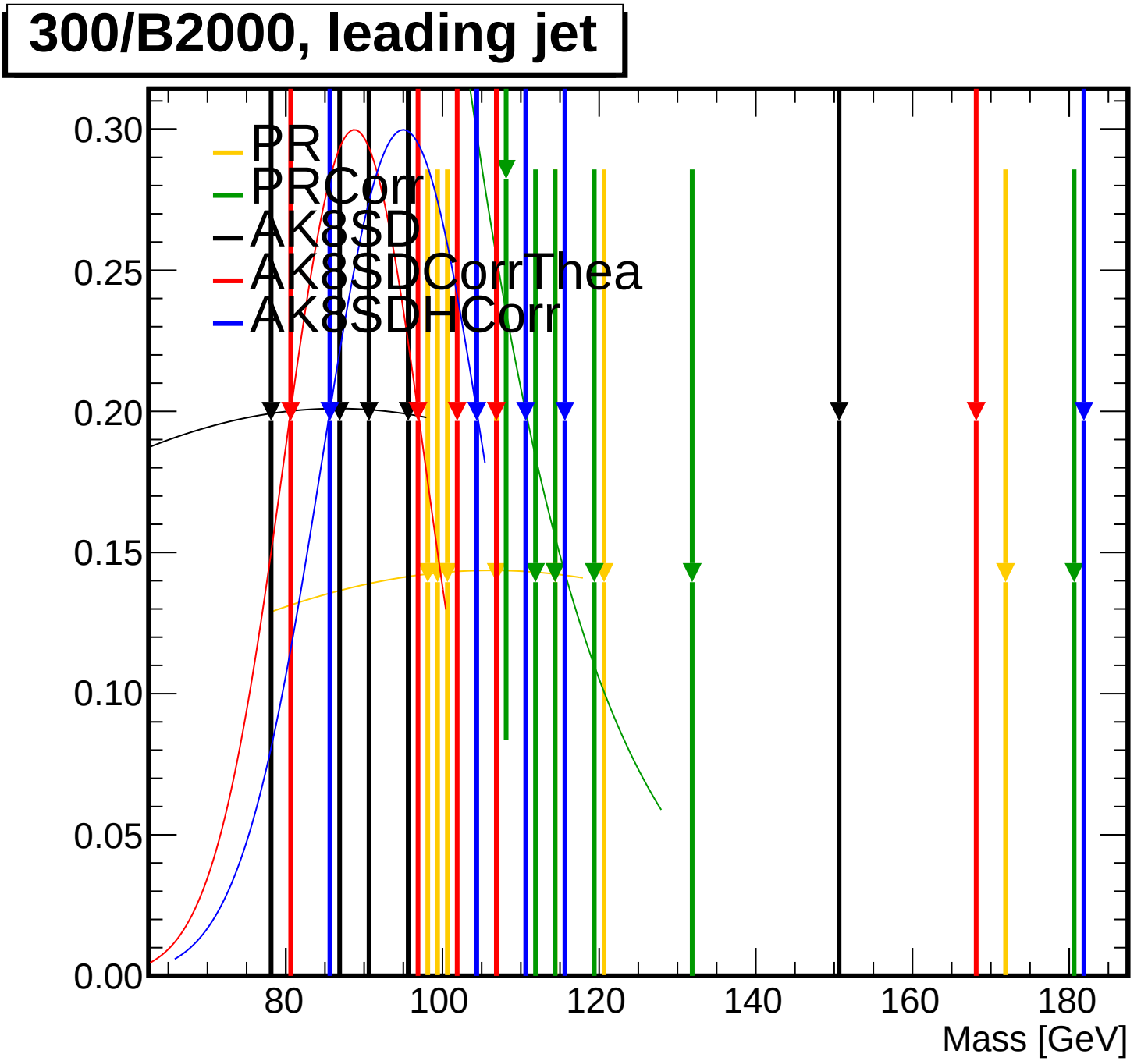
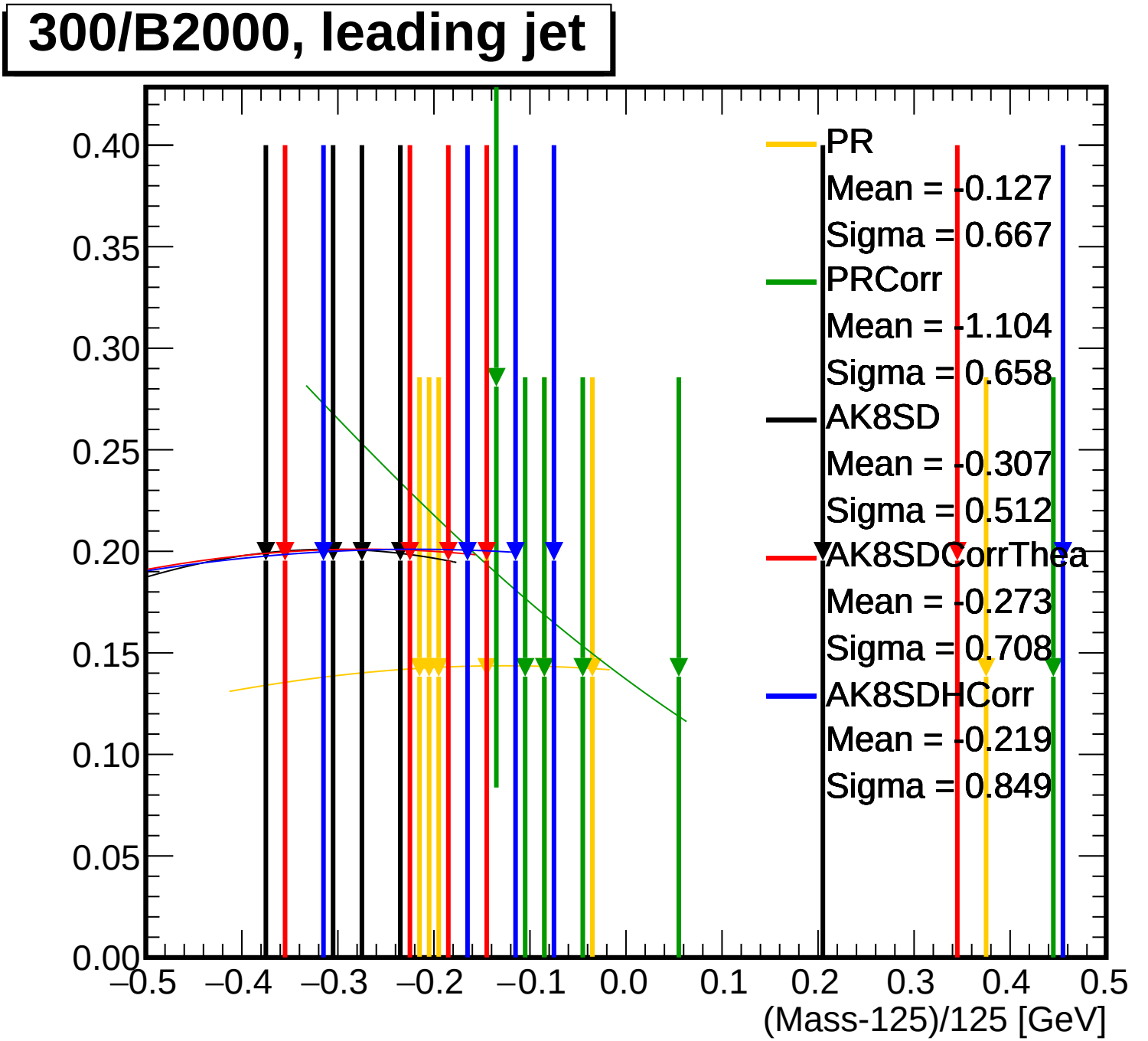
