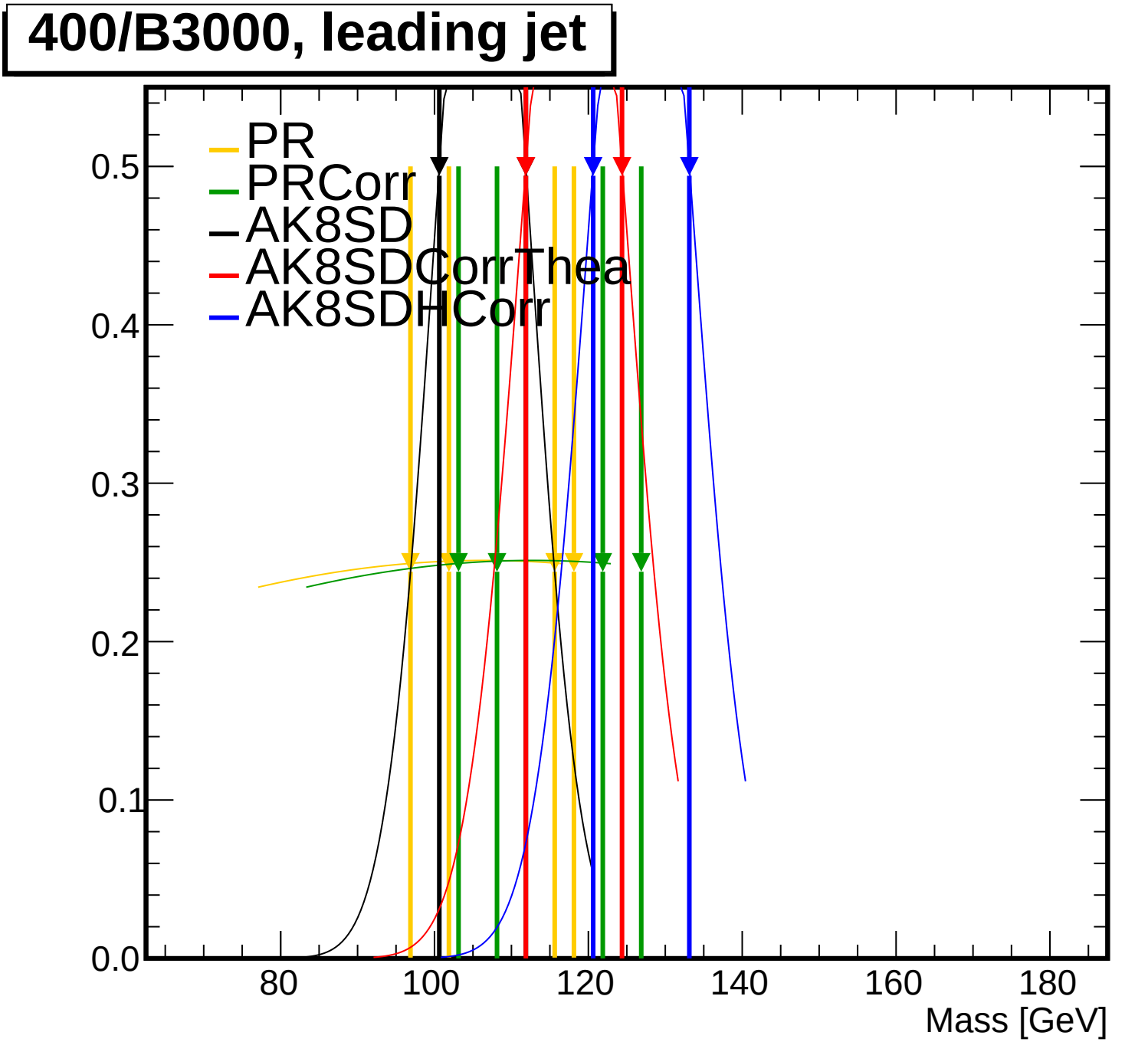
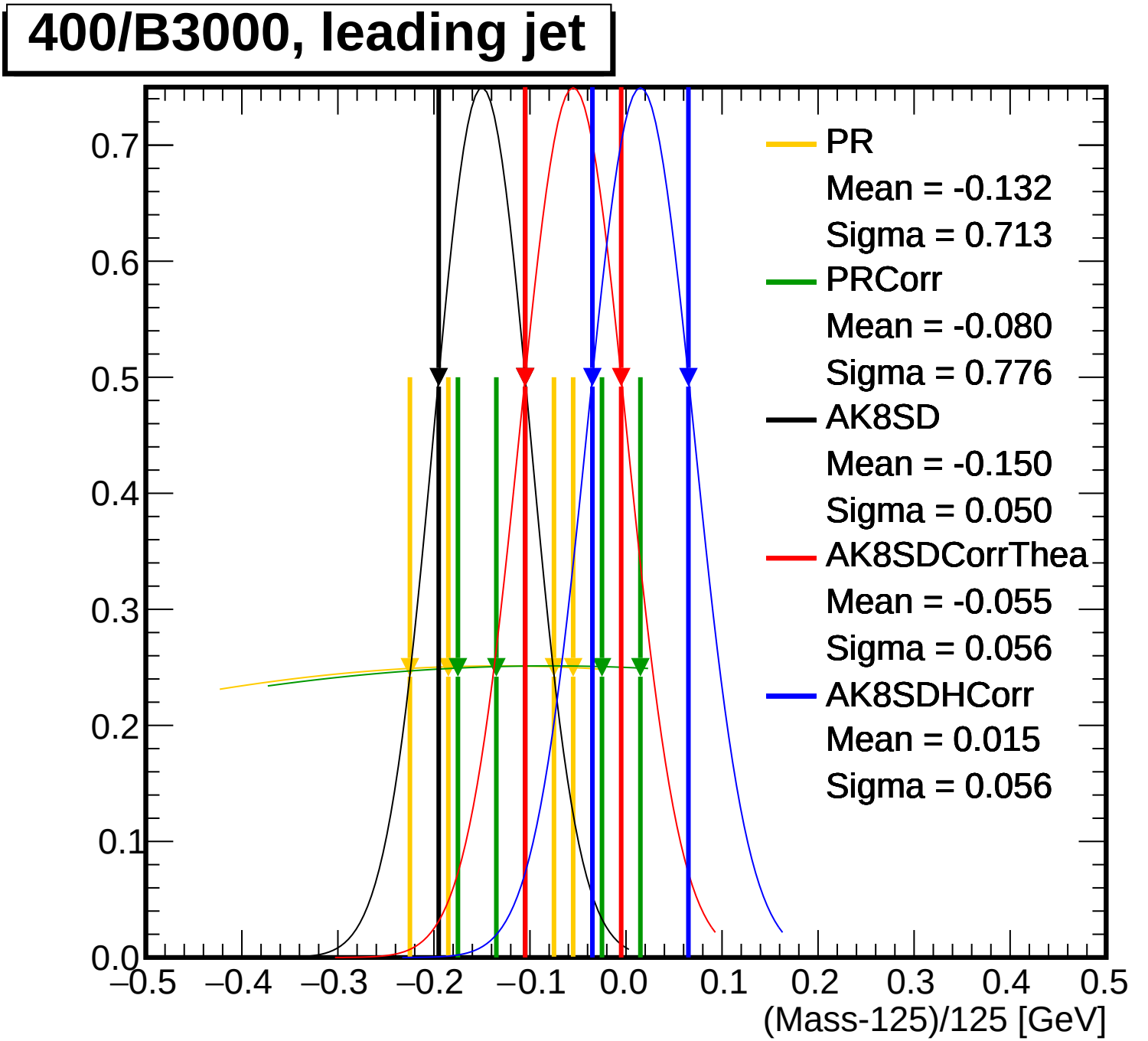
