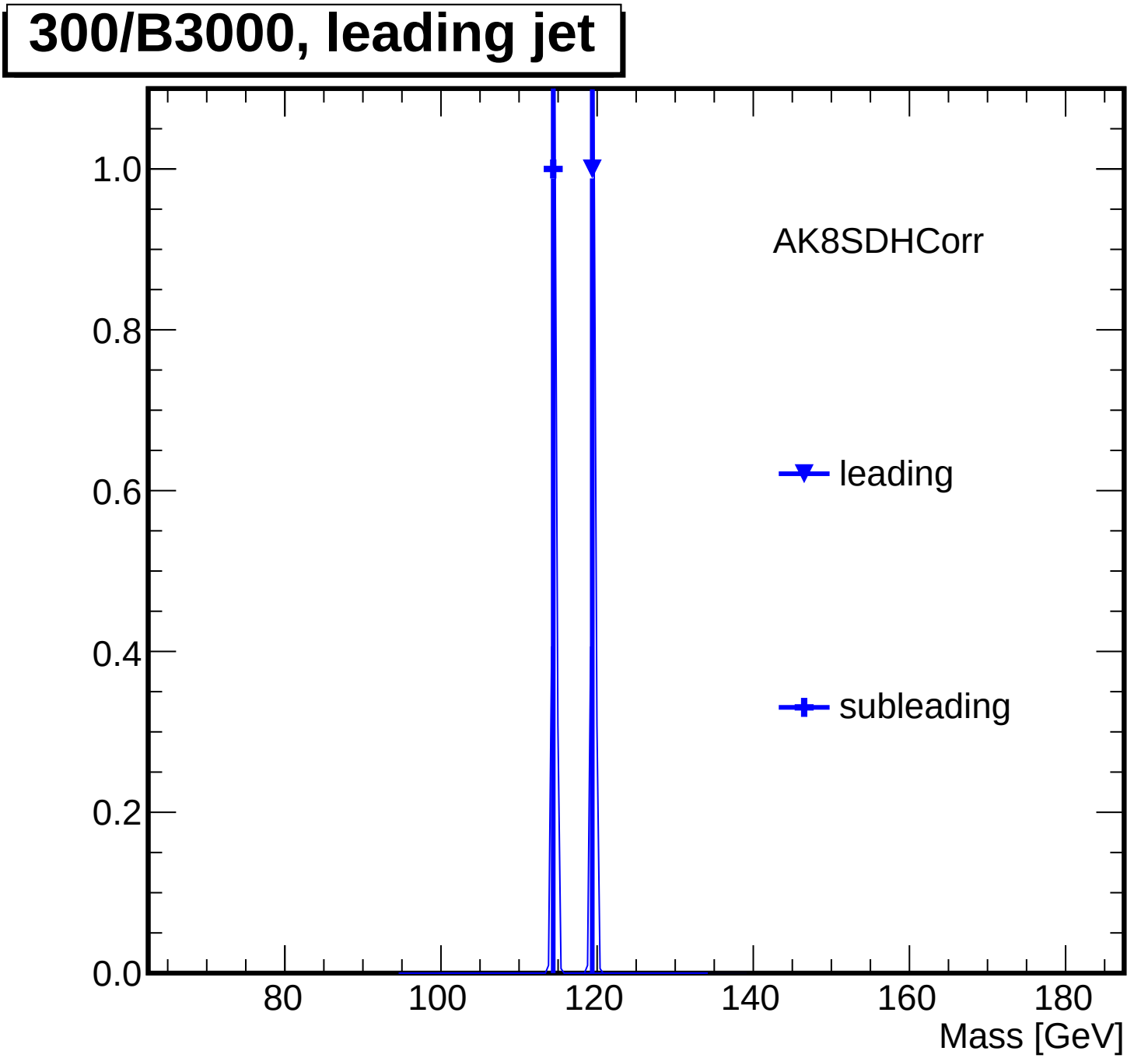

300/B3000, leading jet
PRCorr
leading
Mean = 0.182
Sigma = 0.259
subleading
Mean = -0.170
Sigma = 0.006
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