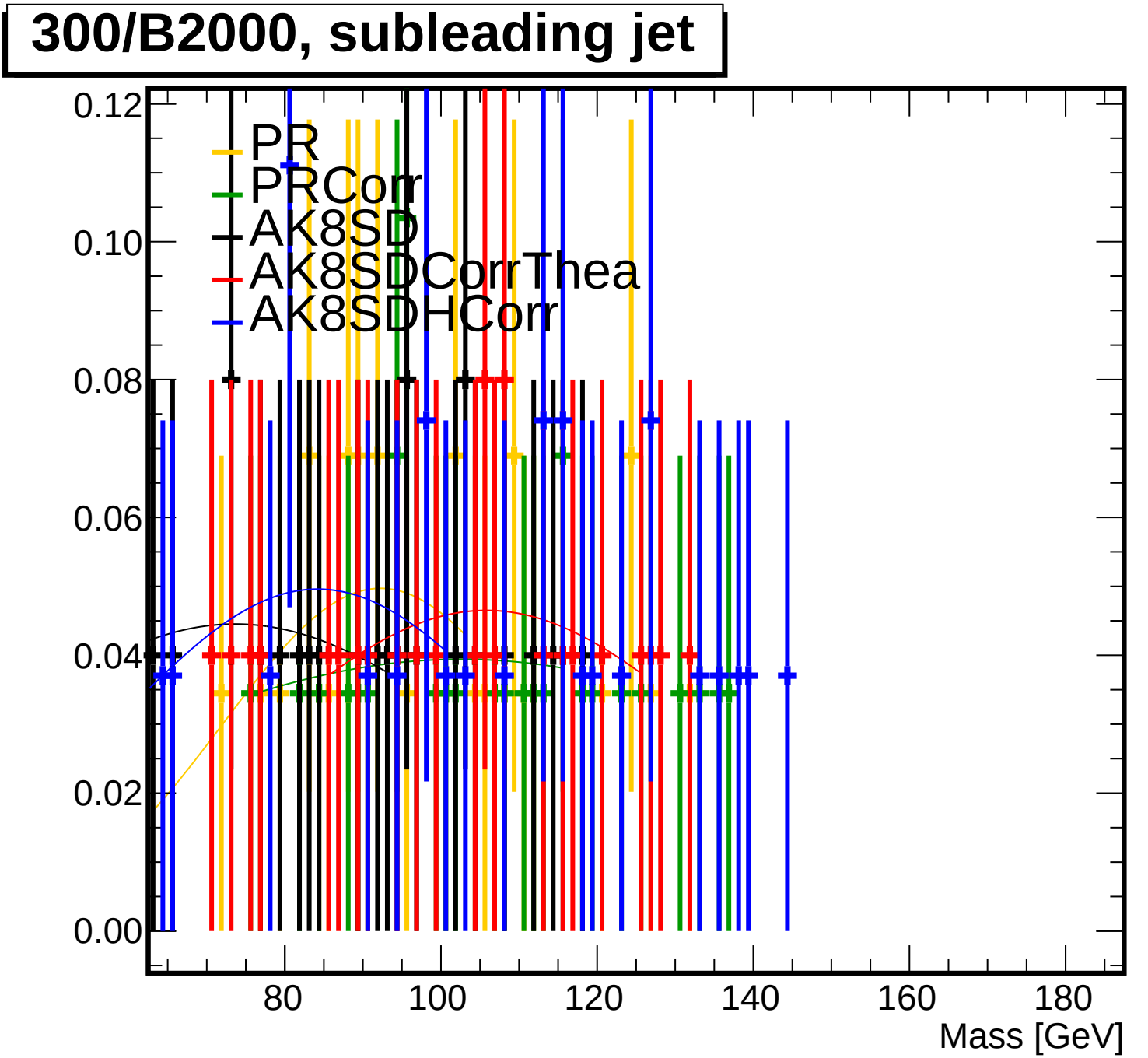
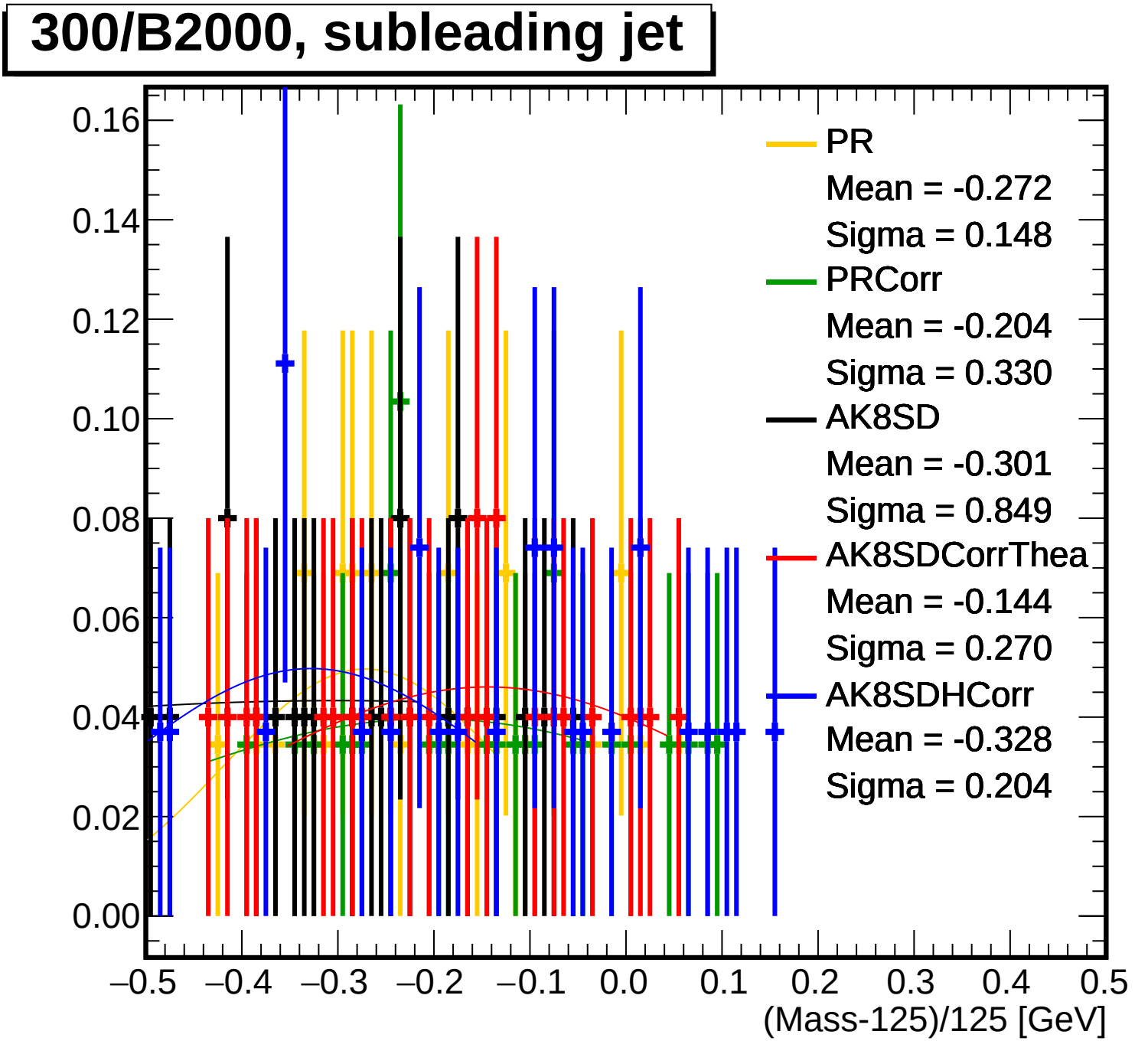