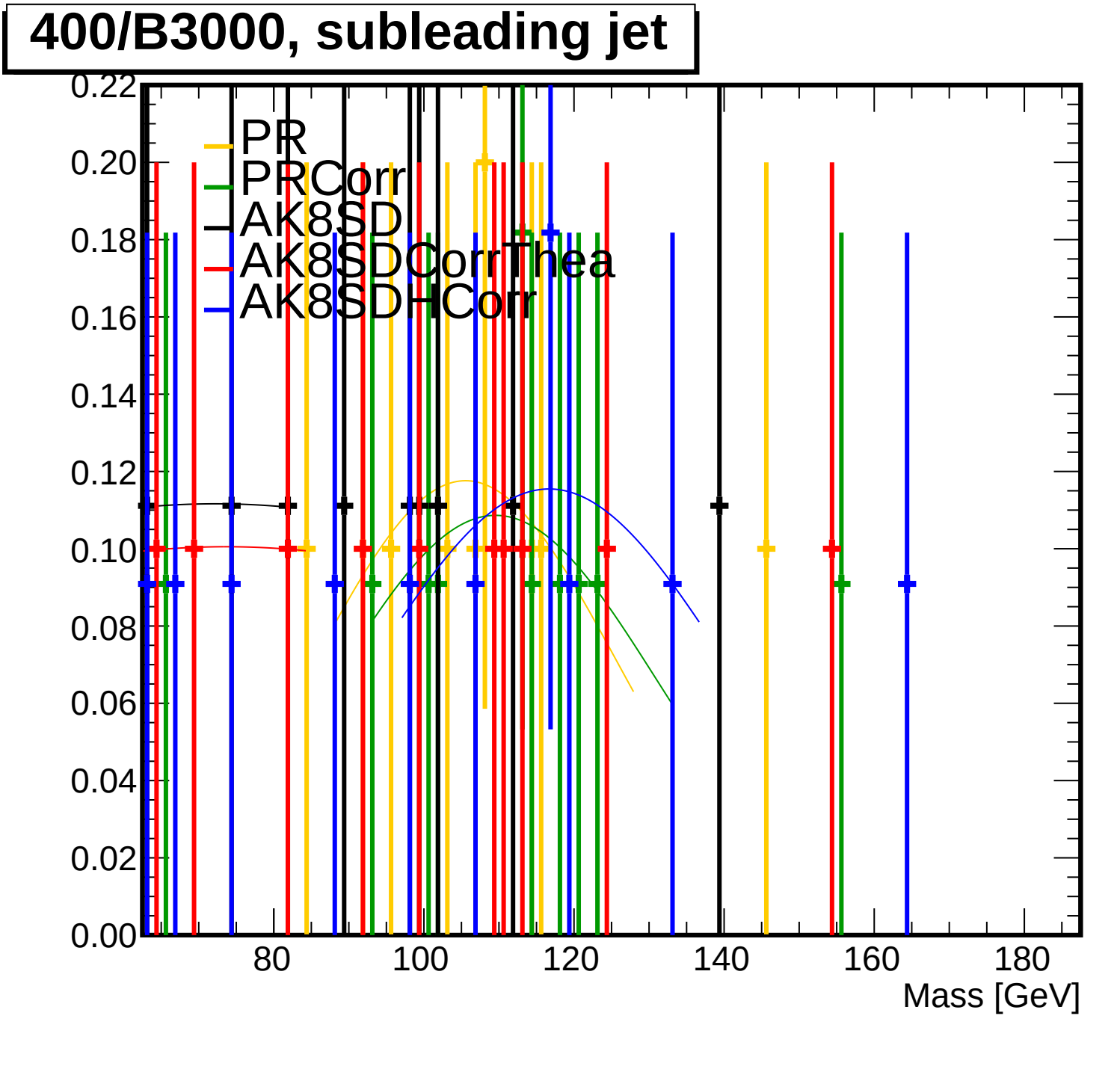
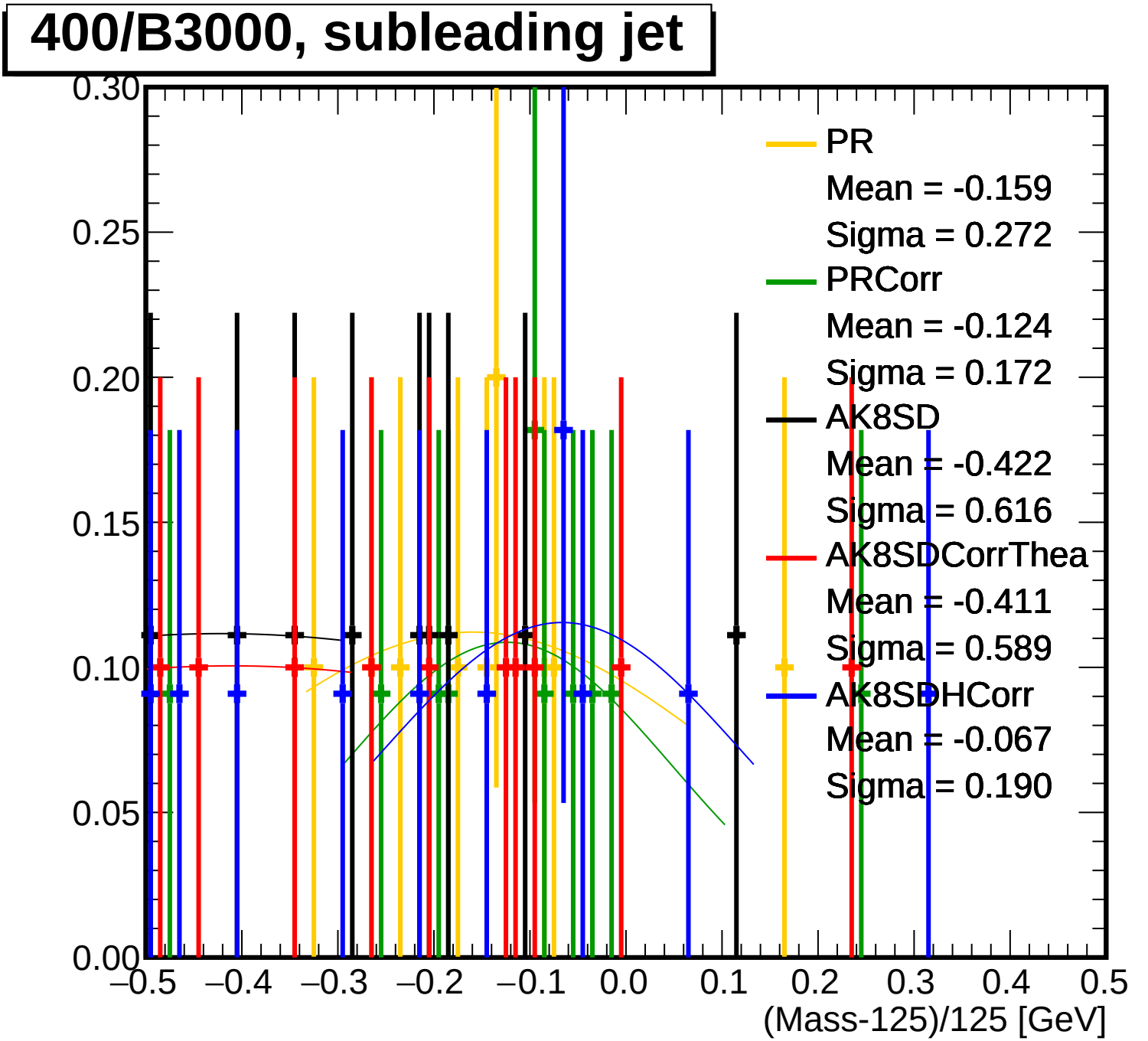
