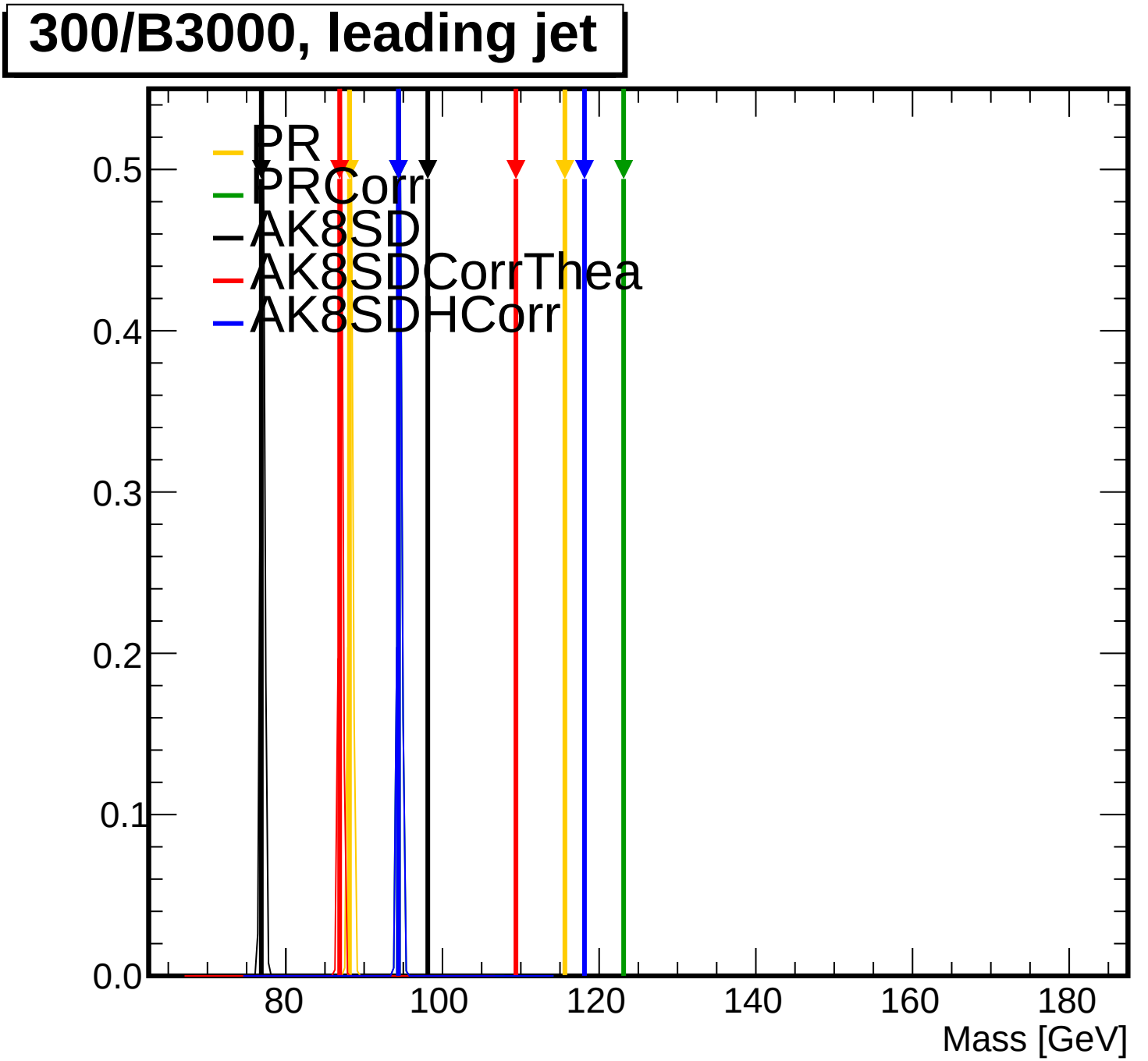
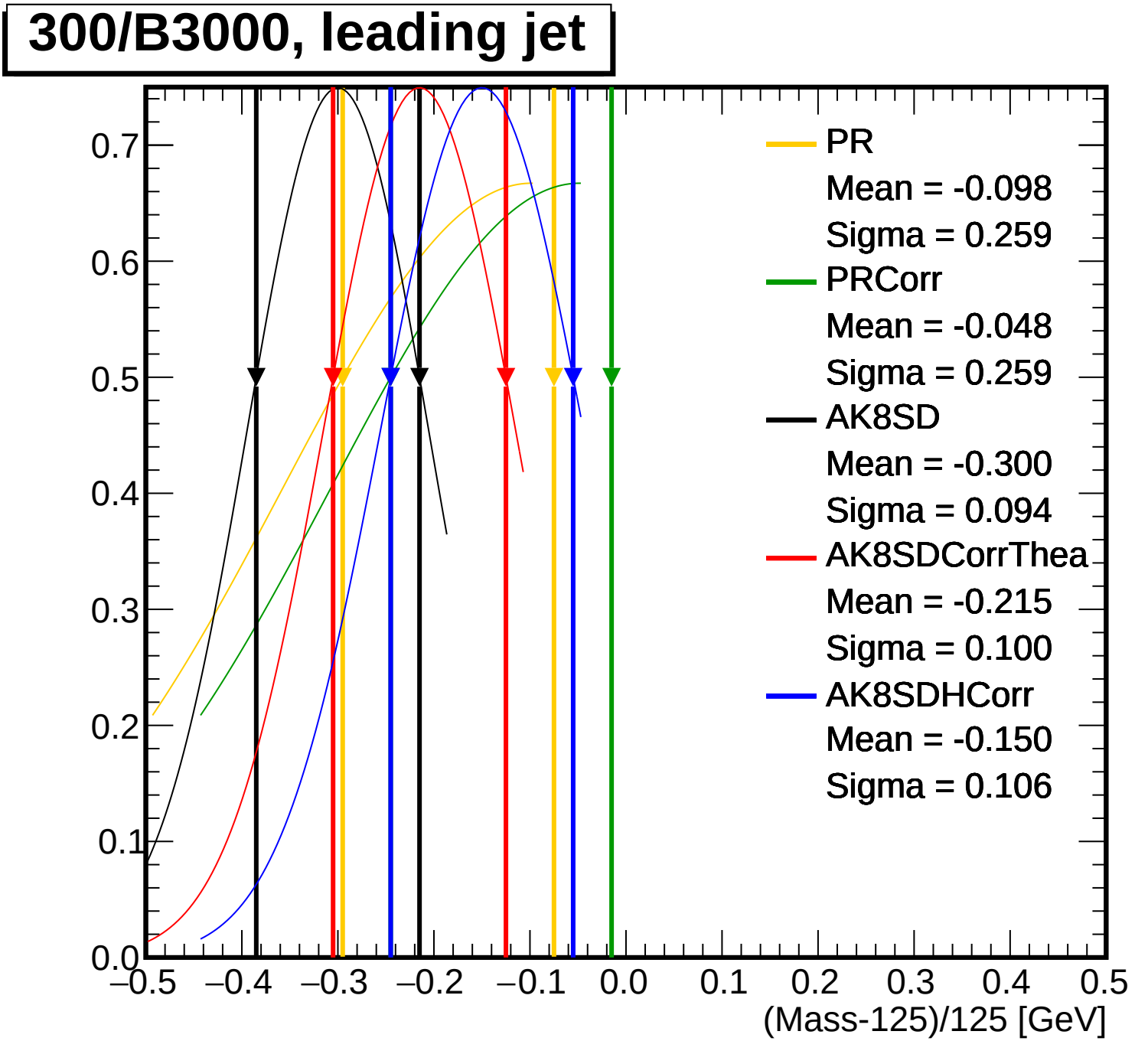