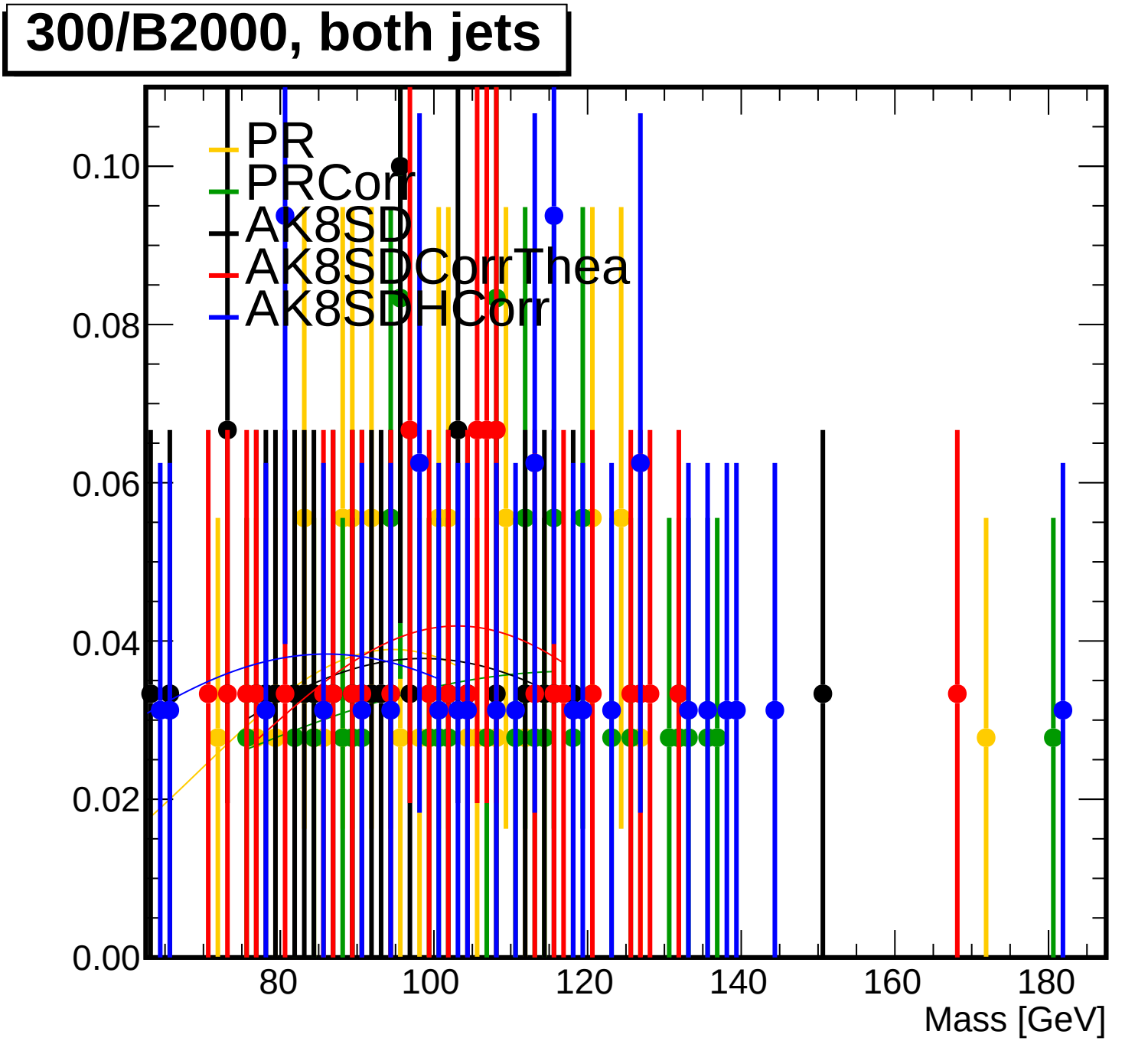
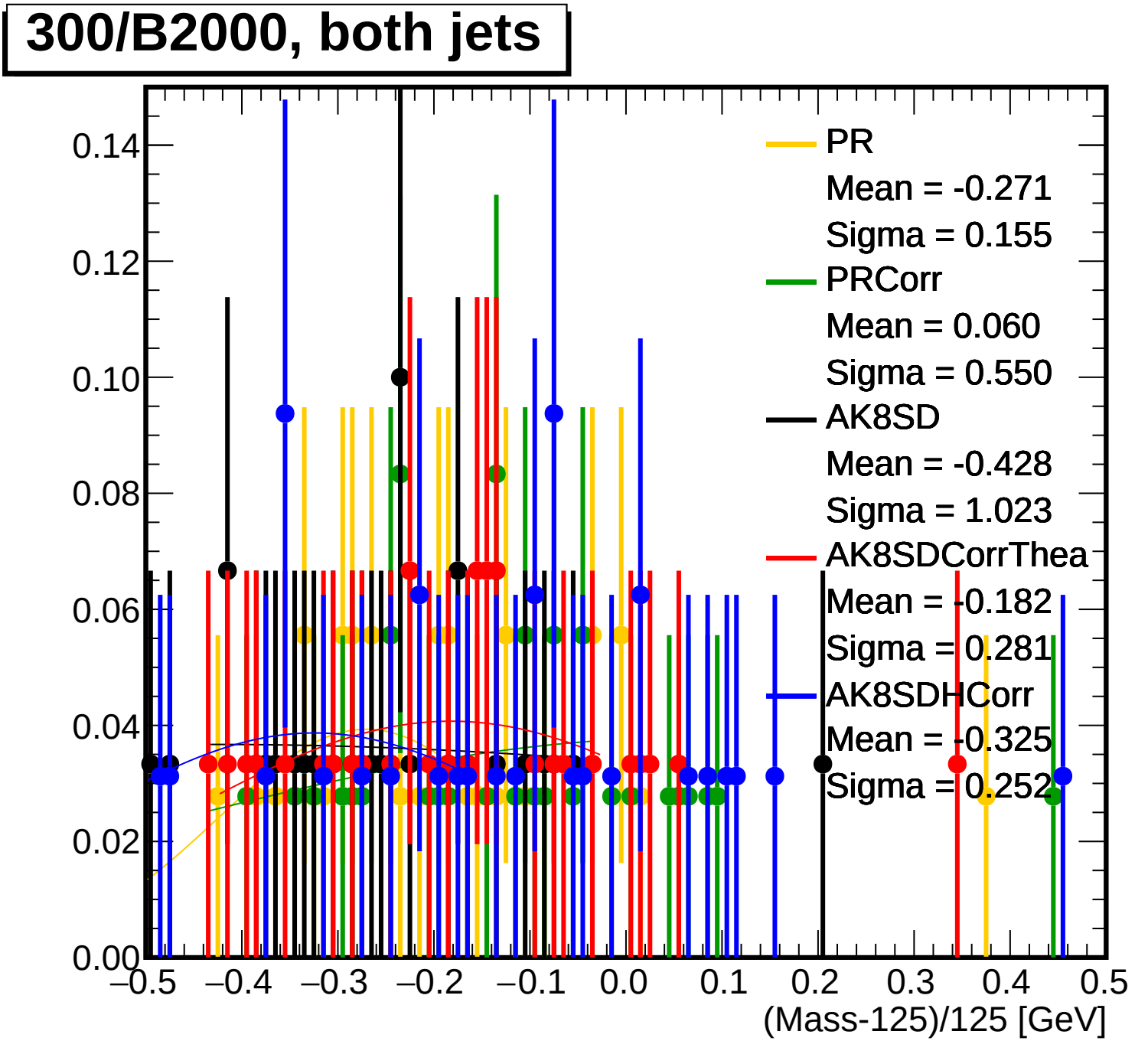