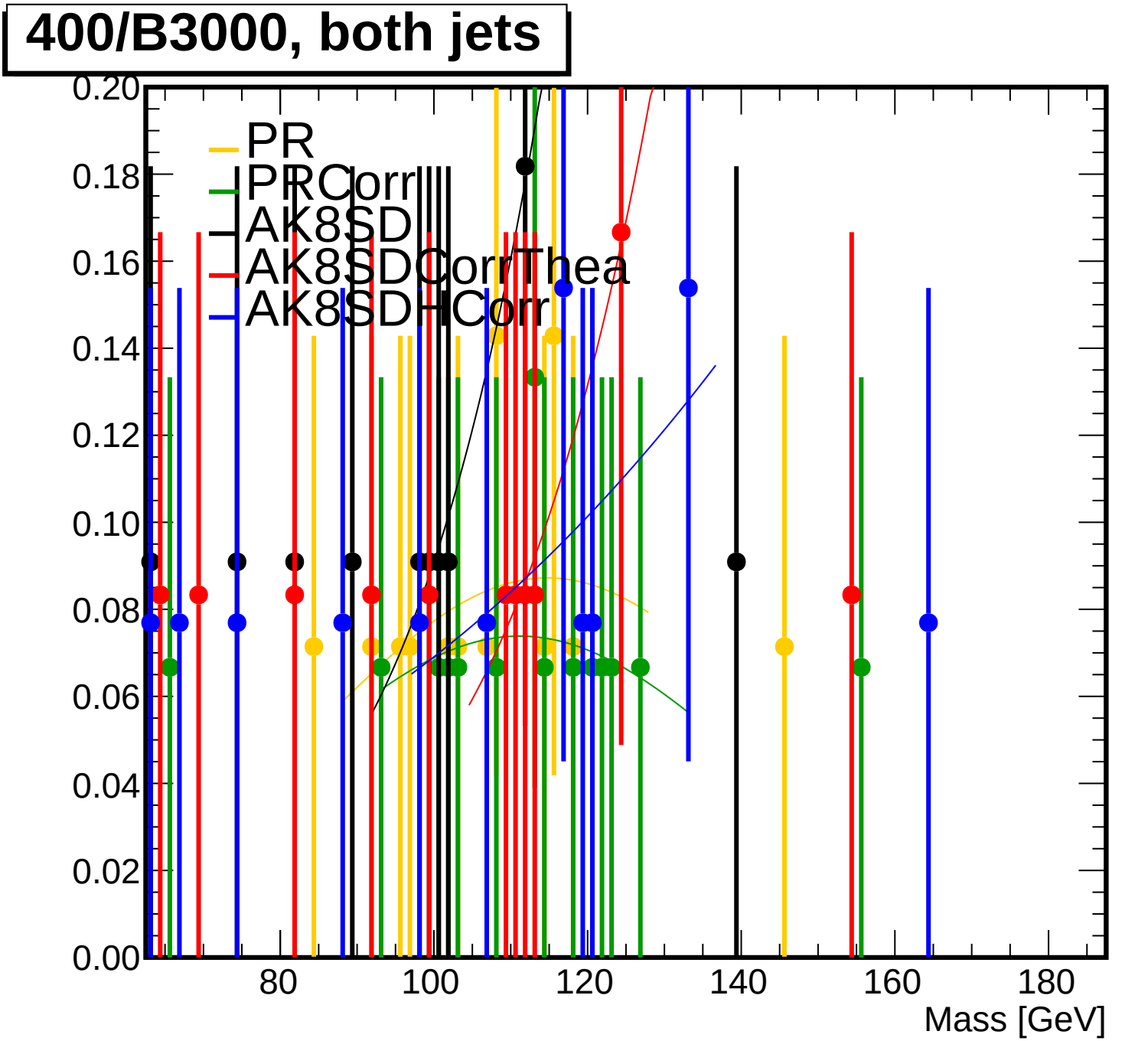
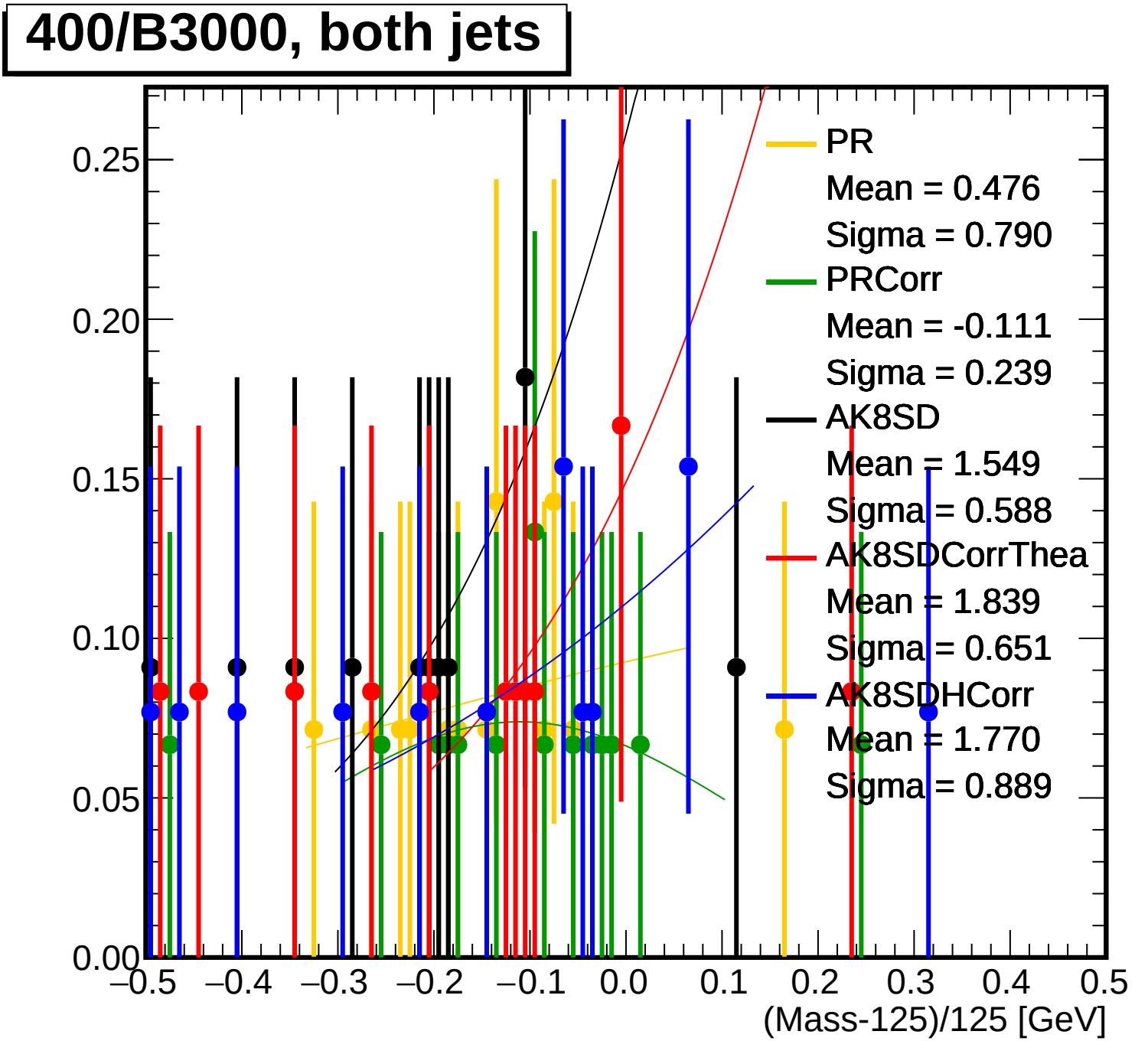