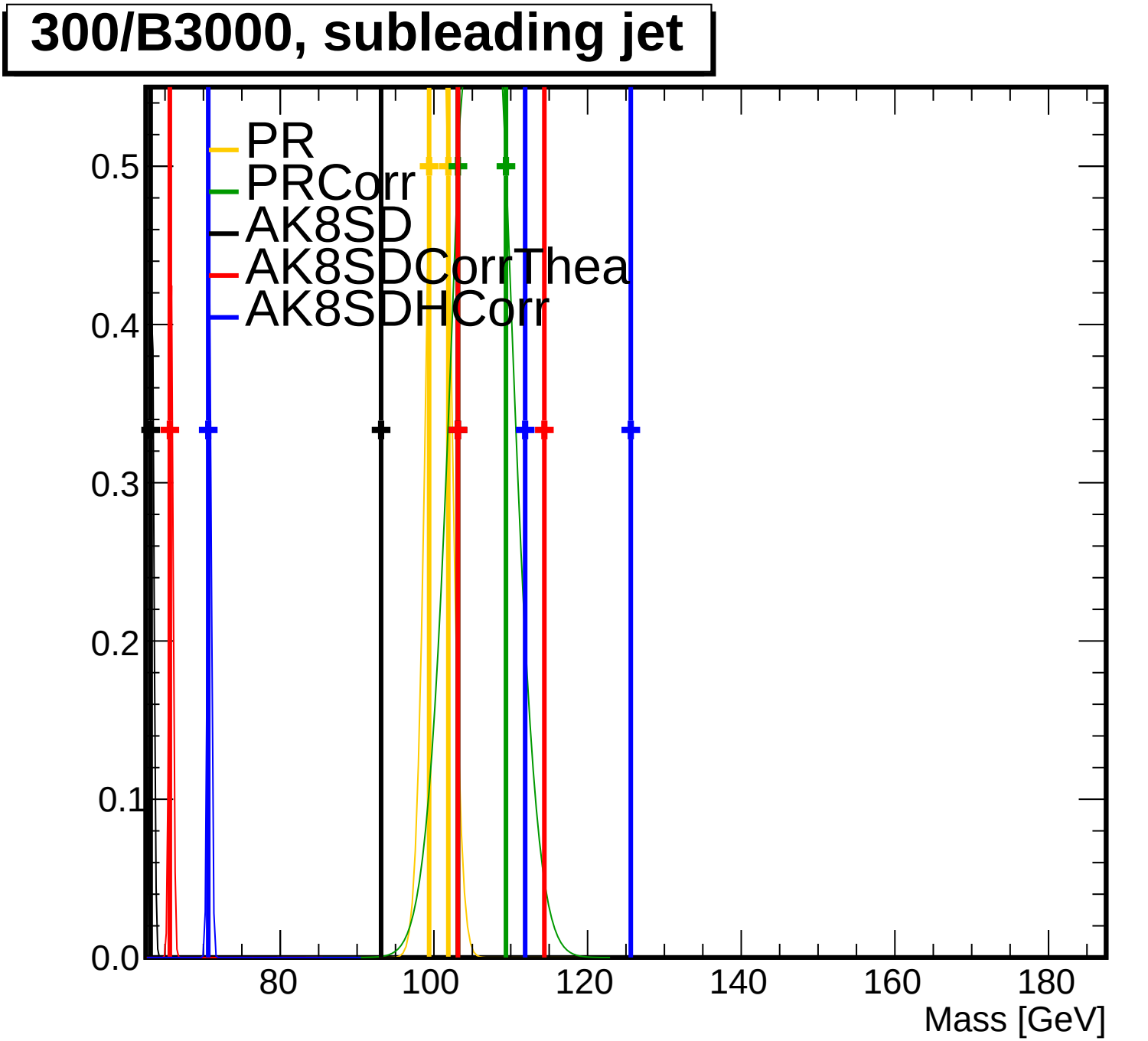
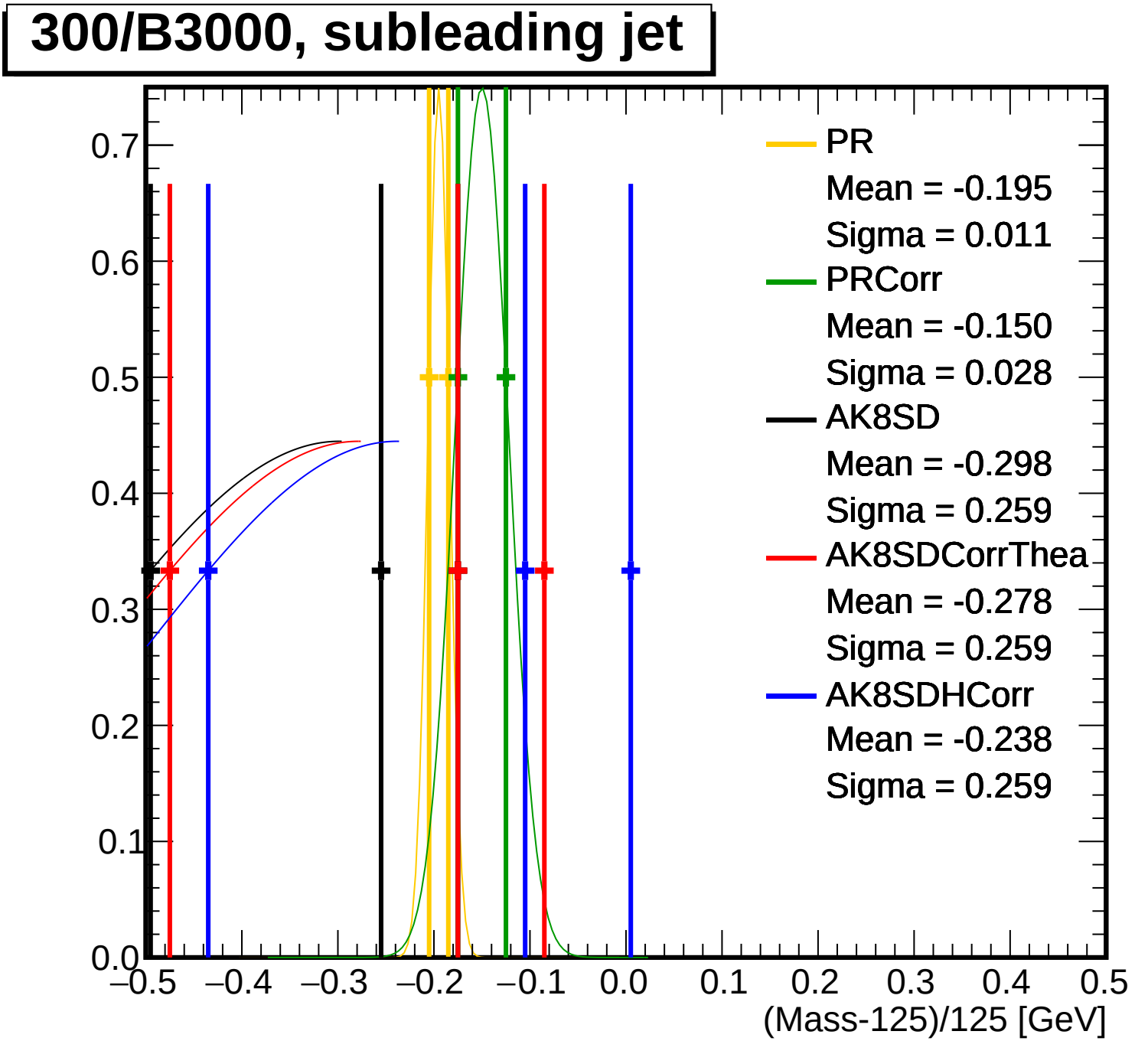