300/B2000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

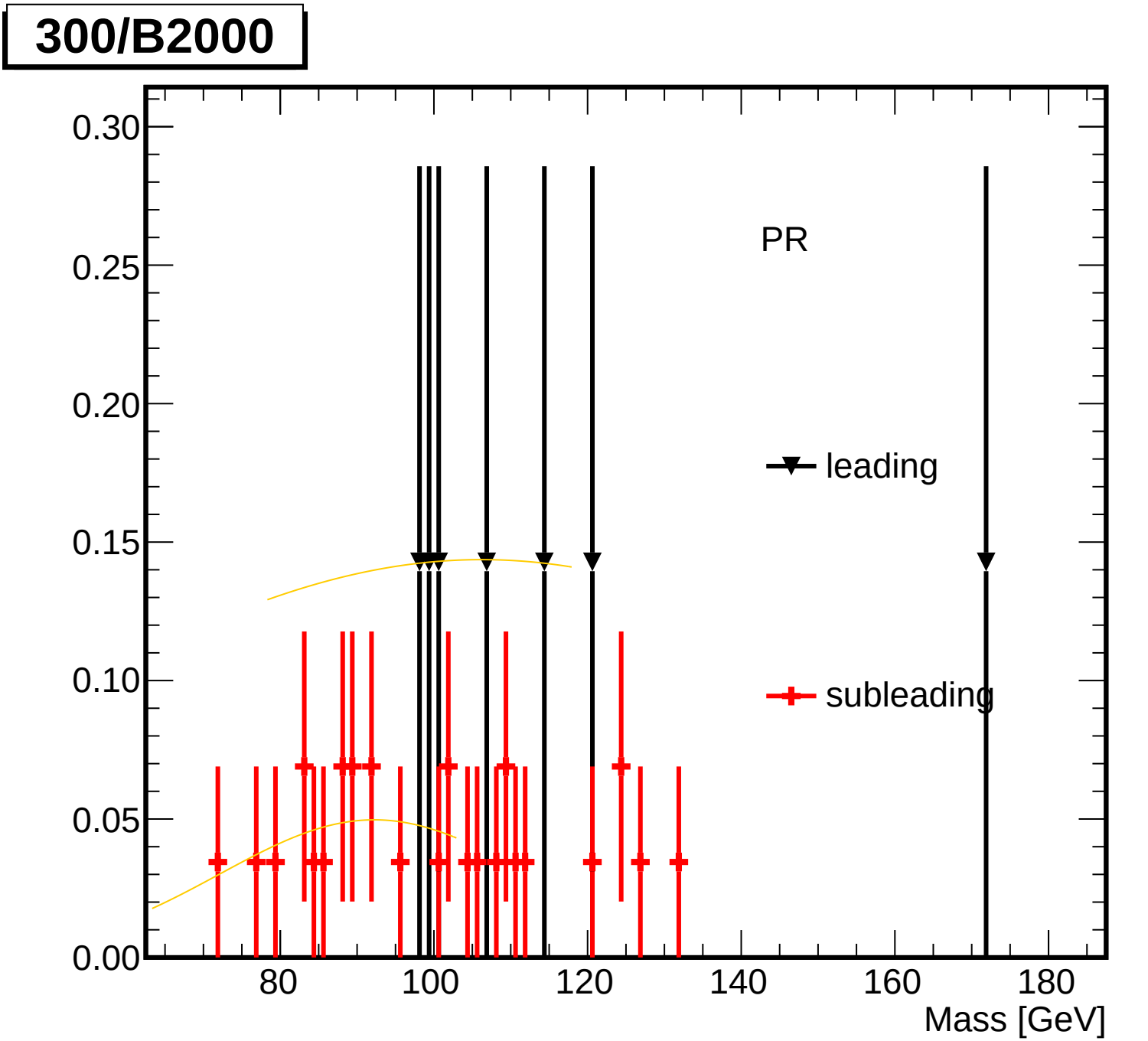

300/B2000, leading jet
PR
Mean = -0.127
Sigma = 0.667
PRCorr
Mean = -1.104
Sigma = 0.658
AK8SD
Mean = -0.307
Sigma = 0.512
AK8SDCorrThea
Mean = -0.273
Sigma = 0.708
AK8SDHCorr
Mean = -0.219
Sigma = 0.849
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