400/B3000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]

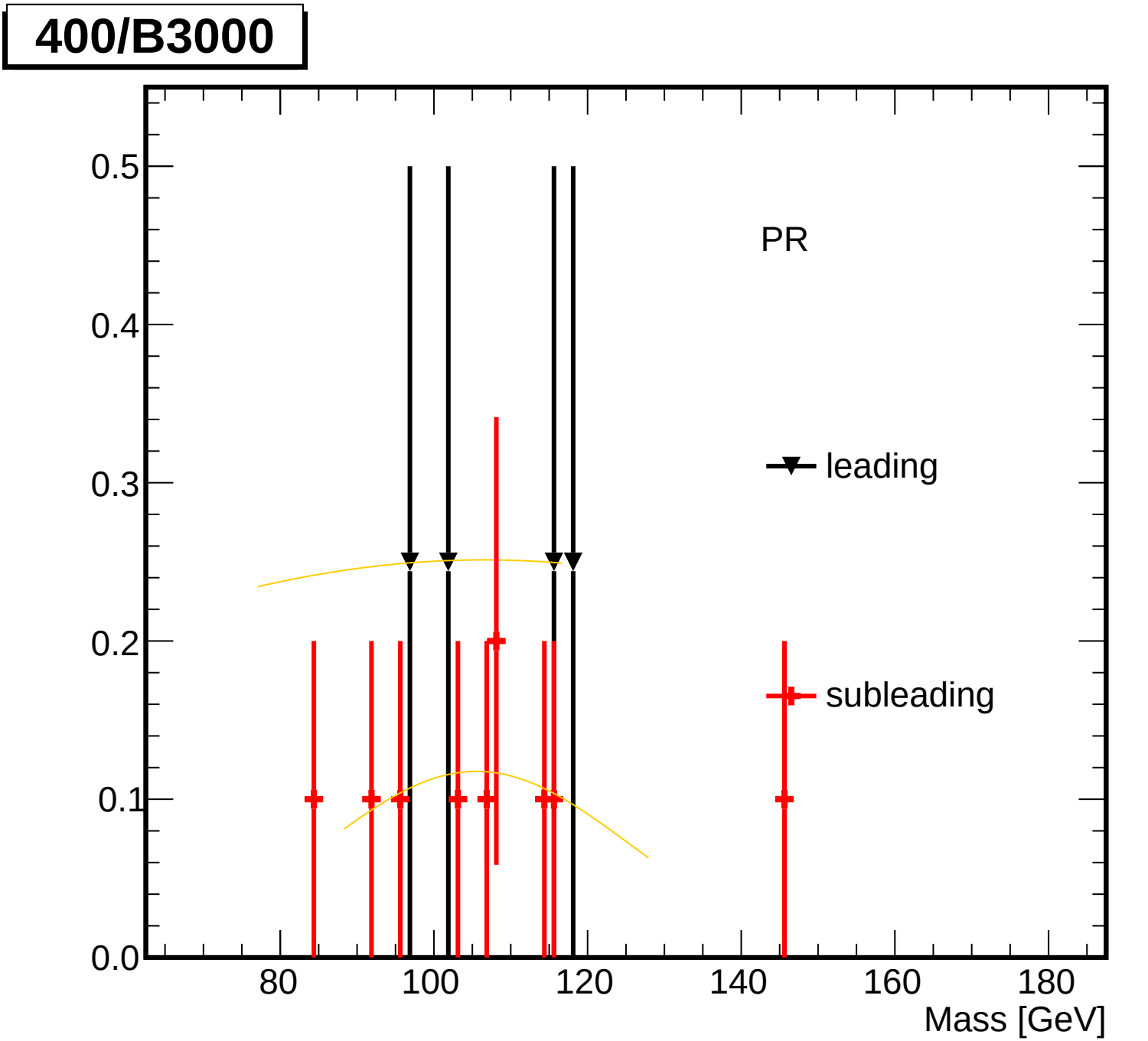

400/B3000, leading jet
PR
Mean = -0.132
Sigma = 0.713
PRCorr
Mean = -0.080
Sigma = 0.776
AK8SD
Mean = -0.150
Sigma = 0.050
AK8SDCorrThea
Mean = -0.055
Sigma = 0.056
AK8SDHCorr
Mean = 0.015
Sigma = 0.056
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