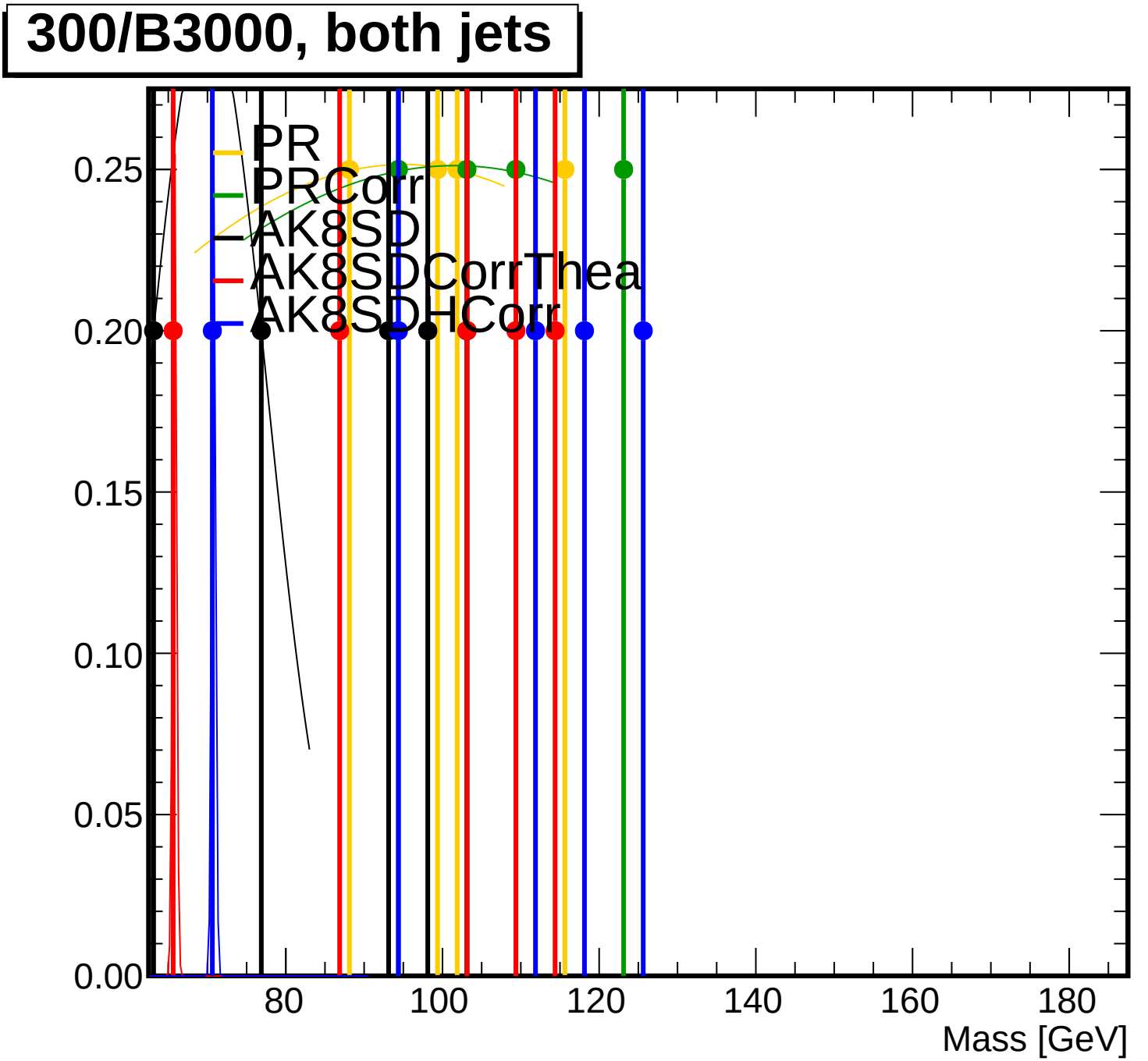
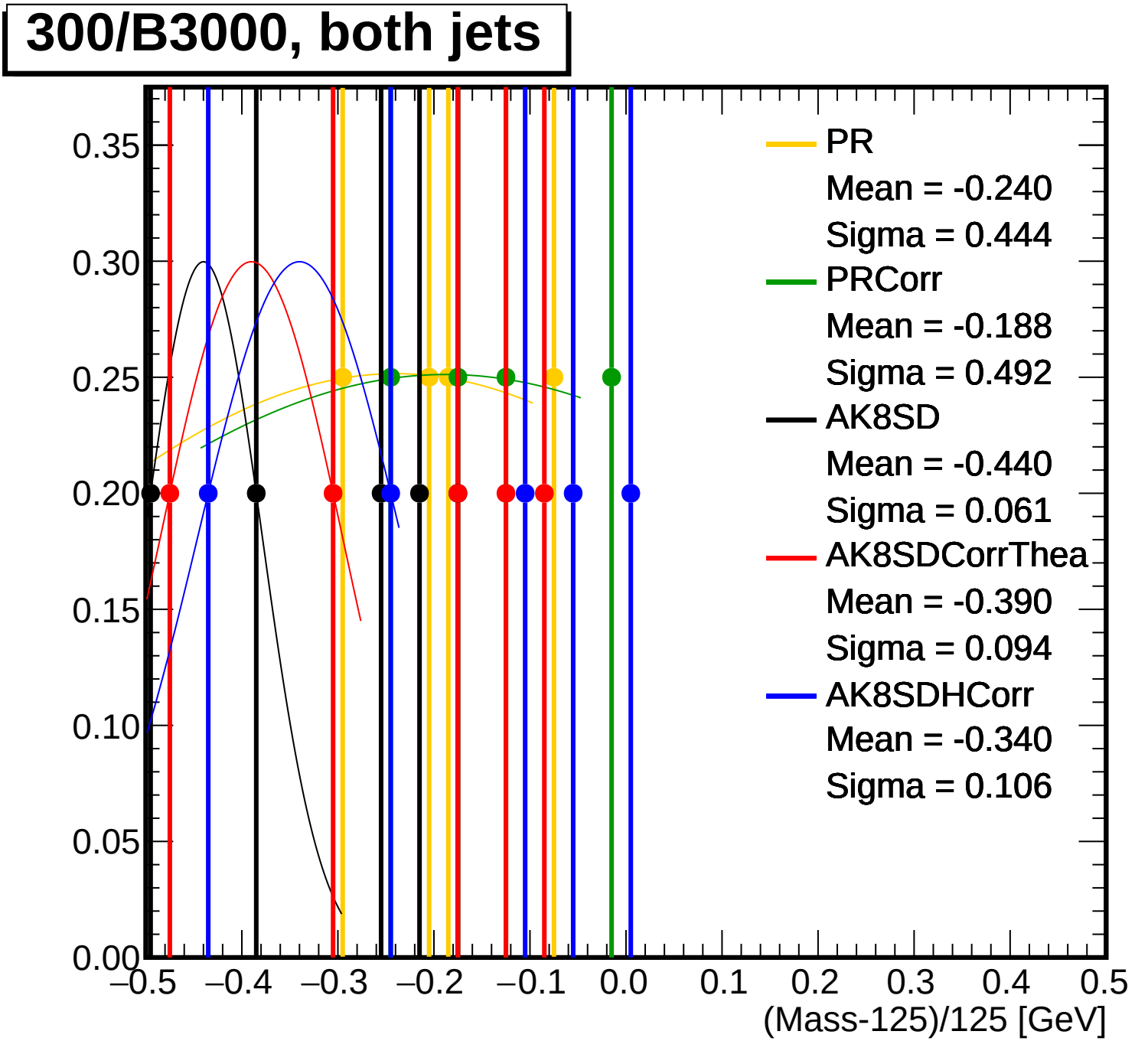