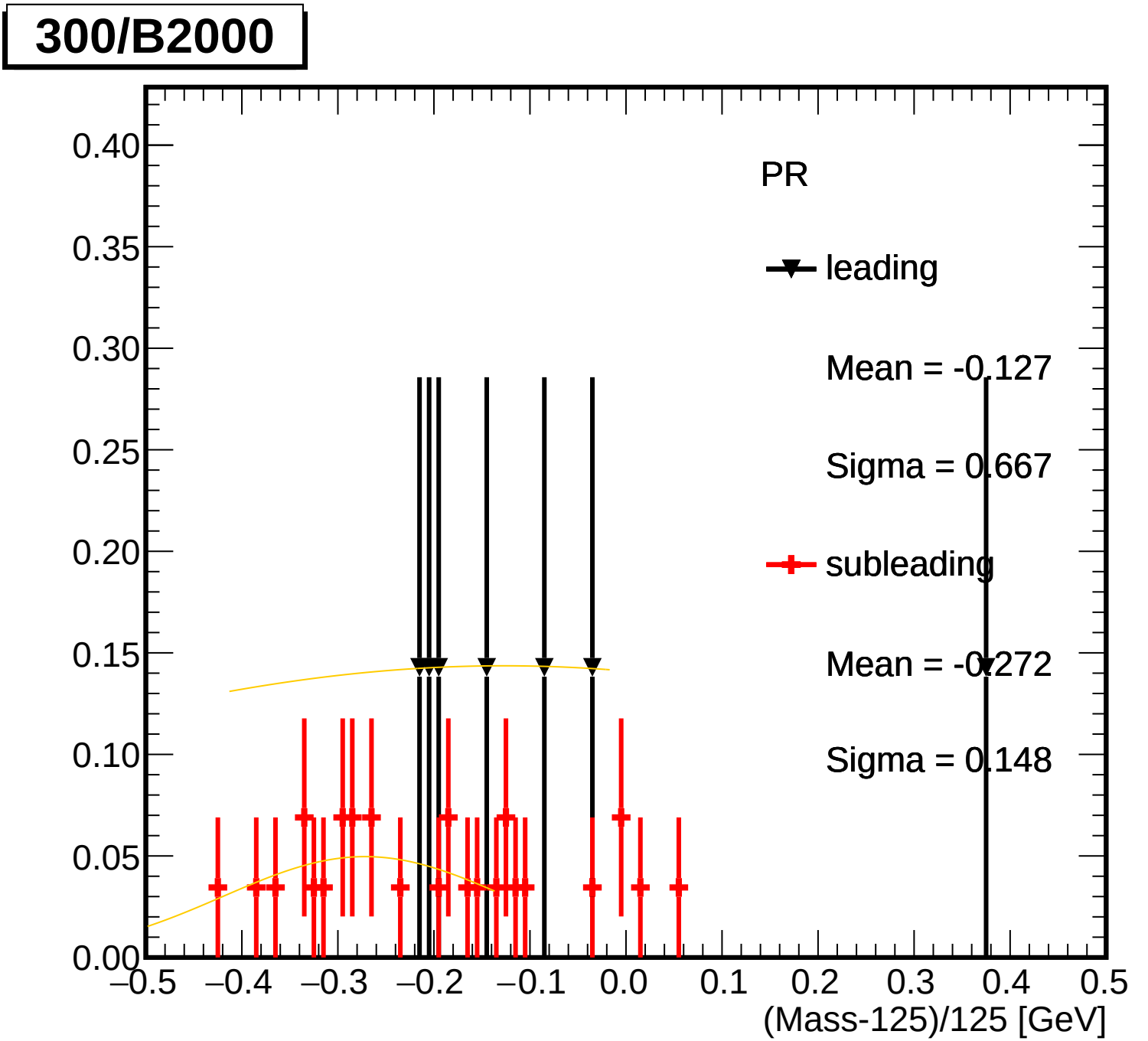

300/B2000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

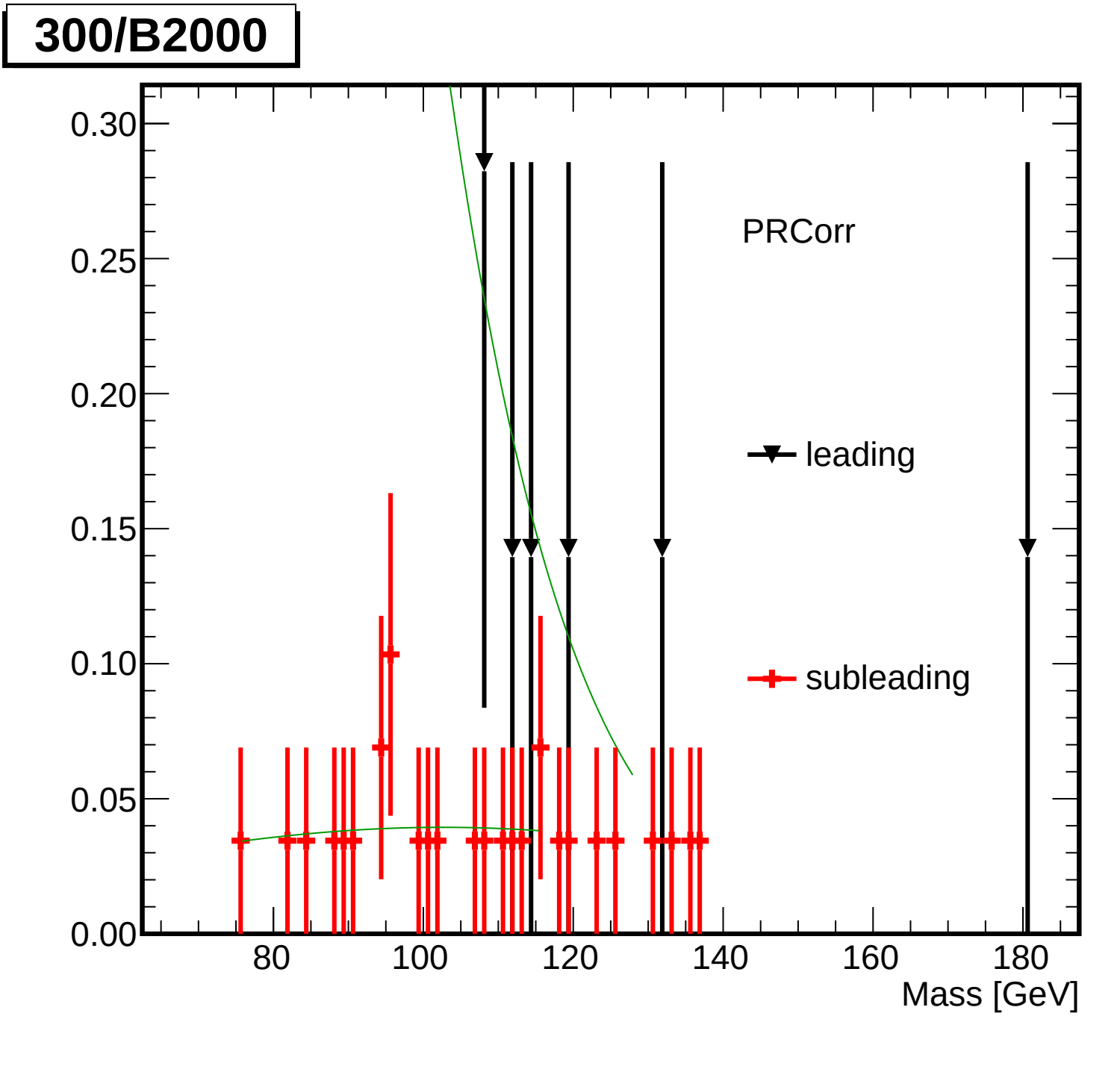

300/B2000, subleading jet
PR
Mean = -0.272
Sigma = 0.148
PRCorr
Mean = -0.204
Sigma = 0.330
AK8SD
Mean = -0.301
Sigma = 0.849
AK8SDCorrThea
Mean = -0.144
Sigma = 0.270
AK8SDHCorr
Mean = -0.328
Sigma = 0.204
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

