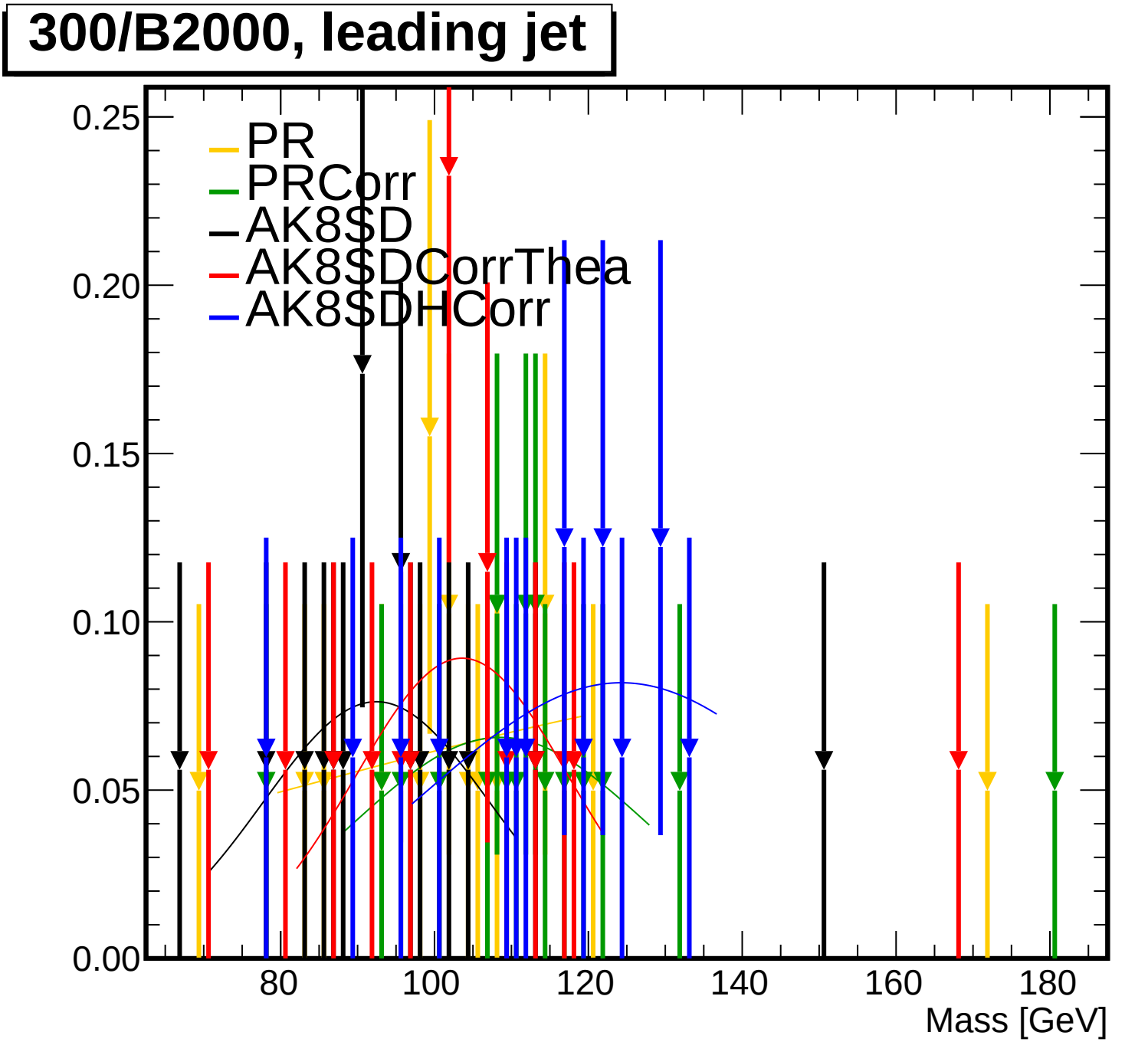