300/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]

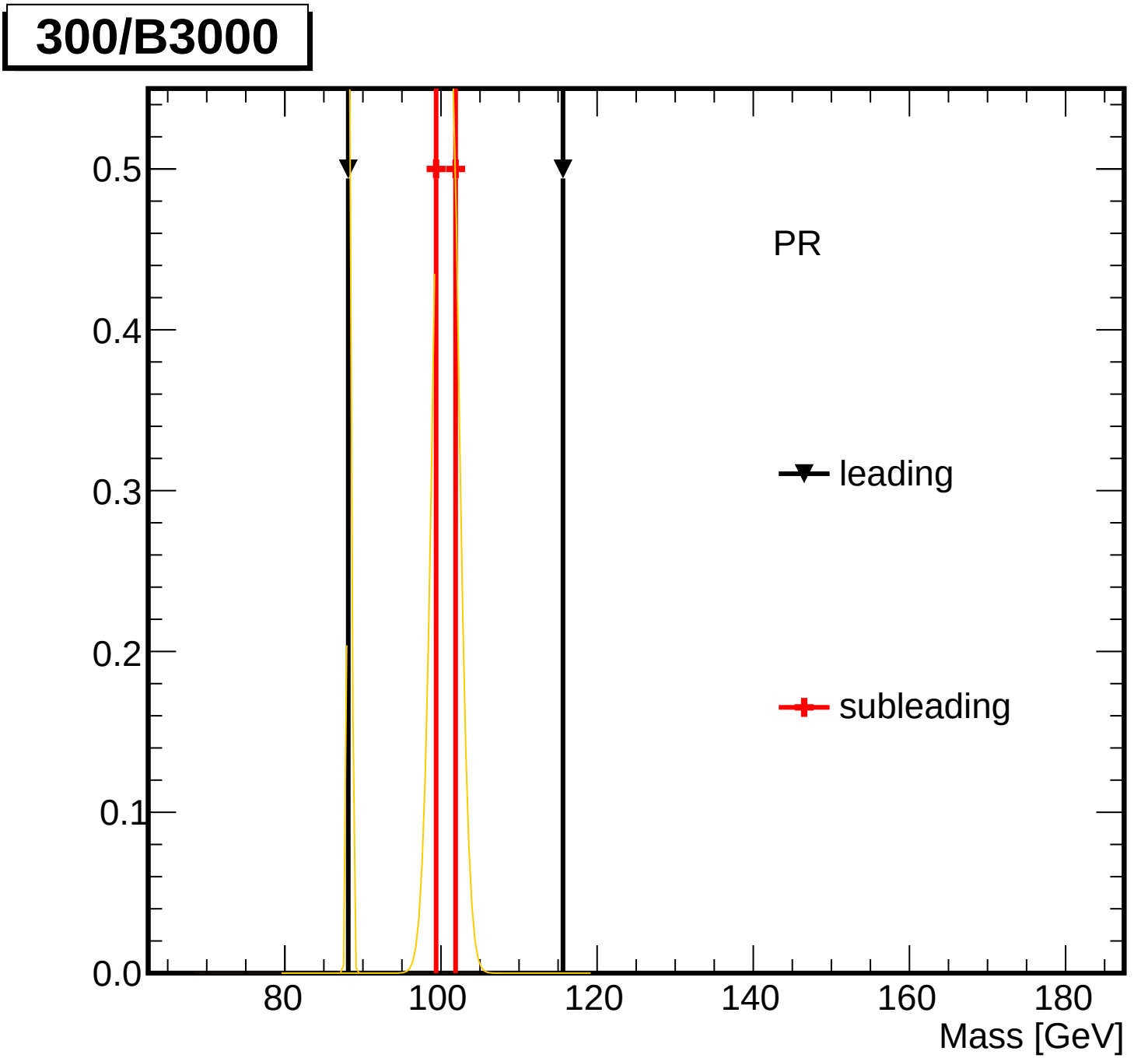

300/B3000, leading jet
PR
Mean = -0.098
Sigma = 0.259
PRCorr
Mean = -0.048
Sigma = 0.259
AK8SD
Mean = -0.300
Sigma = 0.094
AK8SDCorrThea
Mean = -0.215
Sigma = 0.100
AK8SDHCorr
Mean = -0.150
Sigma = 0.106
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

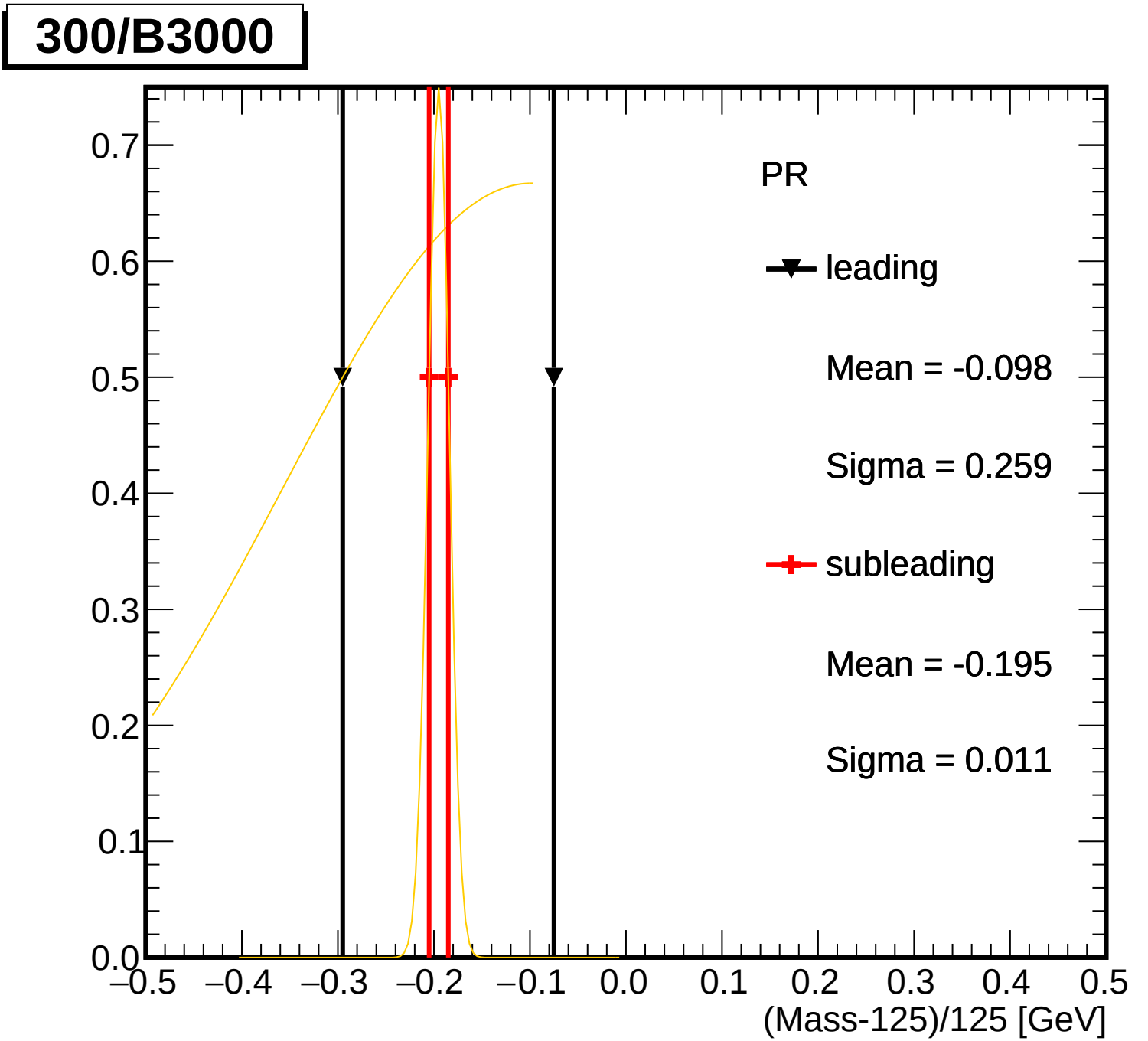

300/B3000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]