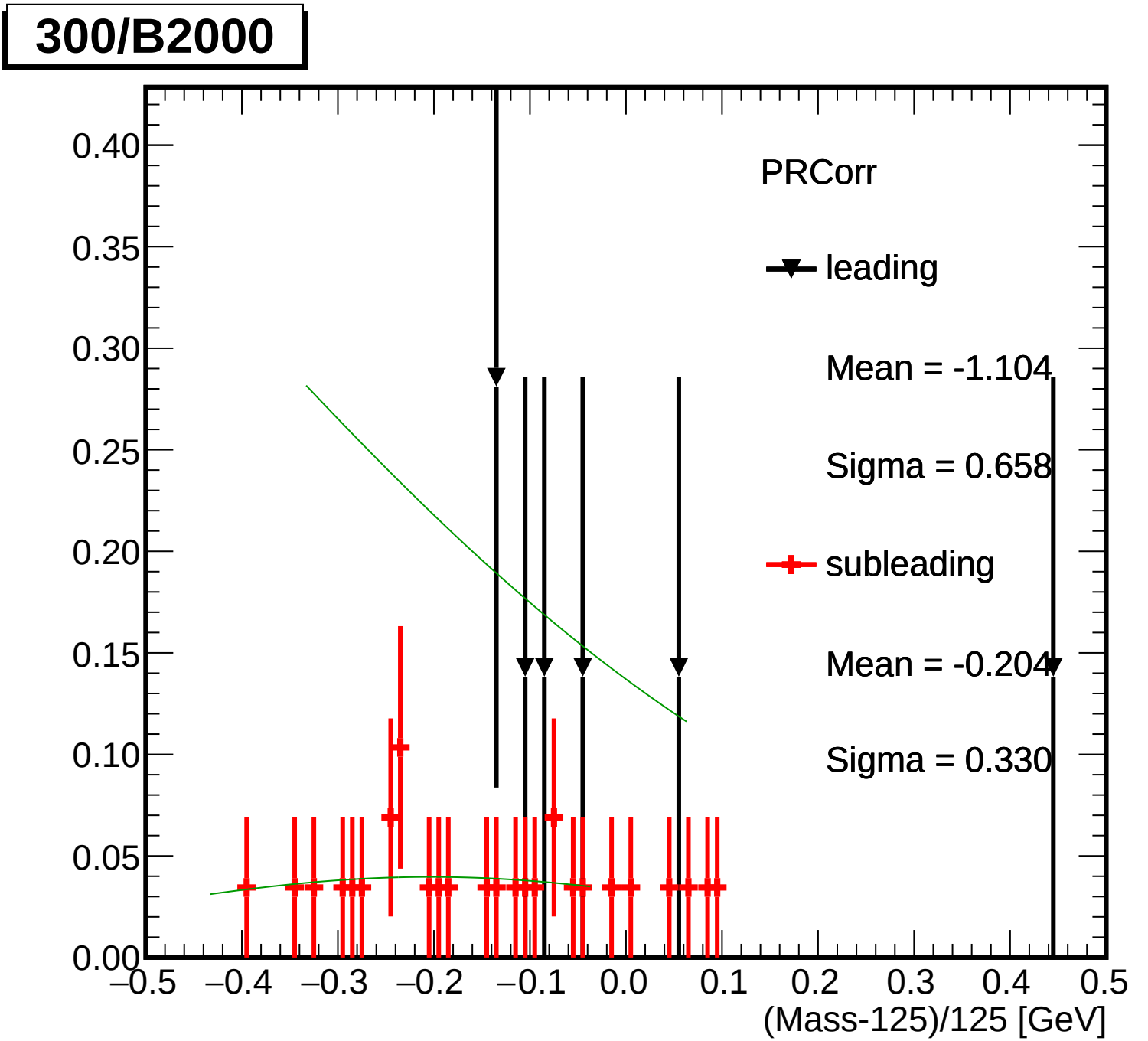

300/B2000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

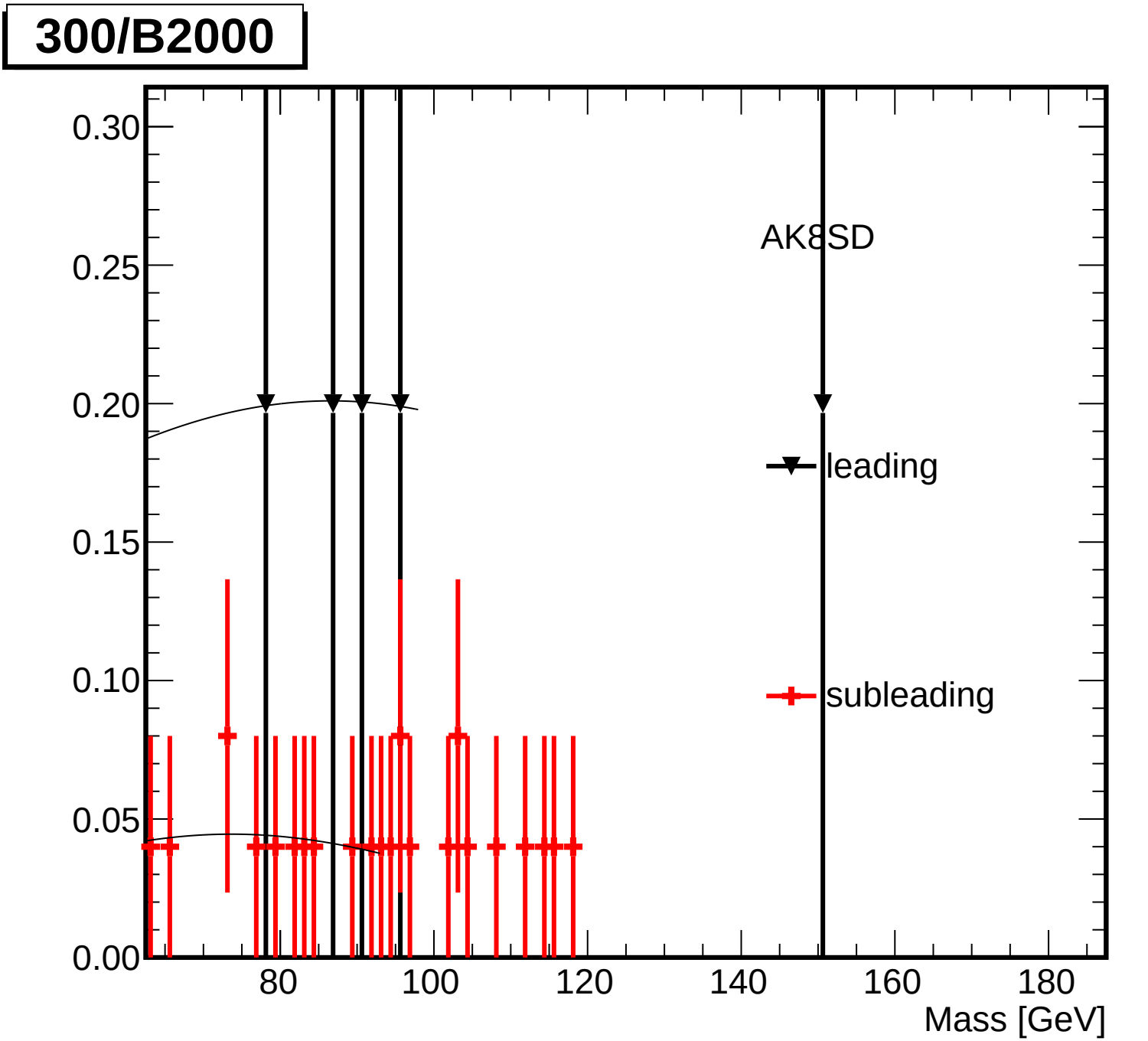

300/B2000, both jets
PR
Mean = -0.271
Sigma = 0.155
PRCorr
Mean = 0.060
Sigma = 0.550
AK8SD
Mean = -0.428
Sigma = 1.023
AK8SDCorrThea
Mean = -0.182
Sigma = 0.281
AK8SDHCorr
Mean = -0.325
Sigma = 0.252
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