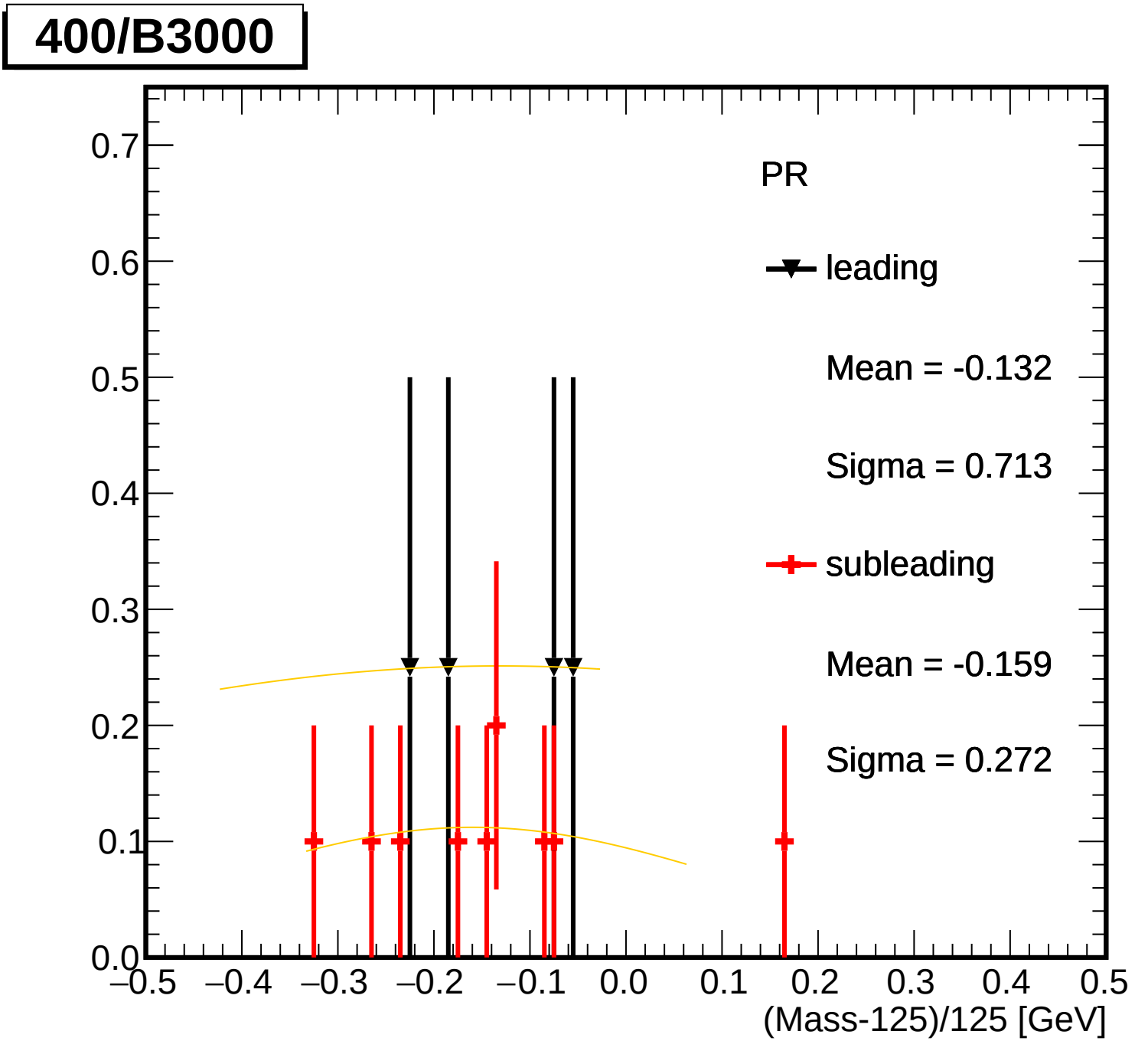

400/B3000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

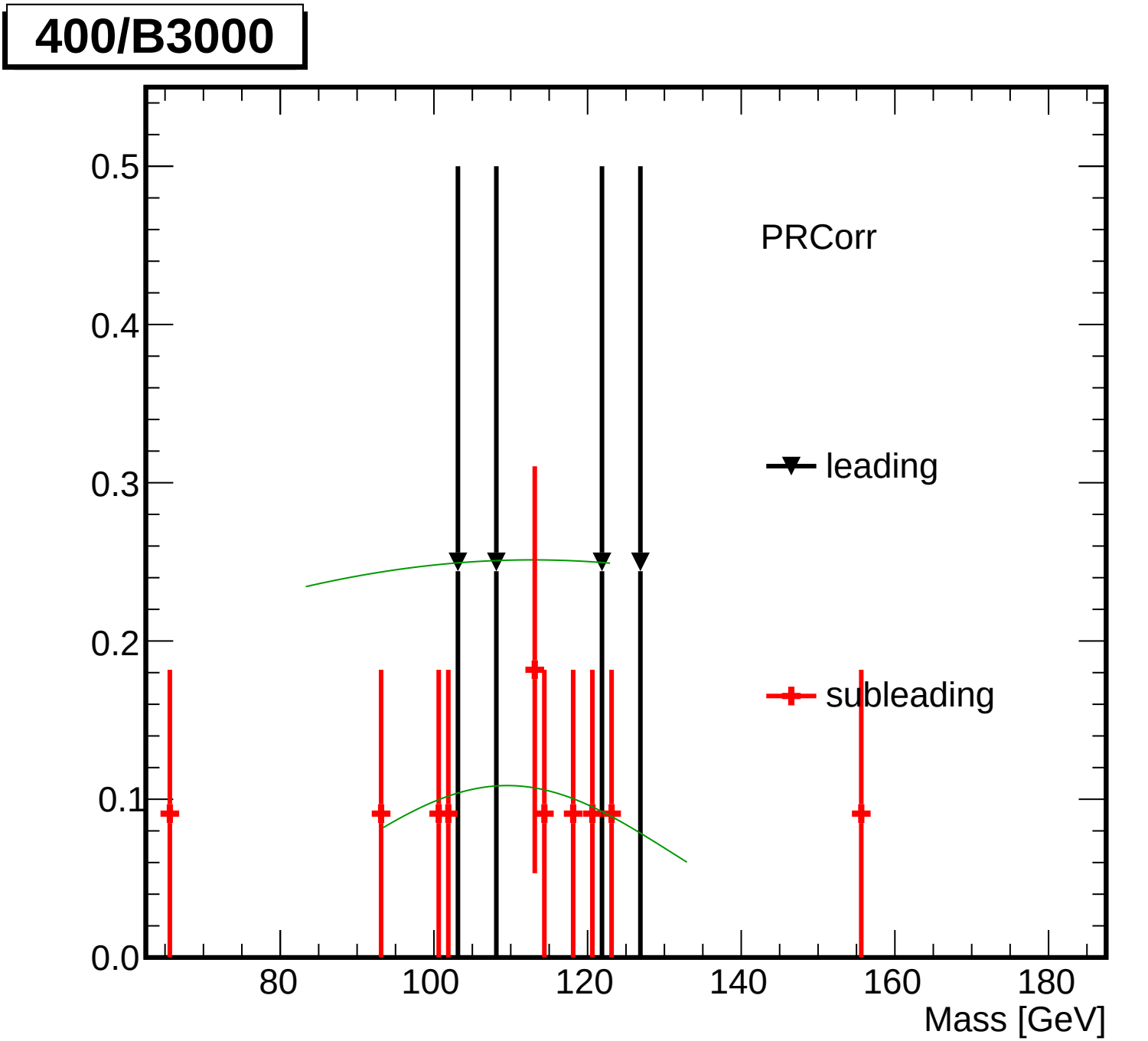

400/B3000, subleading jet
PR
Mean = -0.159
Sigma = 0.272
PRCorr
Mean = -0.124
Sigma = 0.172
AK8SD
Mean = -0.422
Sigma = 0.616
AK8SDCorrThea
Mean = -0.411
Sigma = 0.589
AK8SDHCorr
Mean = -0.067
Sigma = 0.190
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