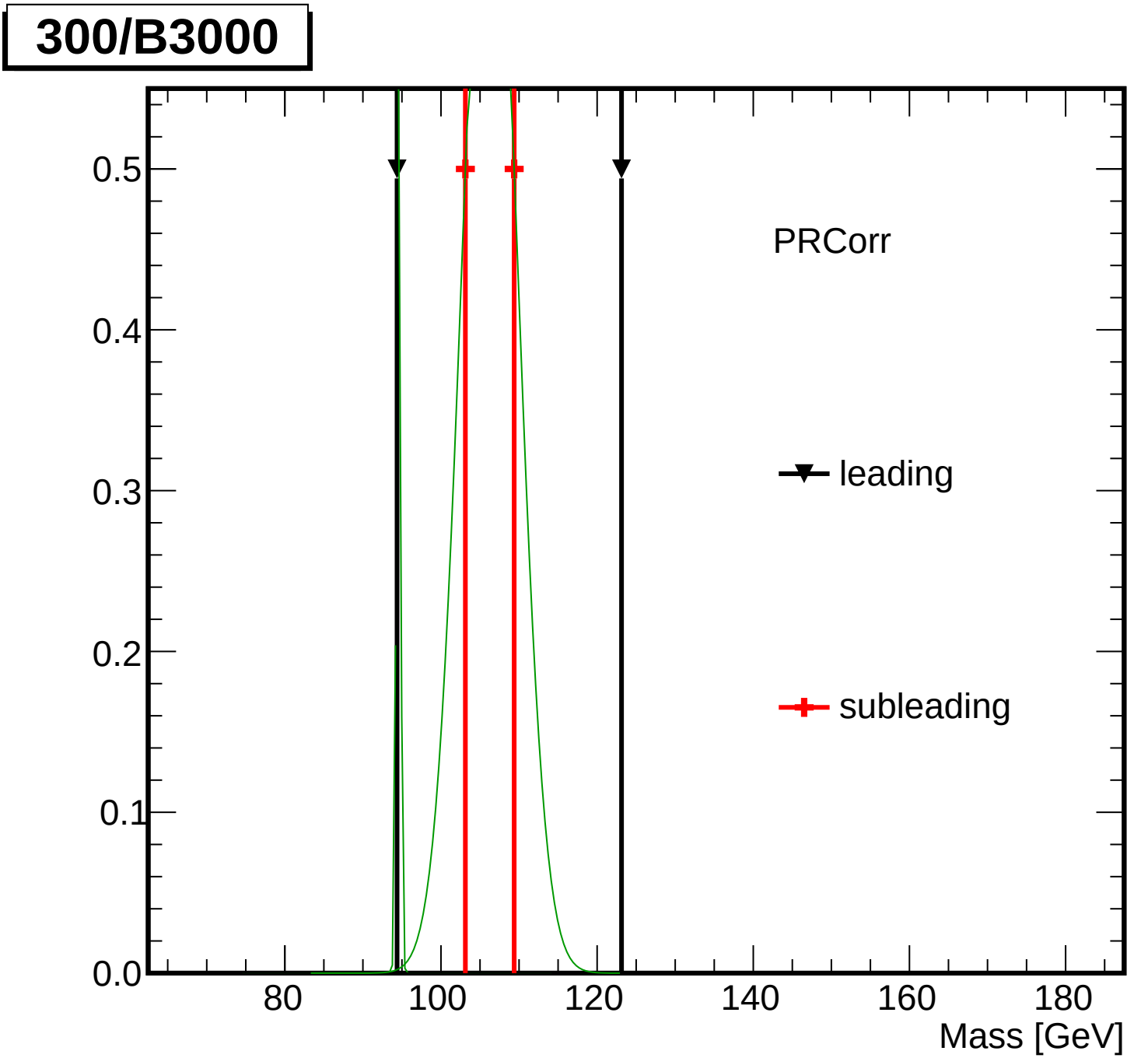

300/B3000, subleading jet
PR
Mean = -0.195
Sigma = 0.011
PRCorr
Mean = -0.150
Sigma = 0.028
AK8SD
Mean = -0.298
Sigma = 0.259
AK8SDCorrThea
Mean = -0.278
Sigma = 0.259
AK8SDHCorr
Mean = -0.238
Sigma = 0.259
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