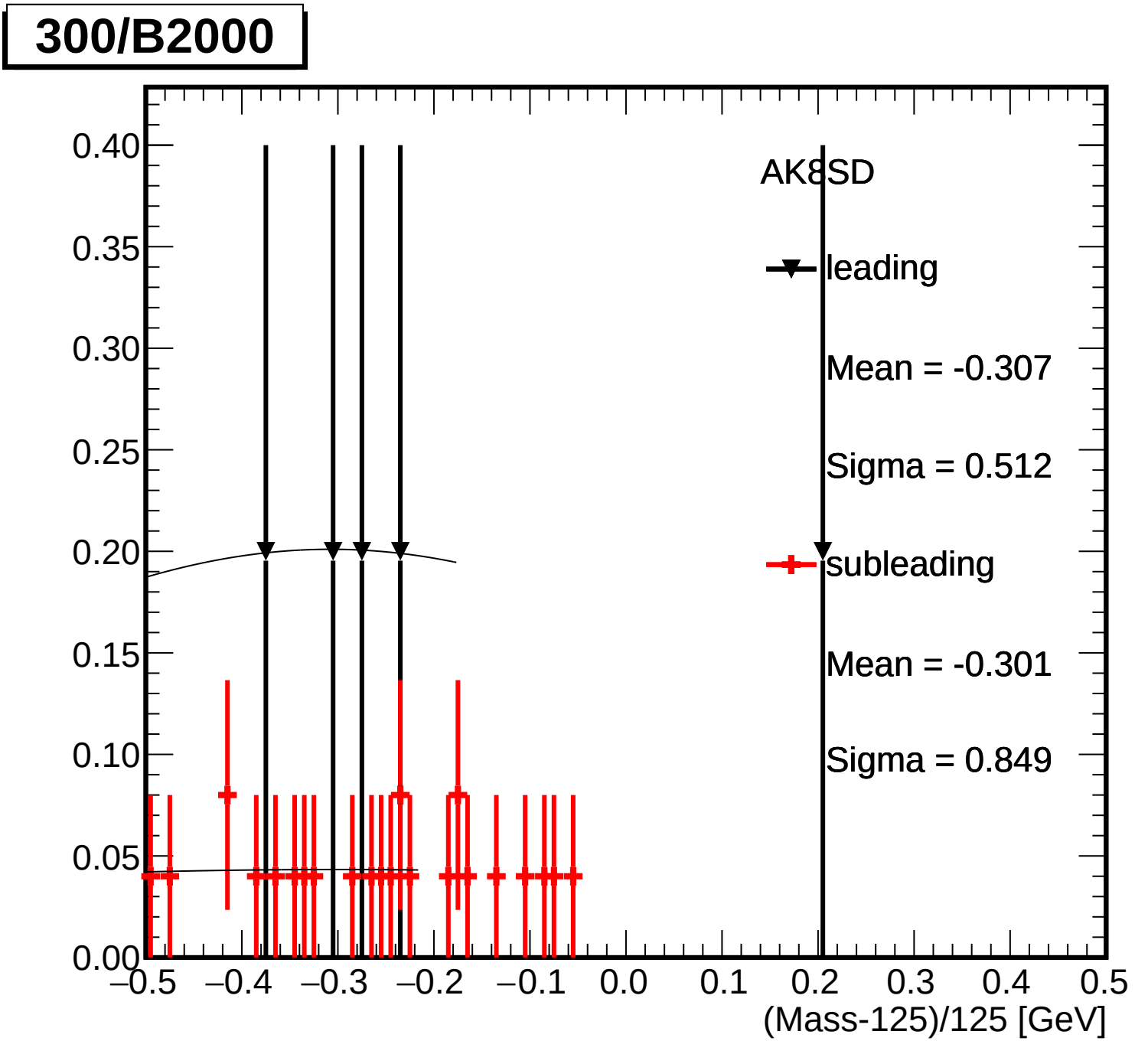

300/B2000
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

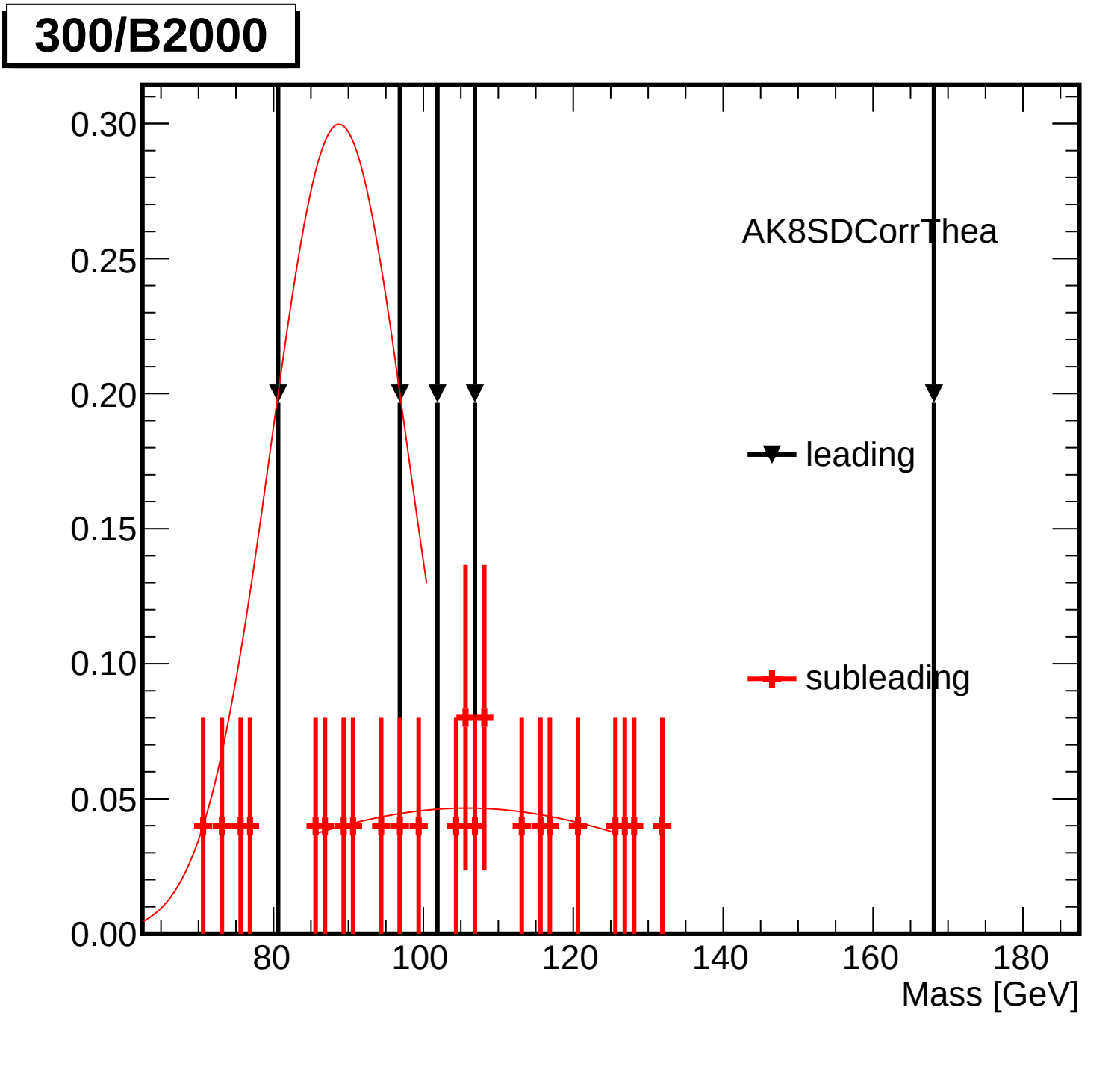

300/B2000
PR
leading
Mean = -0.127
Sigma = 0.667
subleading
Mean = -0.272
Sigma = 0.148
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