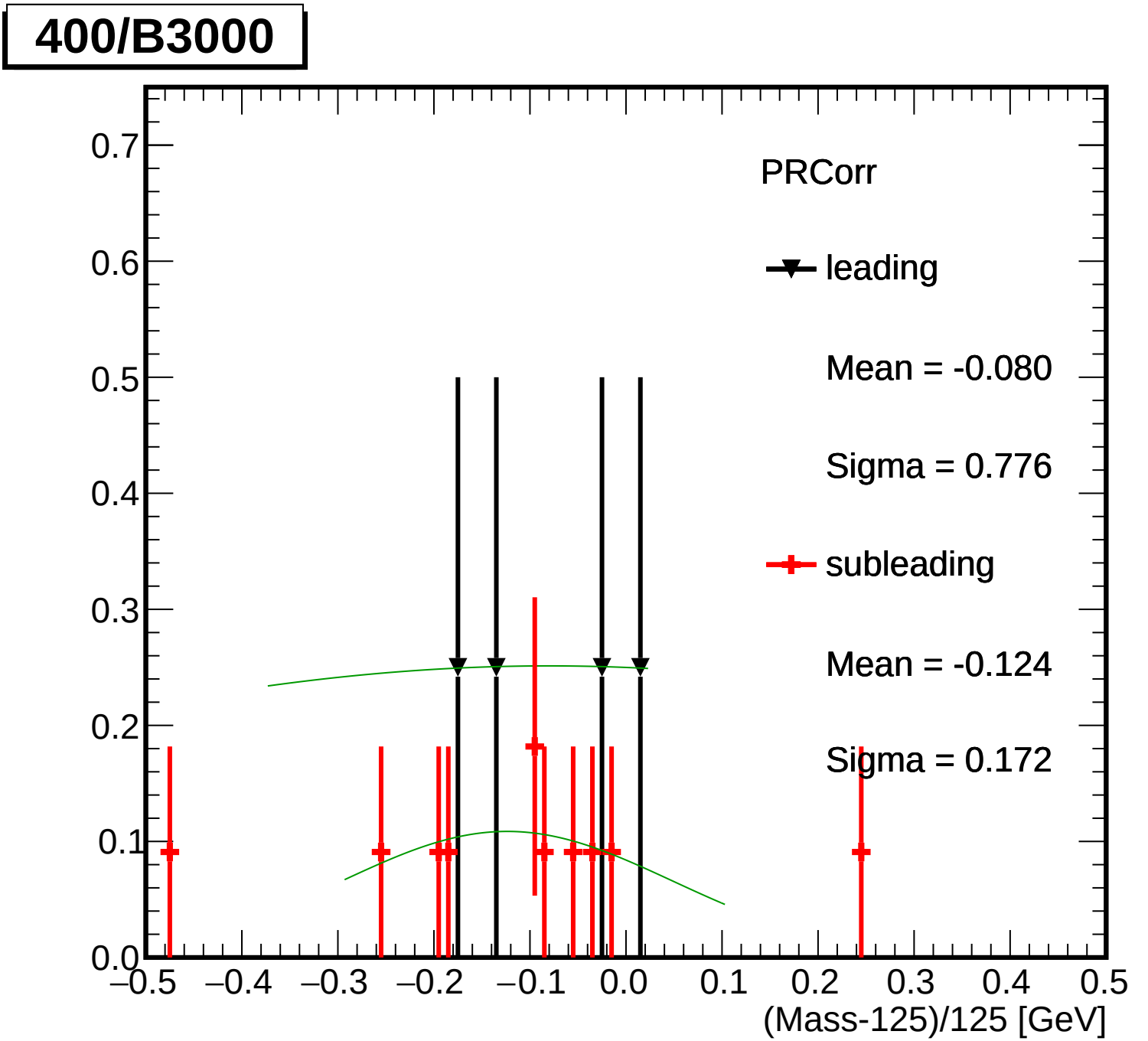

400/B3000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

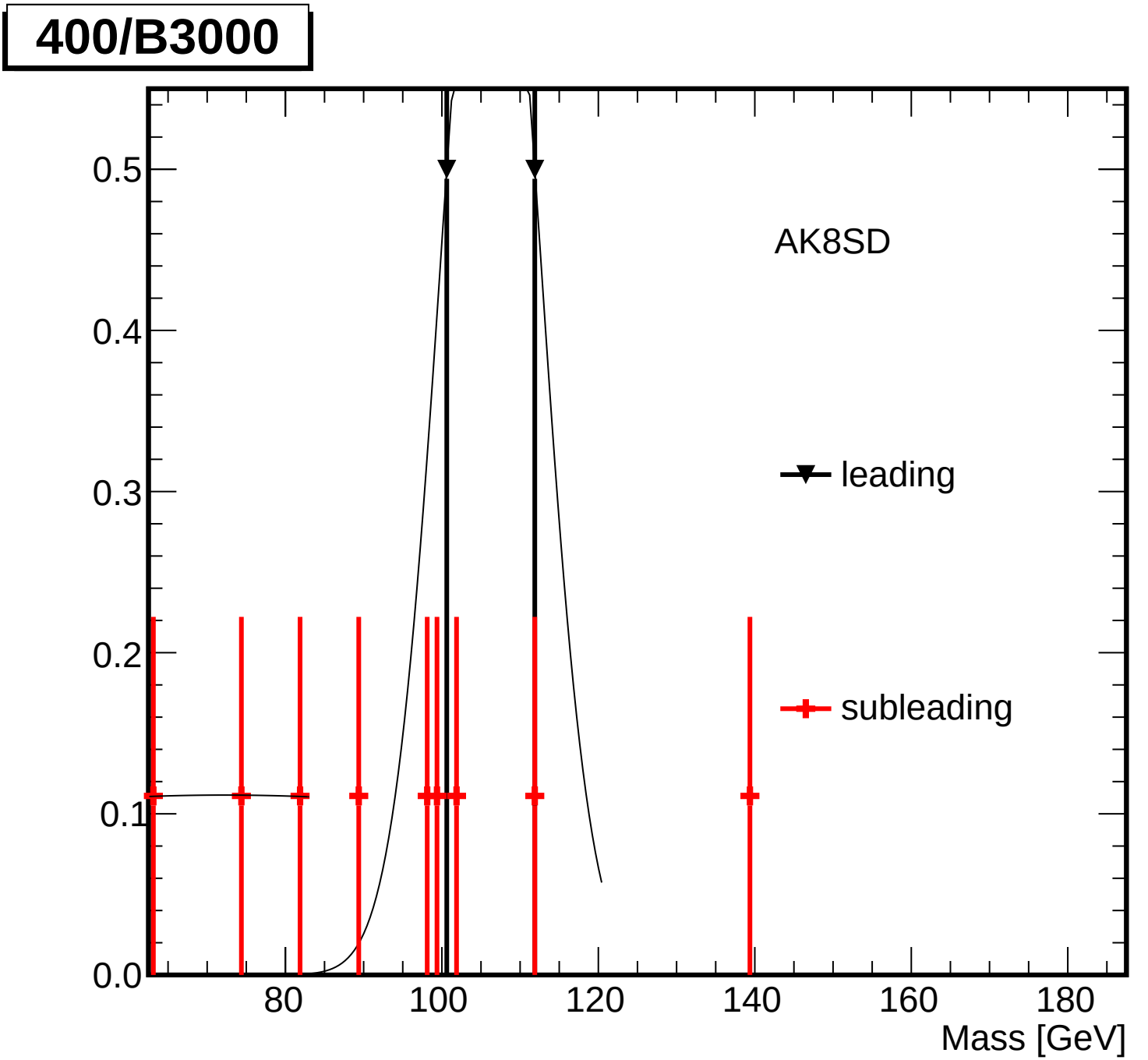

400/B3000, both jets
PR
Mean = 0.476
Sigma = 0.790
PRCorr
Mean = -0.111
Sigma = 0.239
AK8SD
Mean = 1.549
Sigma = 0.588
AK8SDCorrThea
Mean = 1.839
Sigma = 0.651
AK8SDHCorr
Mean = 1.770
Sigma = 0.889
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