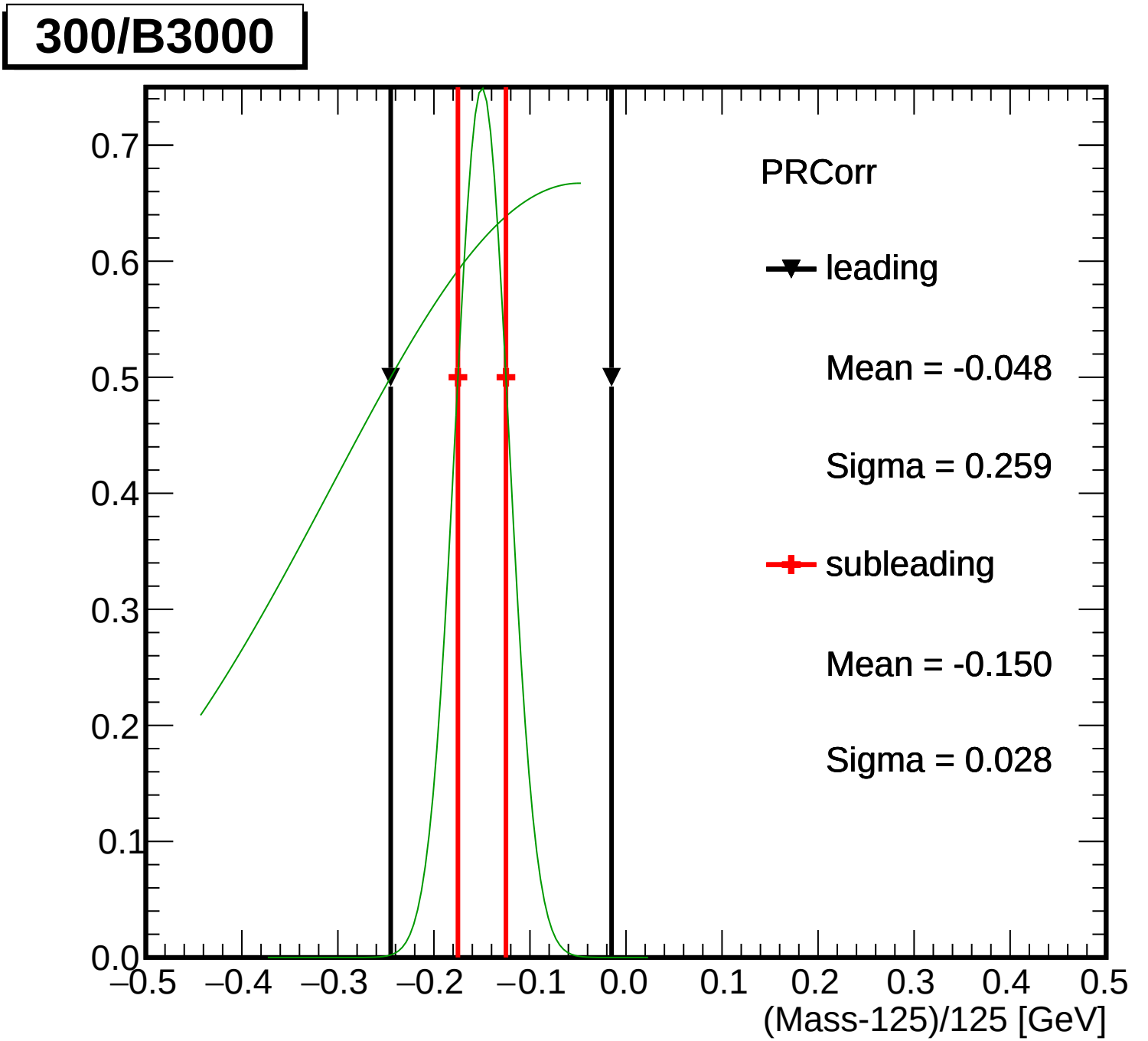

300/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

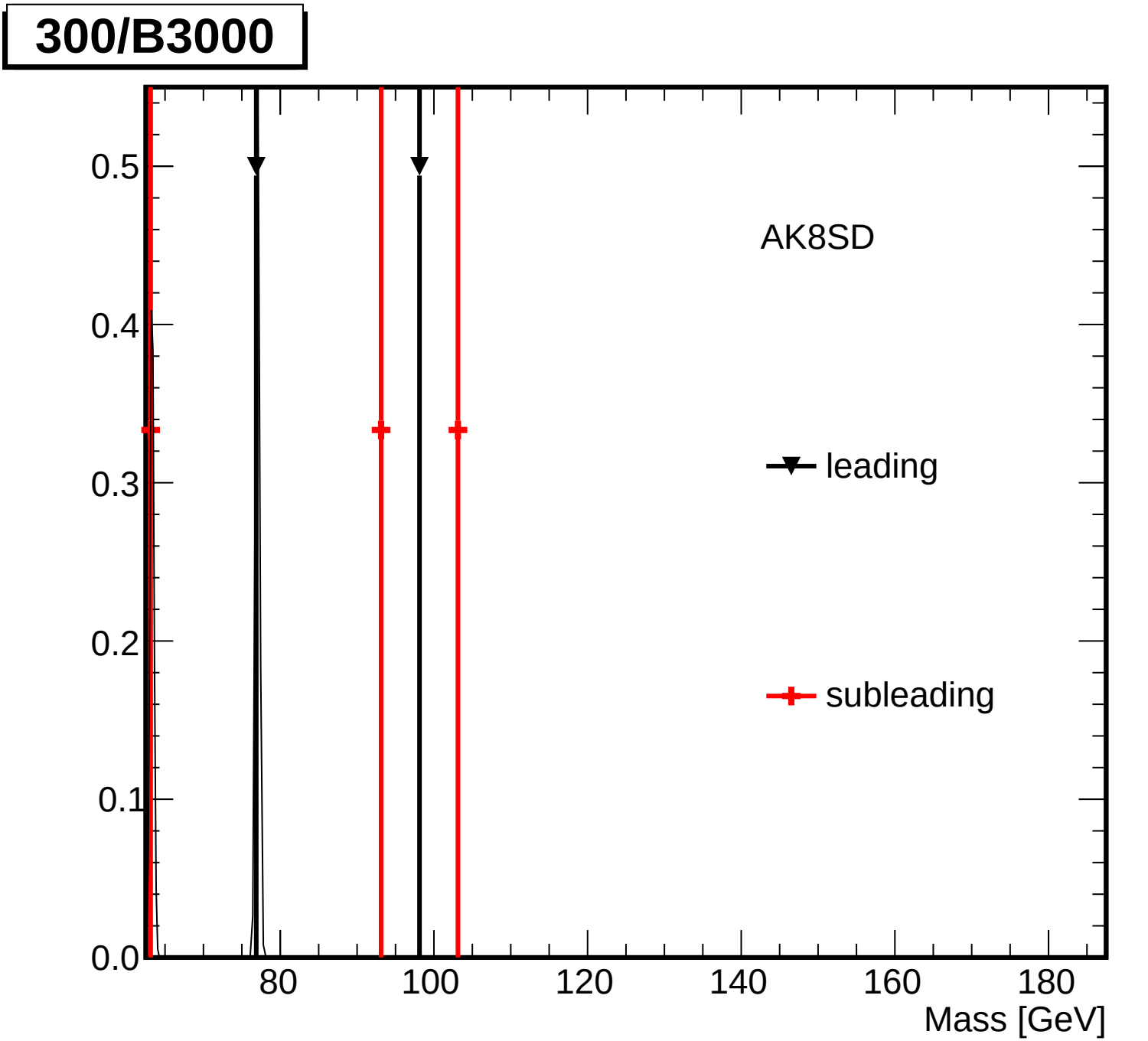

300/B3000, both jets
PR
Mean = -0.240
Sigma = 0.444
PRCorr
Mean = -0.188
Sigma = 0.492
AK8SD
Mean = -0.440
Sigma = 0.061
AK8SDCorrThea
Mean = -0.390
Sigma = 0.094
AK8SDHCorr
Mean = -0.340
Sigma = 0.106
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