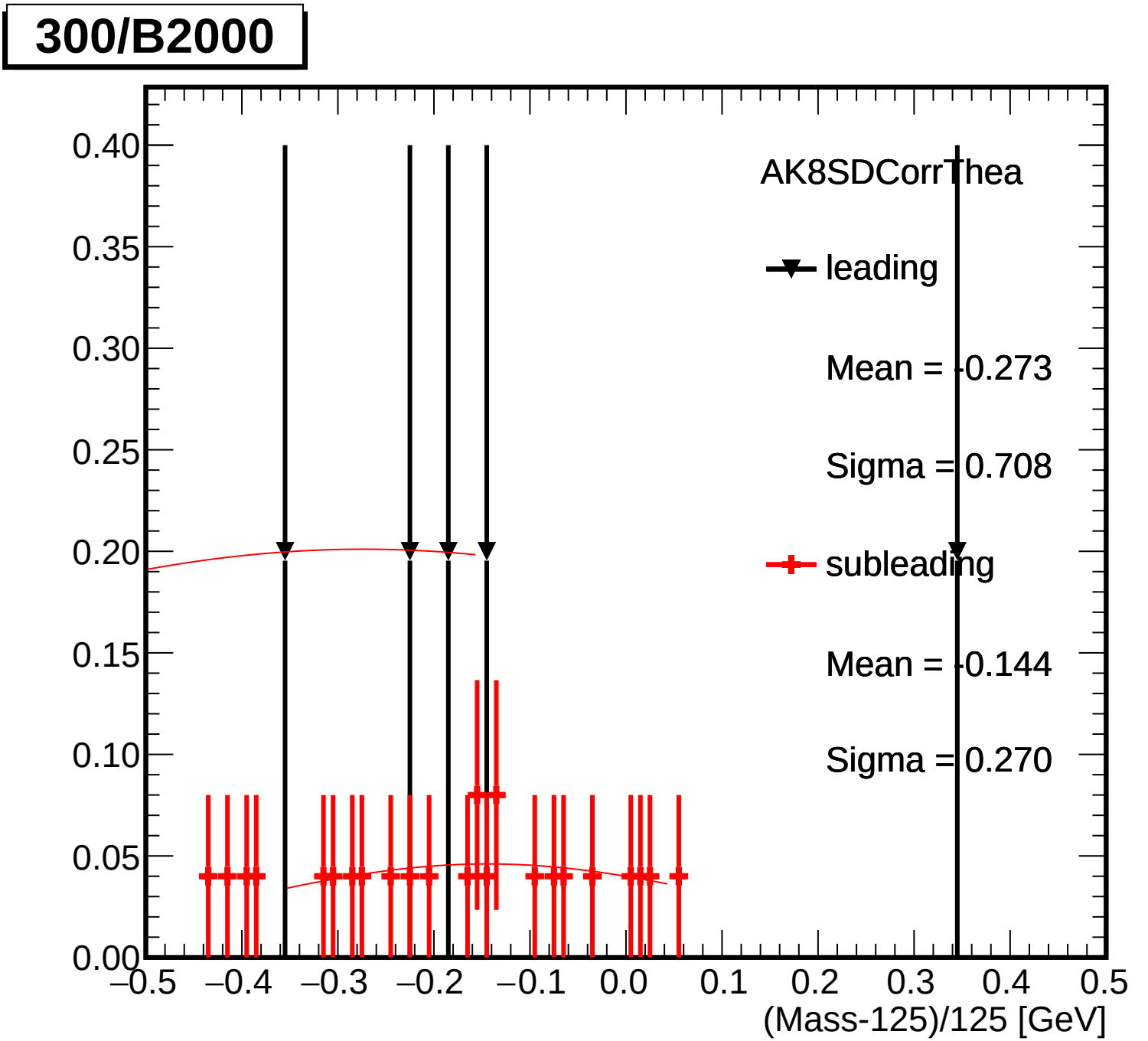

300/B2000
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

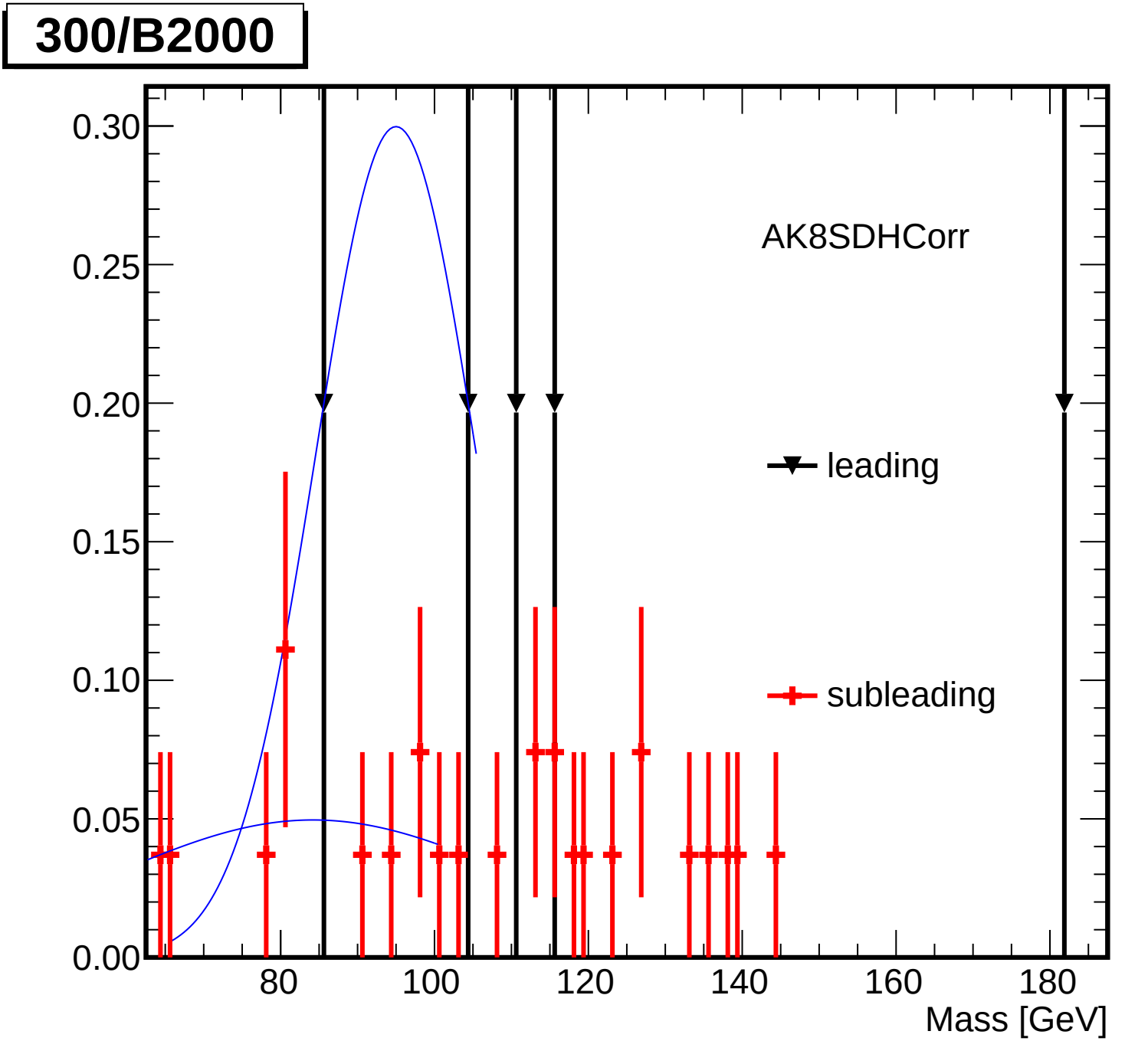

300/B2000
PRCorr
leading
Mean = -1.104
Sigma = 0.658
subleading
Mean = -0.204
Sigma = 0.330
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

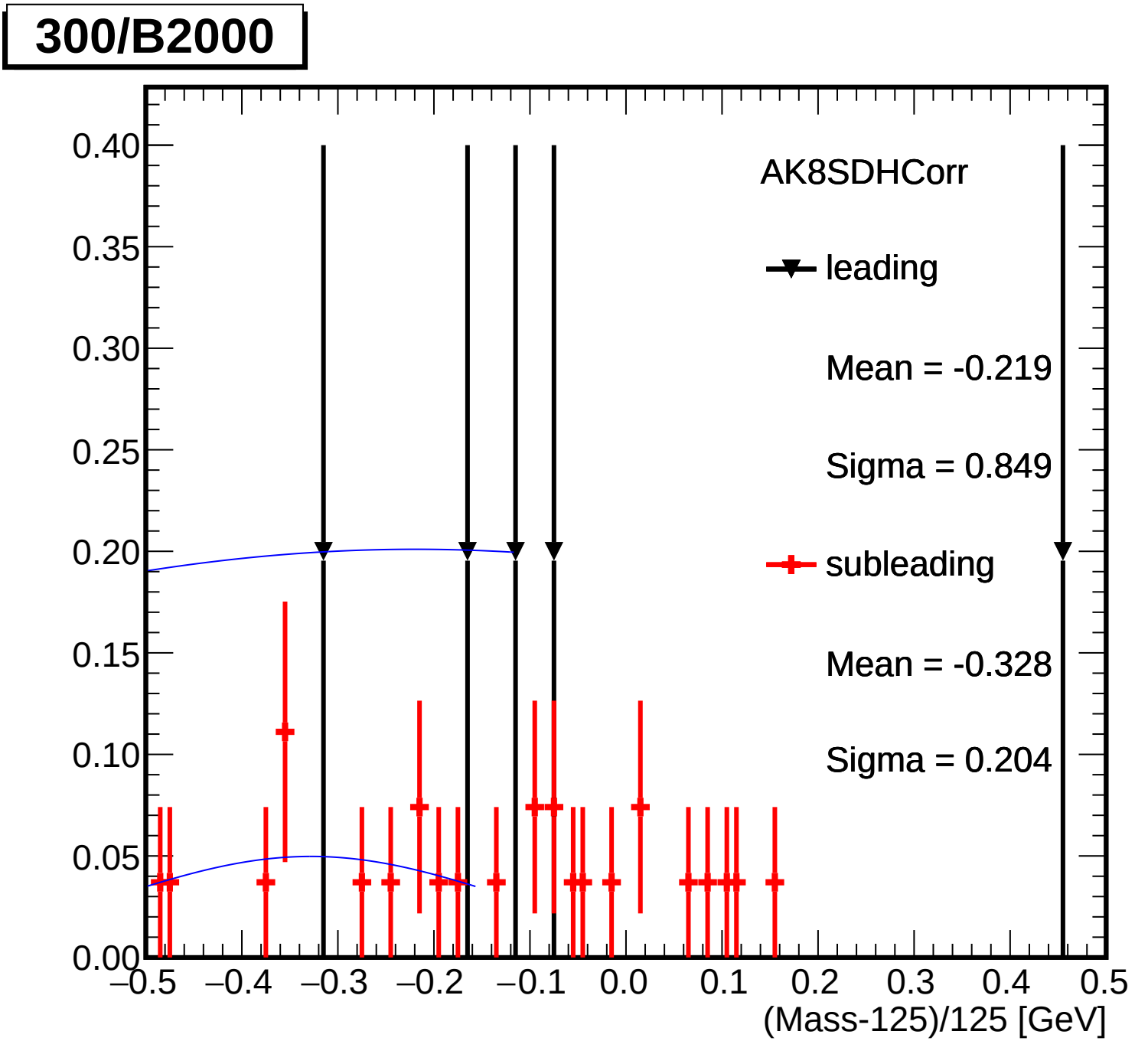

300/B2000
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


300/B2000
AK8SD
leading
Mean = -0.307
Sigma = 0.512
subleading
Mean = -0.301
Sigma = 0.849
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]


300/B2000
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


300/B2000
AK8SDCorrThea
leading
Mean = -0.273
Sigma = 0.708
subleading
Mean = -0.144
Sigma = 0.270
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]


300/B2000
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDHCorr
leading
subleading


300/B2000
AK8SDHCorr
leading
Mean = -0.219
Sigma = 0.849
subleading
Mean = -0.328
Sigma = 0.204
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]