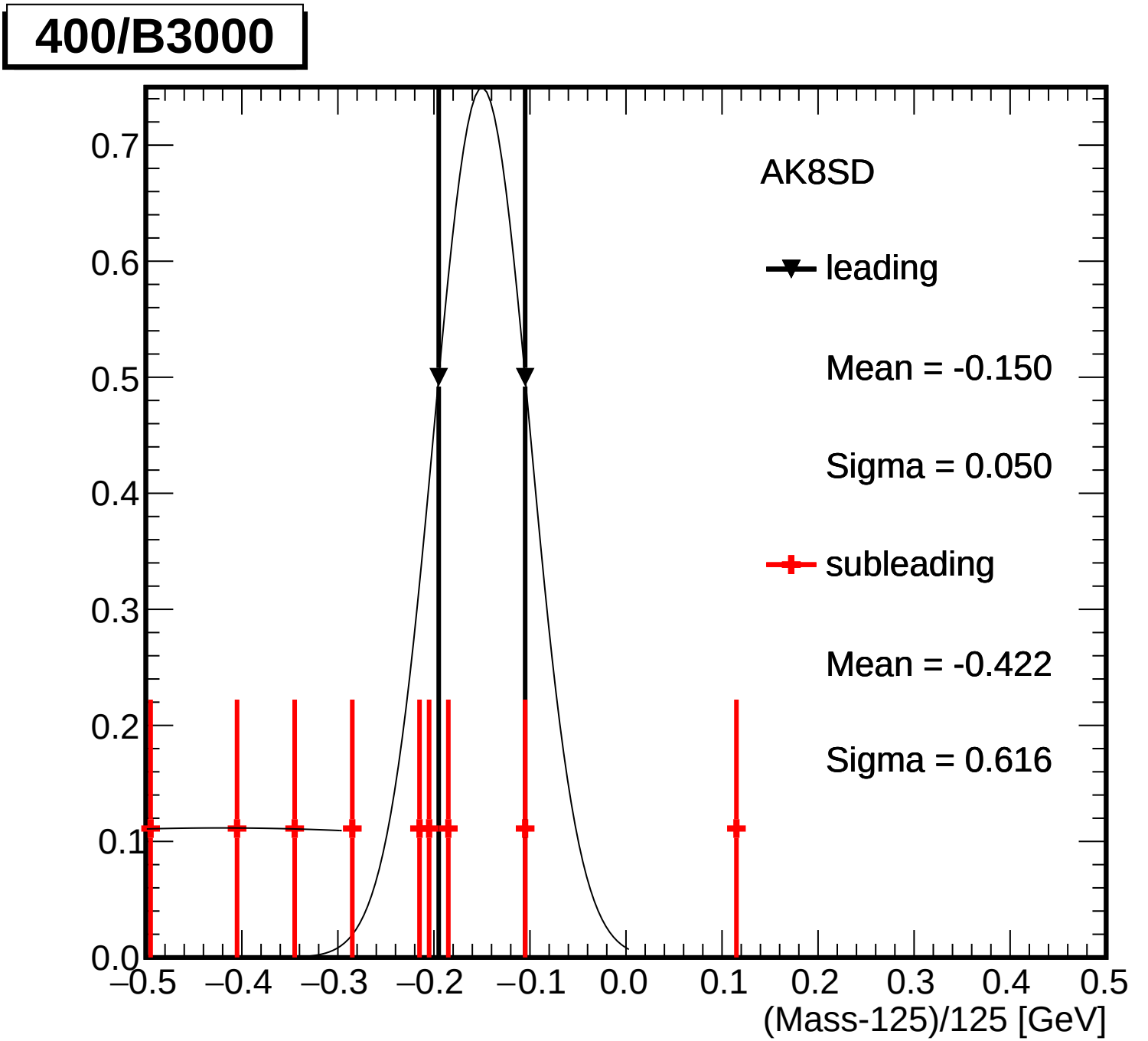

400/B3000
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

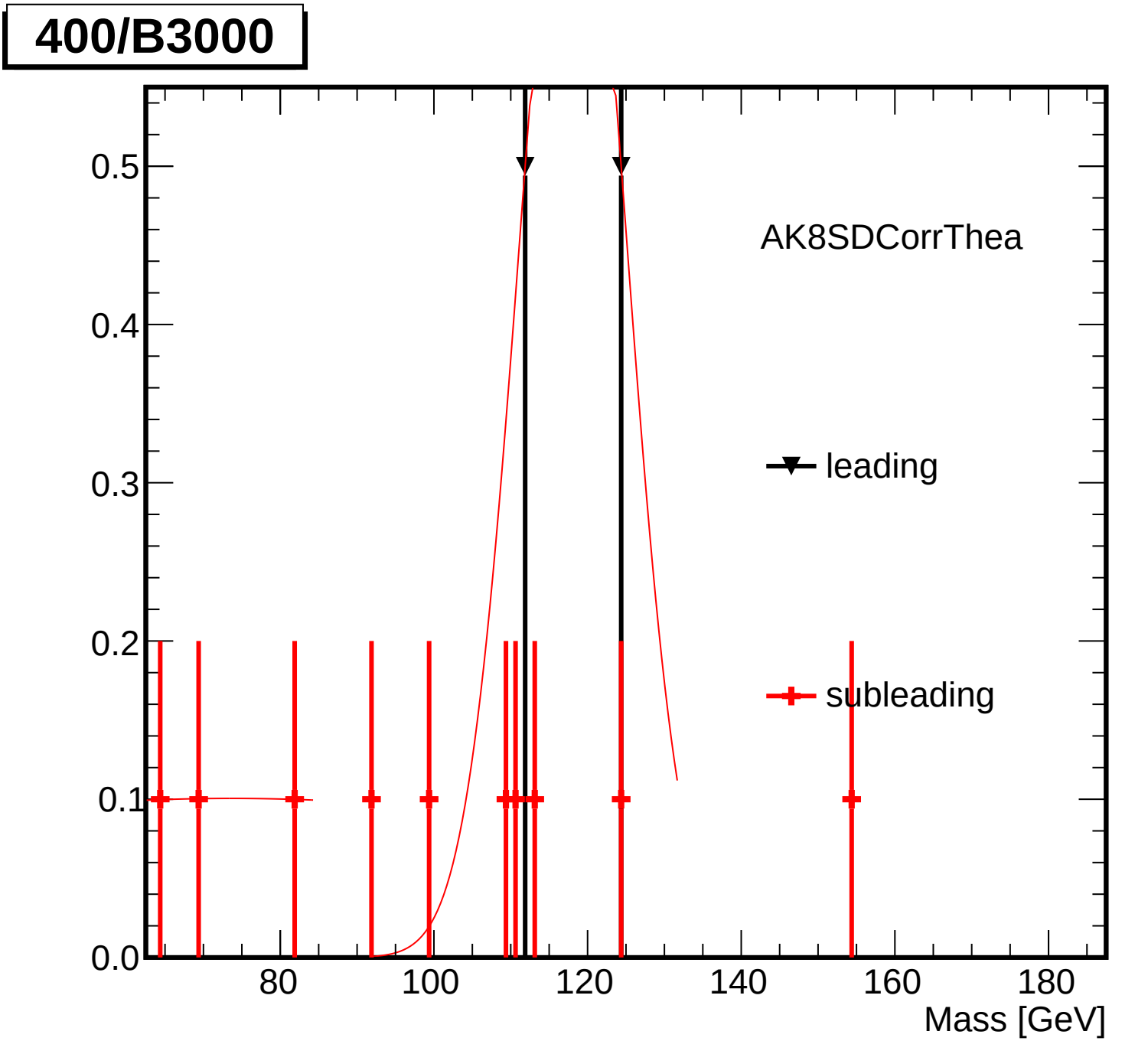

400/B3000
PR
leading
Mean = -0.132
Sigma = 0.713
subleading
Mean = -0.159
Sigma = 0.272
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

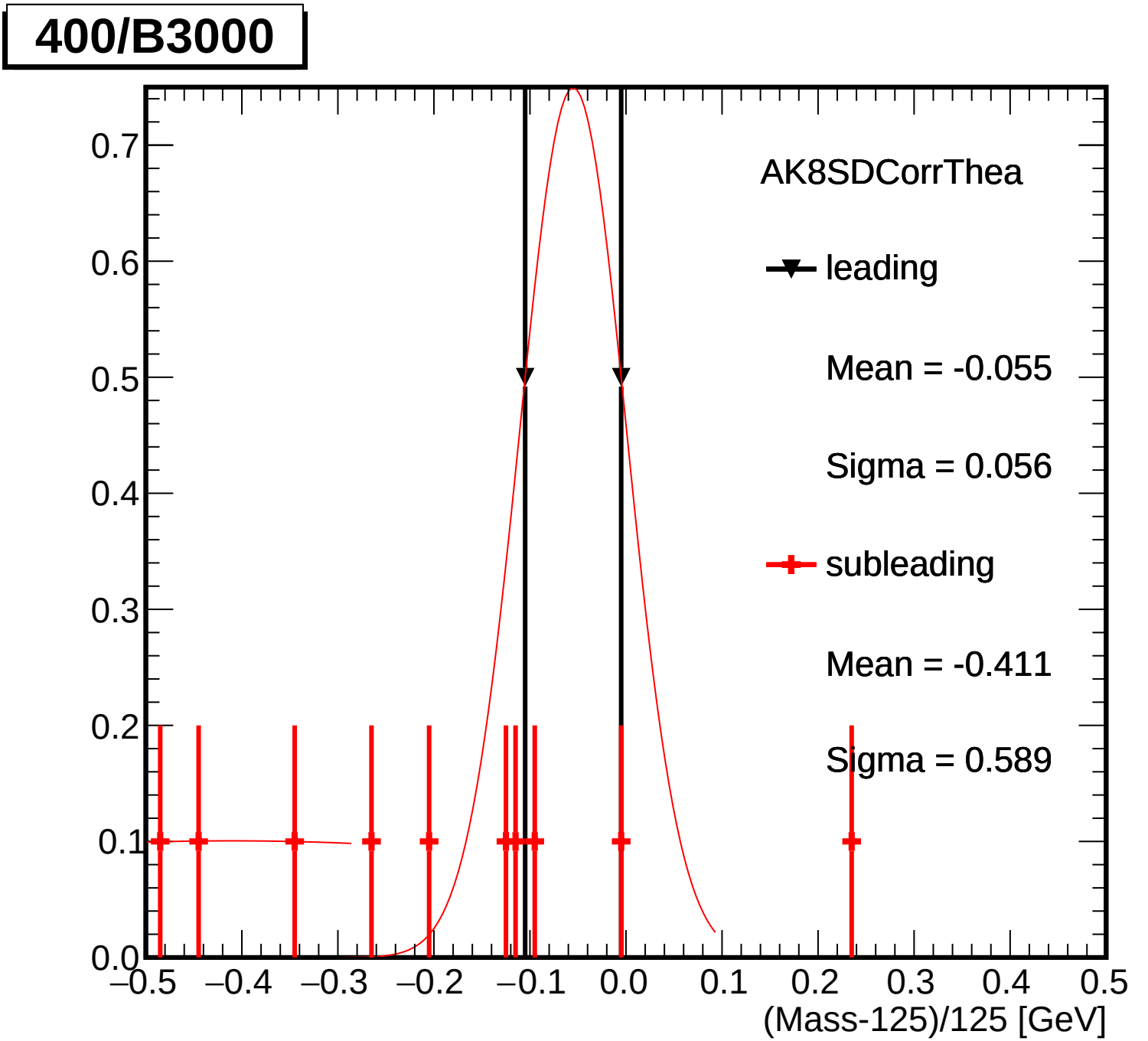

400/B3000
PRCorr
leading
subleading
0.5
0.4
0.3
0.2
0.1
0.0
80
100
120
140
160
180
Mass [GeV]