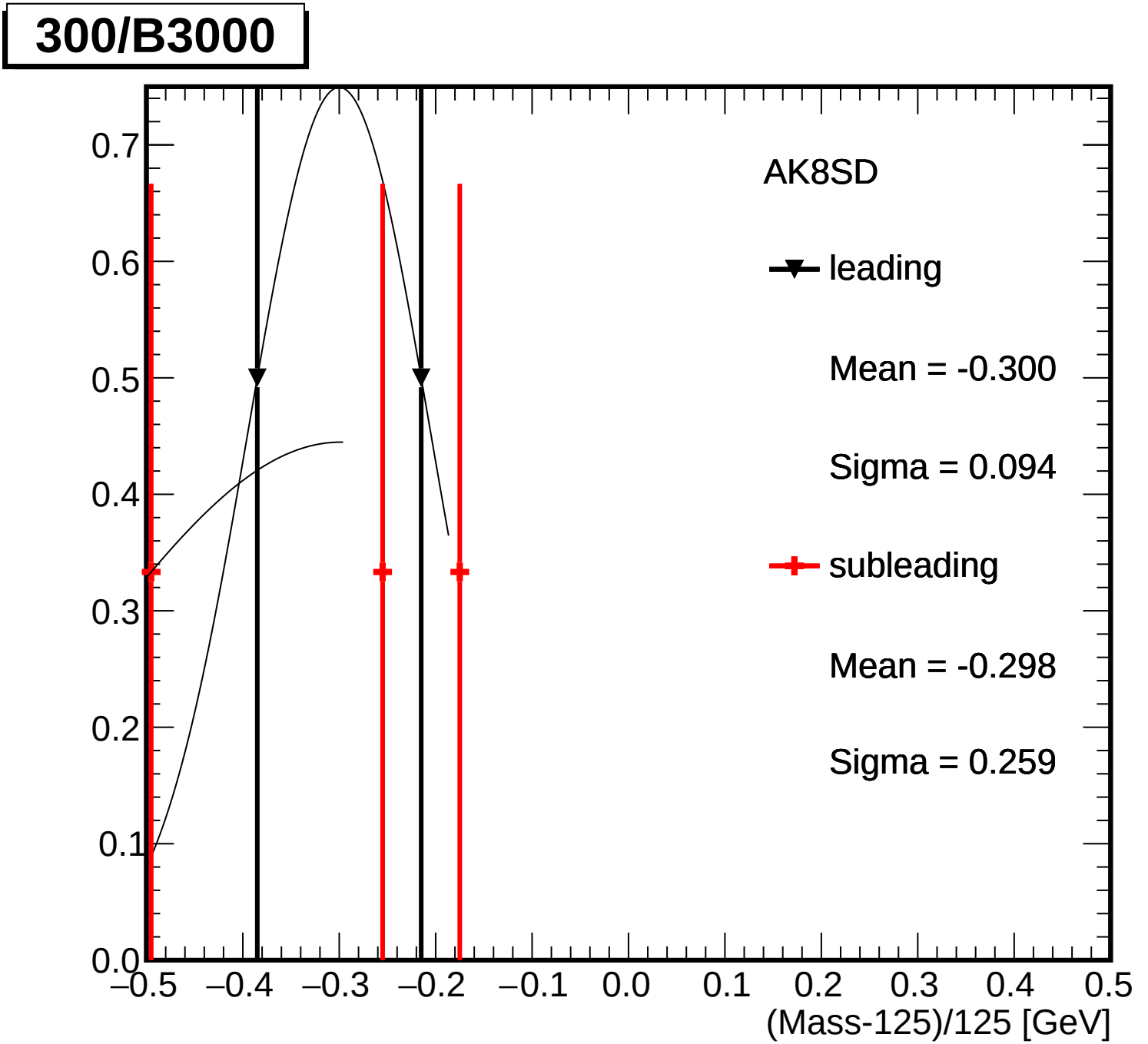

300/B3000
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

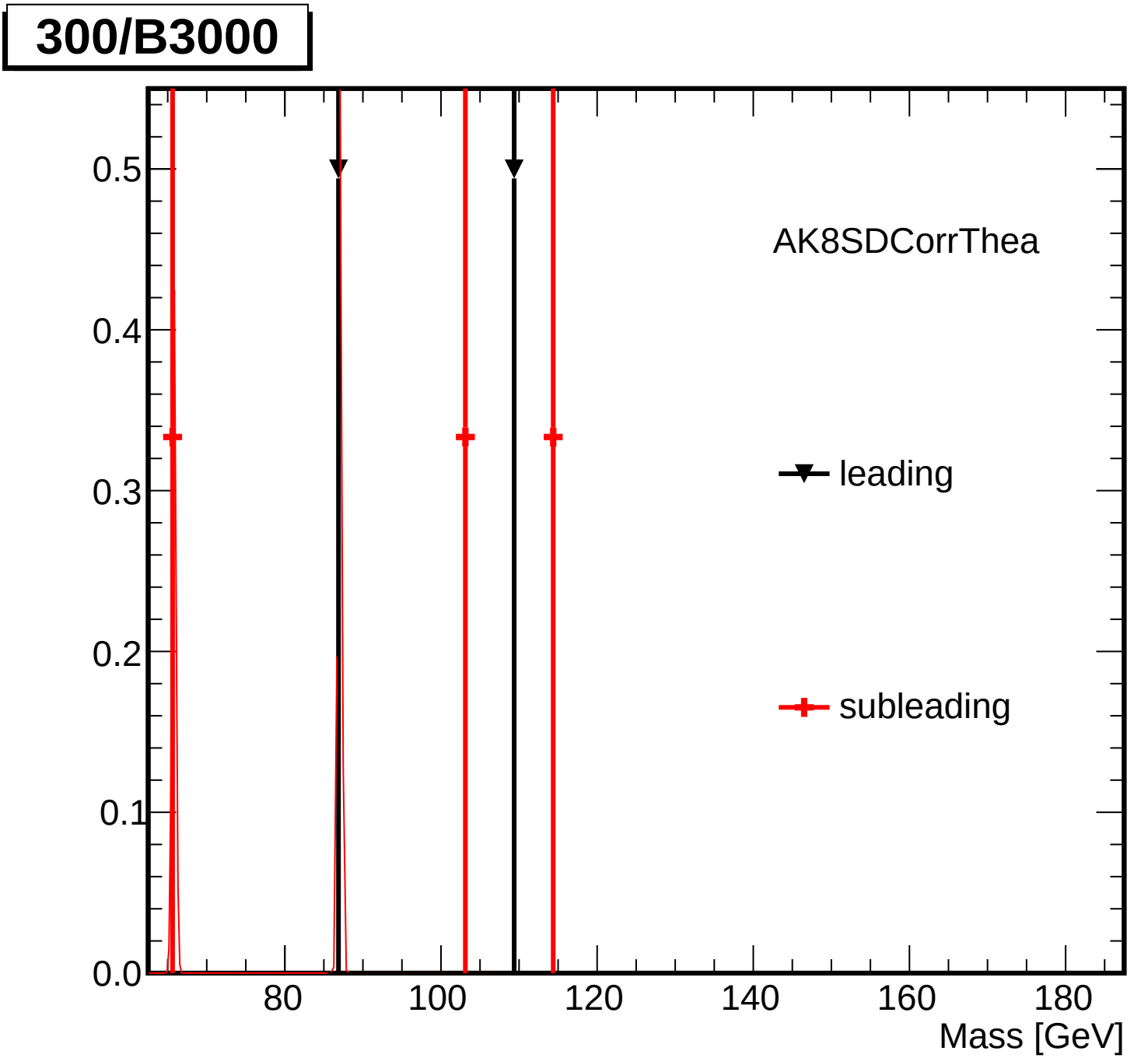

300/B3000
PR
leading
Mean = -0.098
Sigma = 0.259
subleading
Mean = -0.195
Sigma = 0.011
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