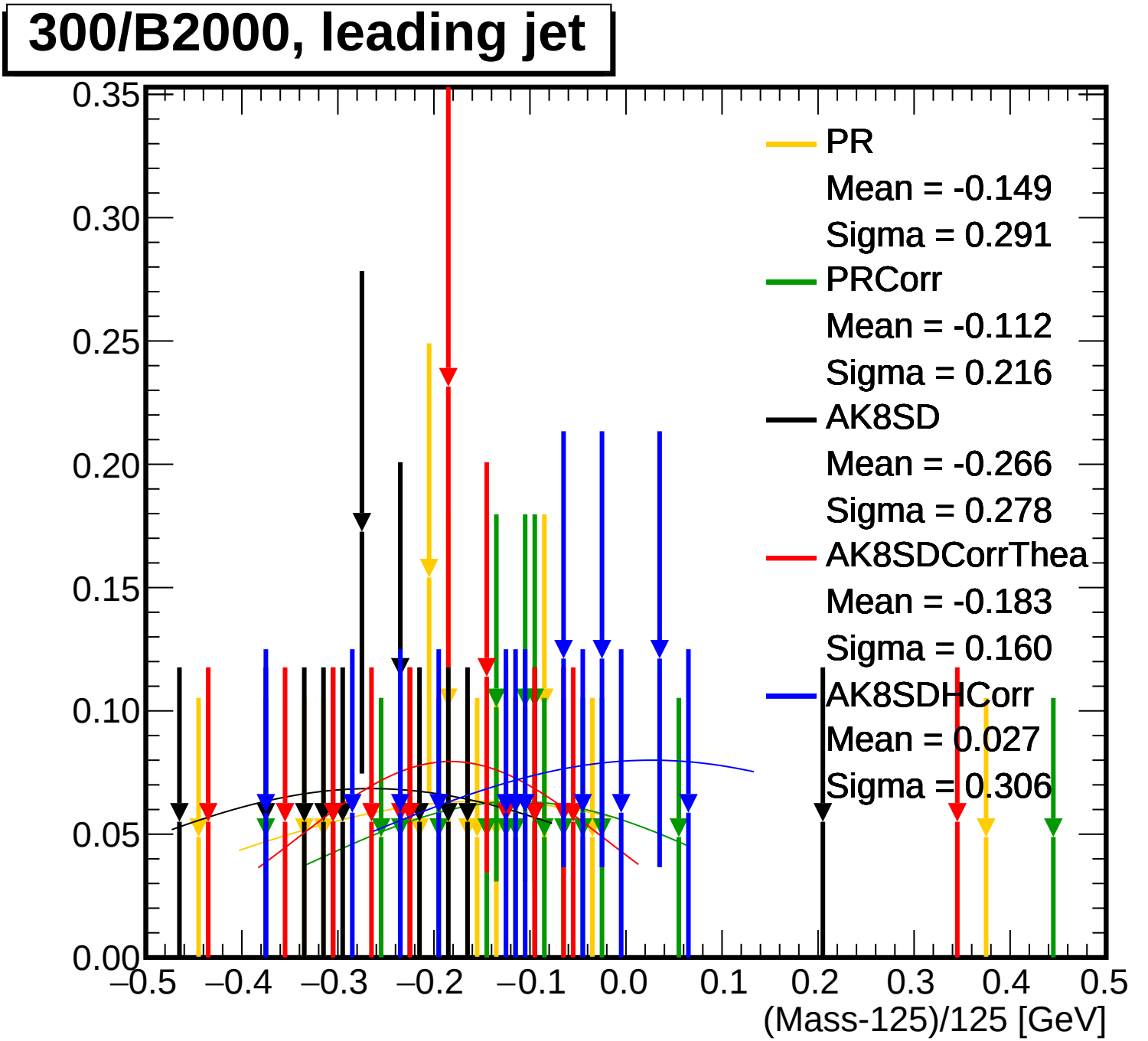