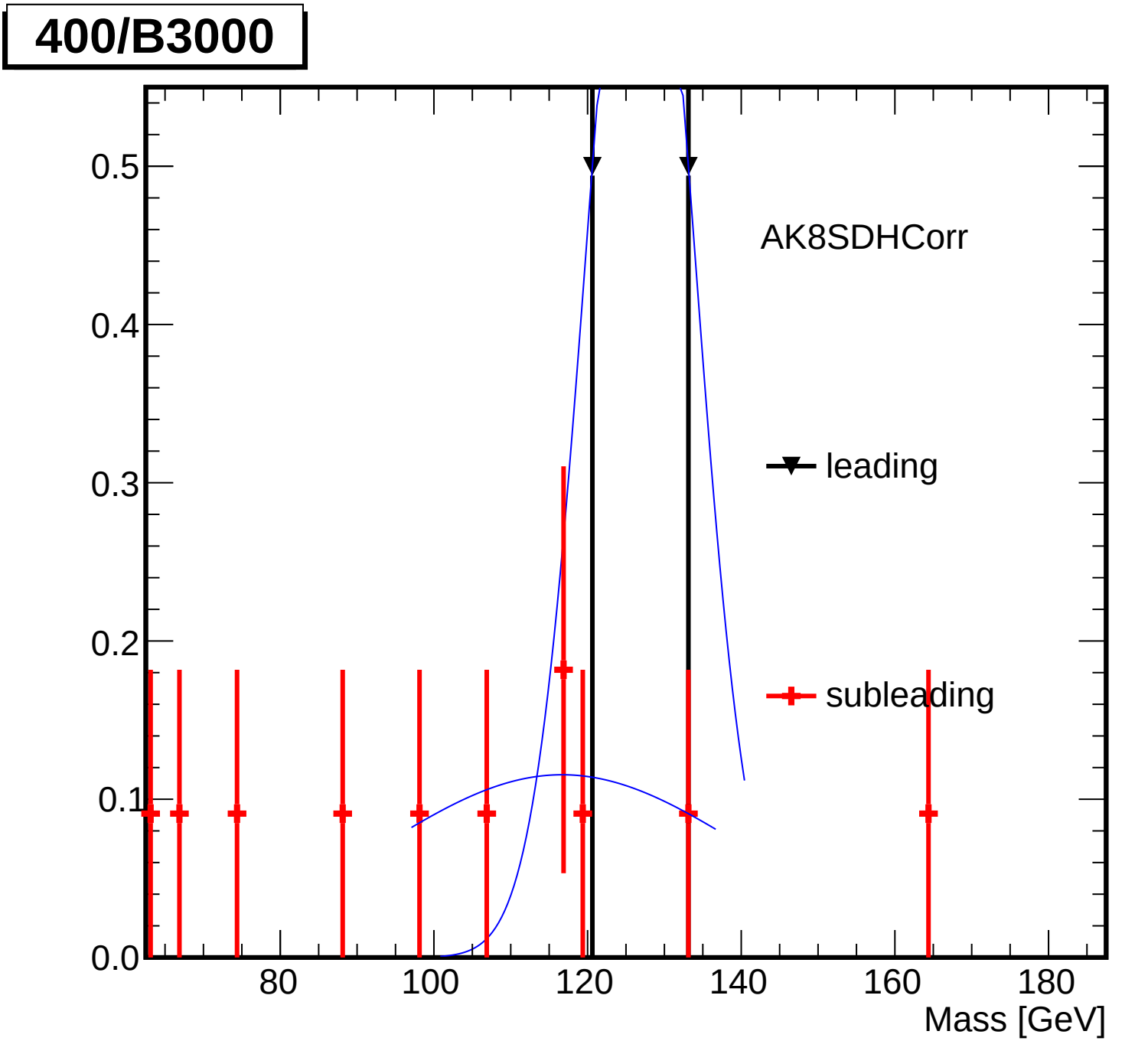

400/B3000
PRCorr
leading
Mean = -0.080
Sigma = 0.776
subleading
Mean = -0.124
Sigma = 0.172
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

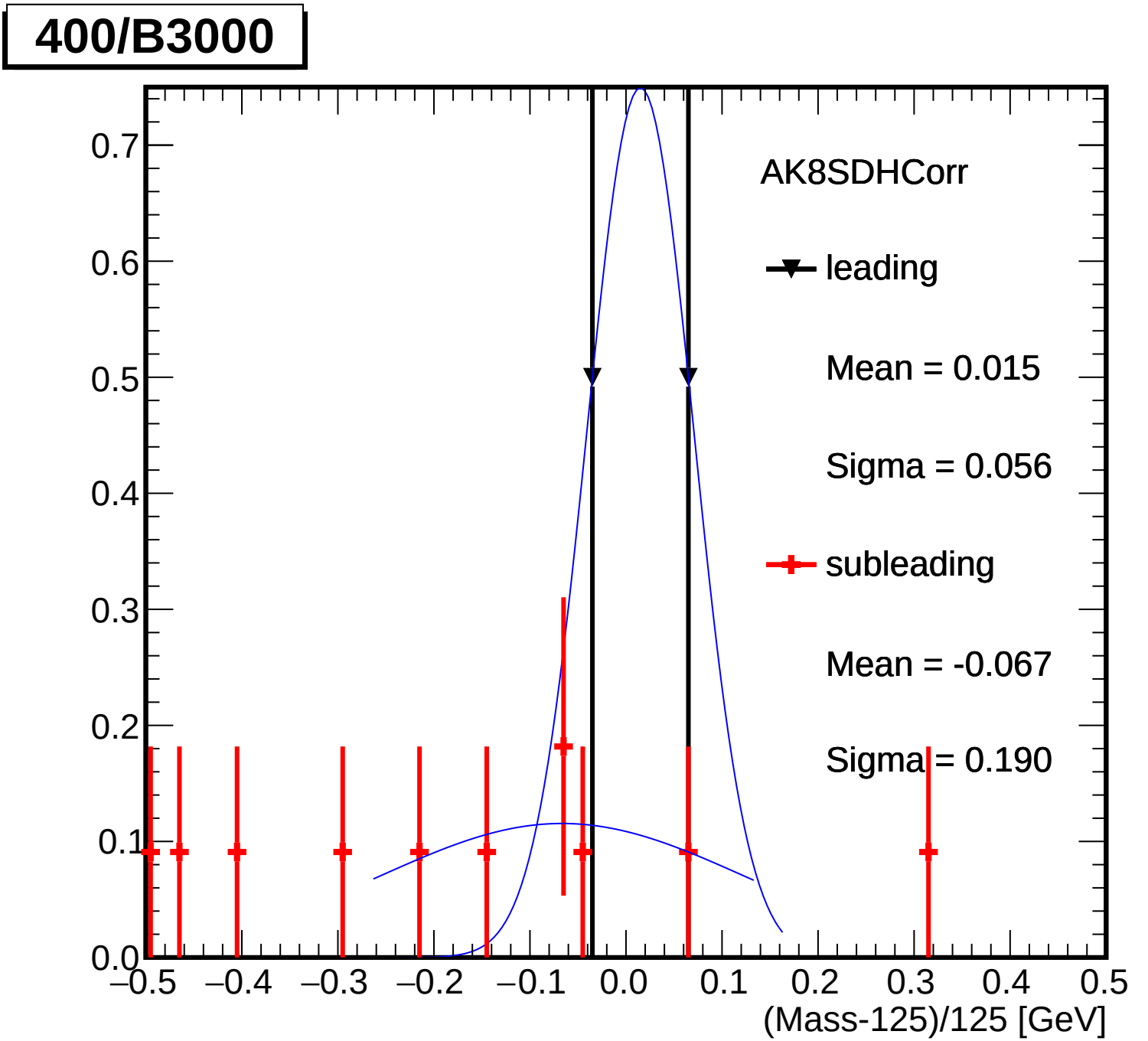

400/B3000
AK8SD
leading
subleading
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]


400/B3000
AK8SD
leading
Mean = -0.150
Sigma = 0.050
subleading
Mean = -0.422
Sigma = 0.616
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]


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


400/B3000
AK8SDCorrThea
leading
Mean = -0.055
Sigma = 0.056
subleading
Mean = -0.411
Sigma = 0.589
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]


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


400/B3000
AK8SDHCorr
leading
Mean = 0.015
Sigma = 0.056
subleading
Mean = -0.067
Sigma = 0.190
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]