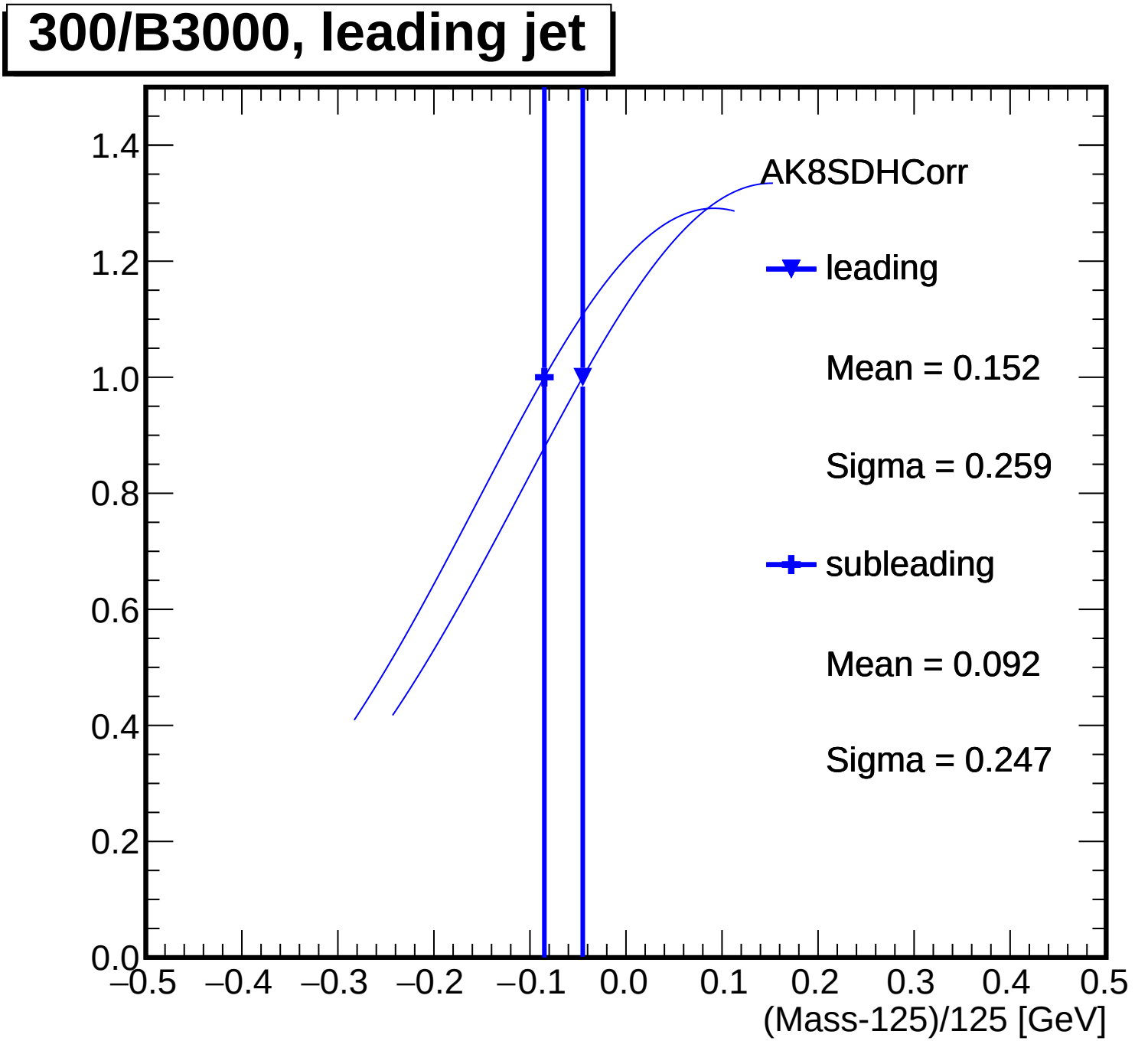

300/B3000, leading jet
AK8SD
leading
subleading
1.0
0.8
0.6
0.4
0.2
0.0
80
100
120
140
160
180
Mass [GeV]


300/B3000, leading jet
AK8SD
leading
Mean = -0.018
Sigma = 0.259
subleading
Mean = -0.058
Sigma = 0.259
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]


300/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]


300/B3000, leading jet
AK8SDCorrThea
leading
Mean = 0.072
Sigma = 0.259
subleading
Mean = 0.022
Sigma = 0.259
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]


300/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]


300/B3000, leading jet
AK8SDHCorr
leading
Mean = 0.152
Sigma = 0.259
subleading
Mean = 0.092
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]