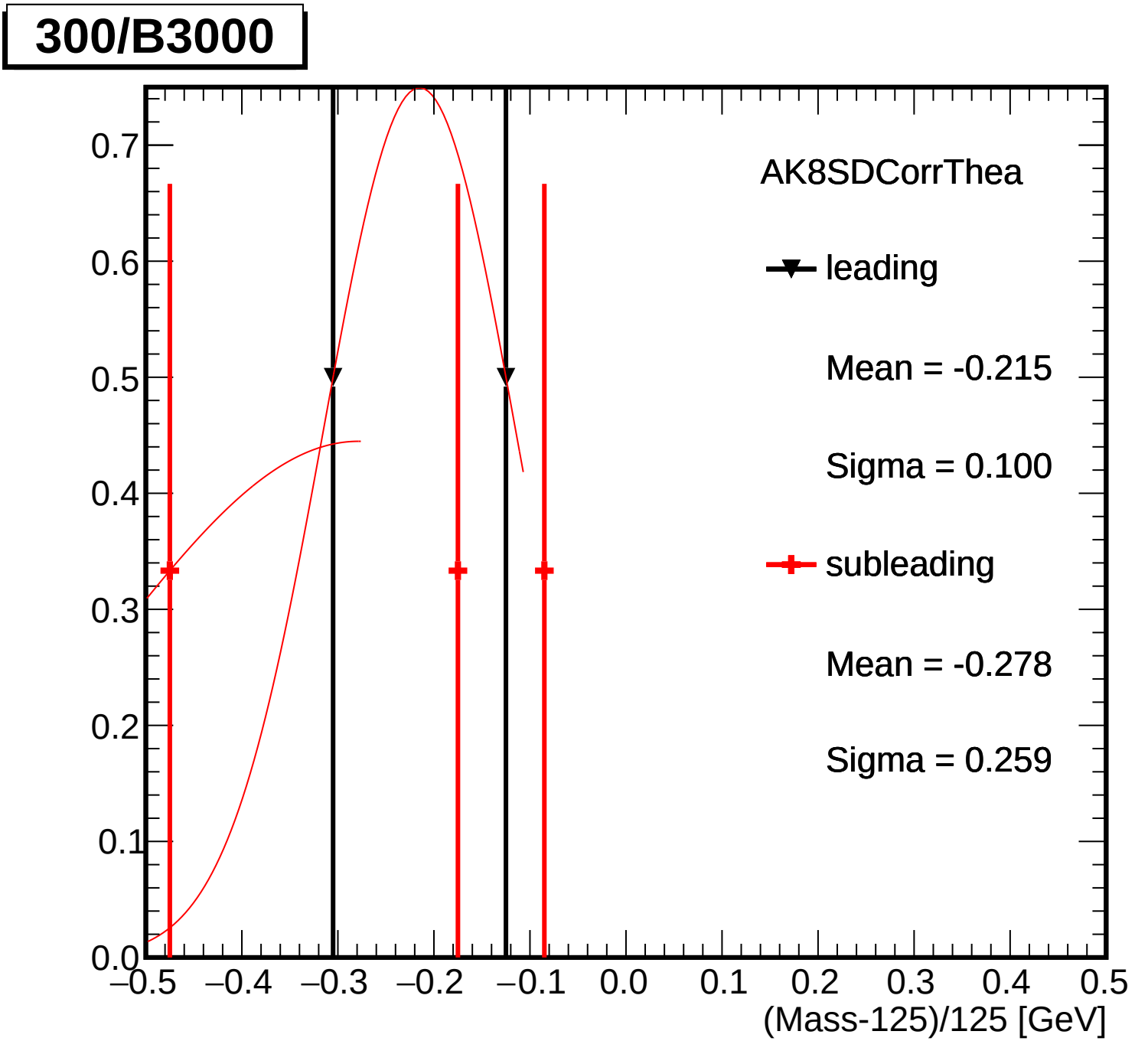

300/B3000
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

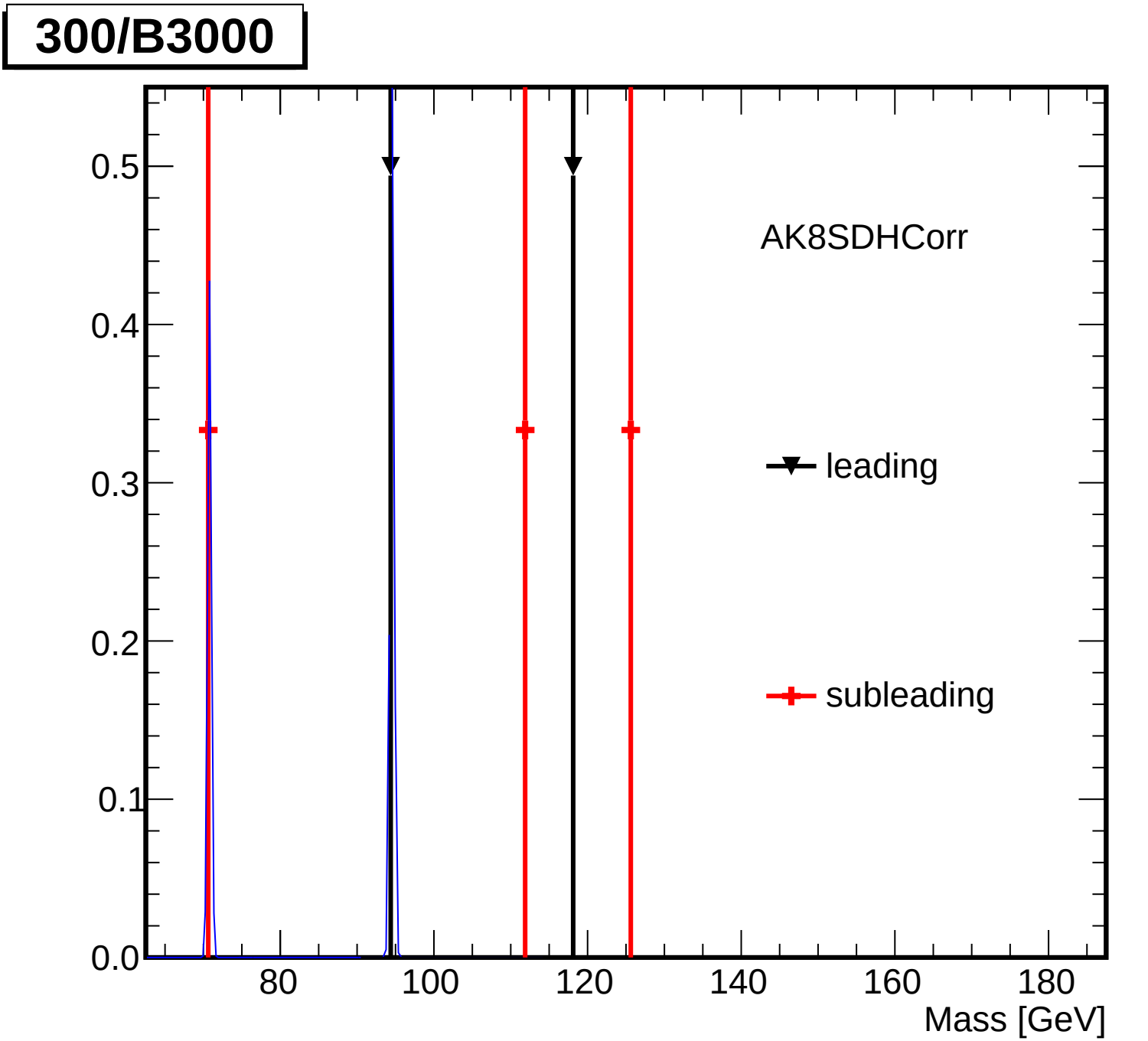

300/B3000
PRCorr
leading
Mean = -0.048
Sigma = 0.259
subleading
Mean = -0.150
Sigma = 0.028
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

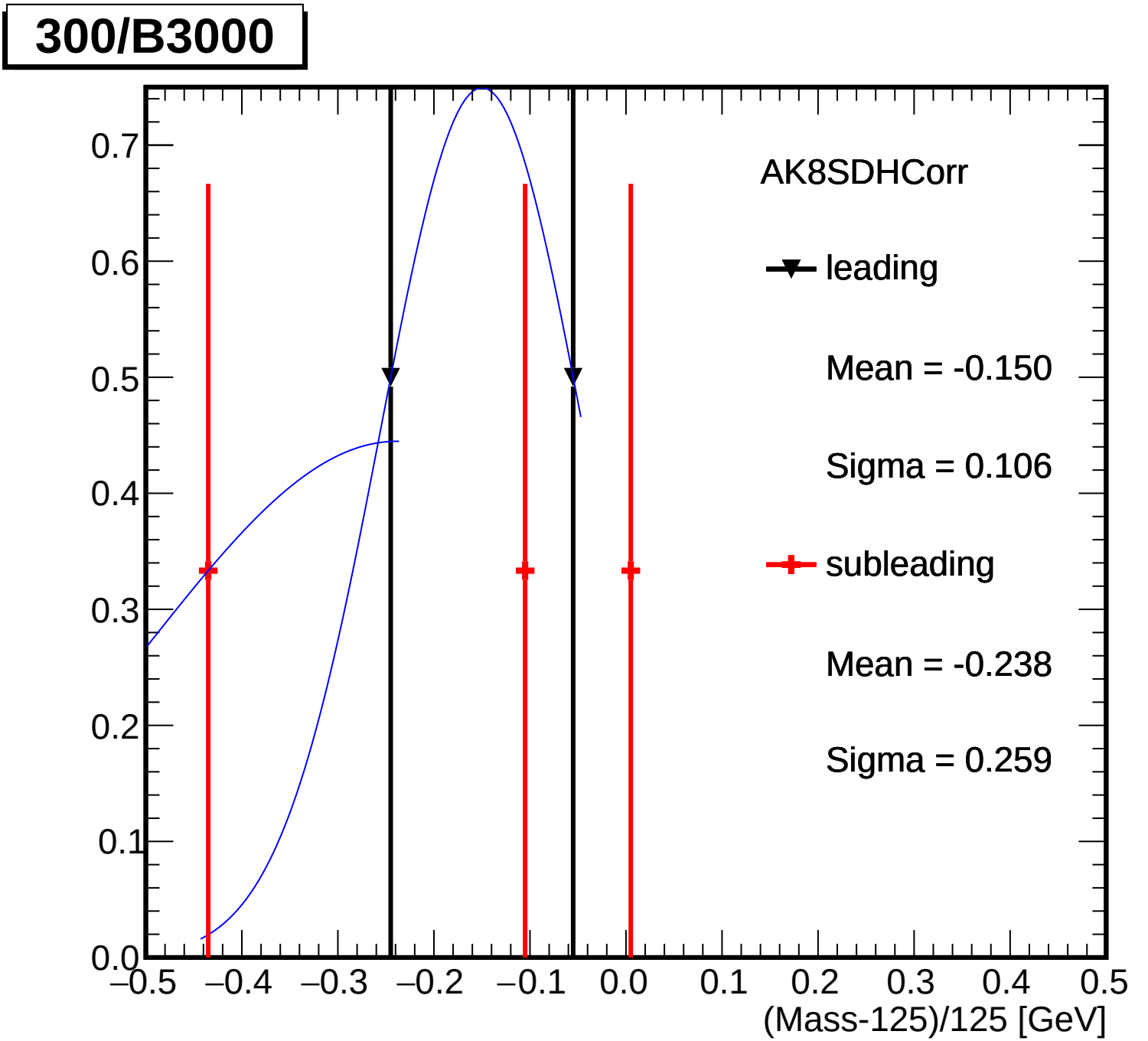

300/B3000
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


300/B3000
AK8SD
leading
Mean = -0.300
Sigma = 0.094
subleading
Mean = -0.298
Sigma = 0.259
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]


300/B3000
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


300/B3000
AK8SDCorrThea
leading
Mean = -0.215
Sigma = 0.100
subleading
Mean = -0.278
Sigma = 0.259
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]


300/B3000
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]
AK8SDHCorr
leading
subleading


300/B3000
AK8SDHCorr
leading
Mean = -0.150
Sigma = 0.106
subleading
Mean = -0.238
Sigma = 0.259
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]