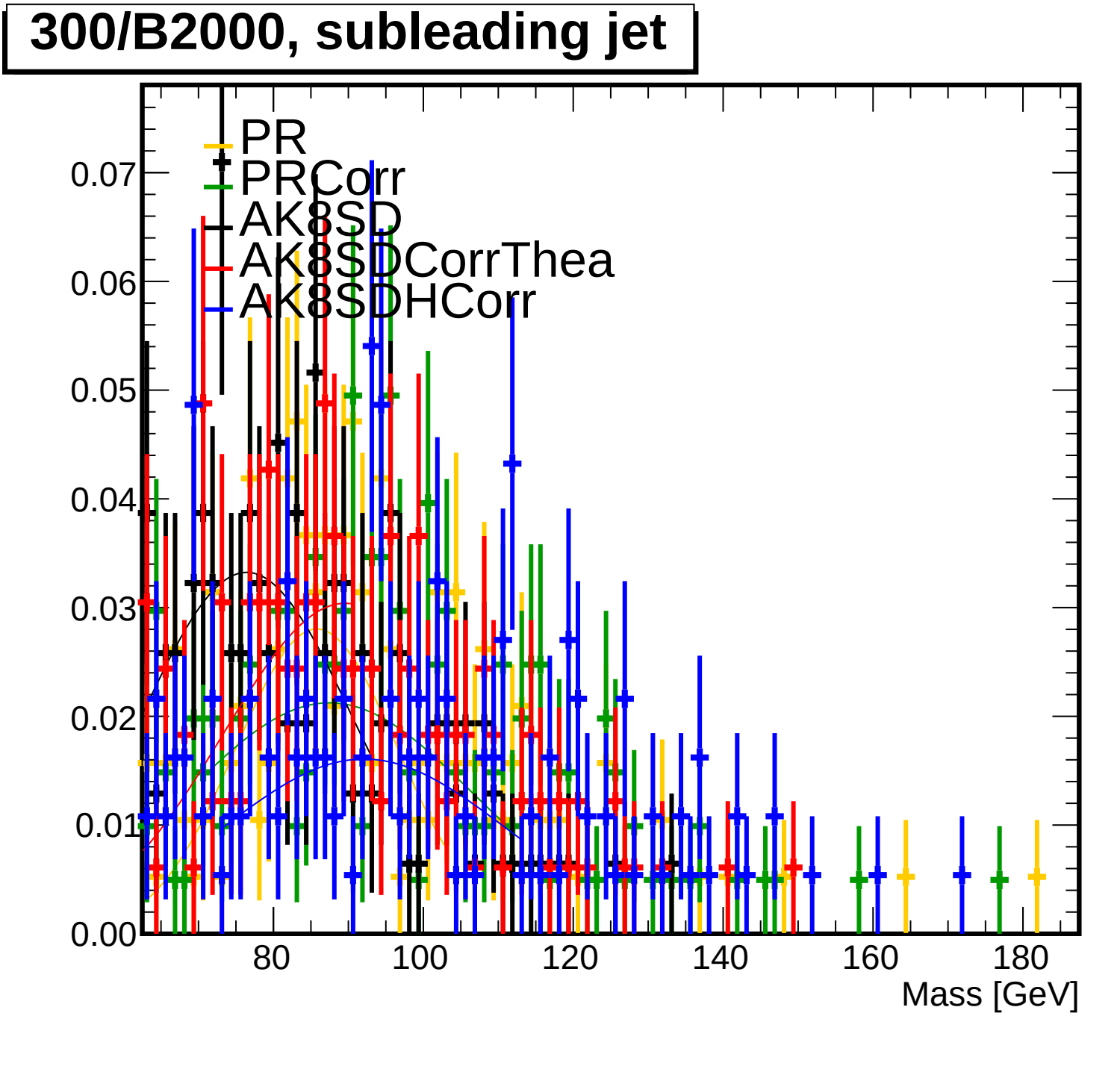
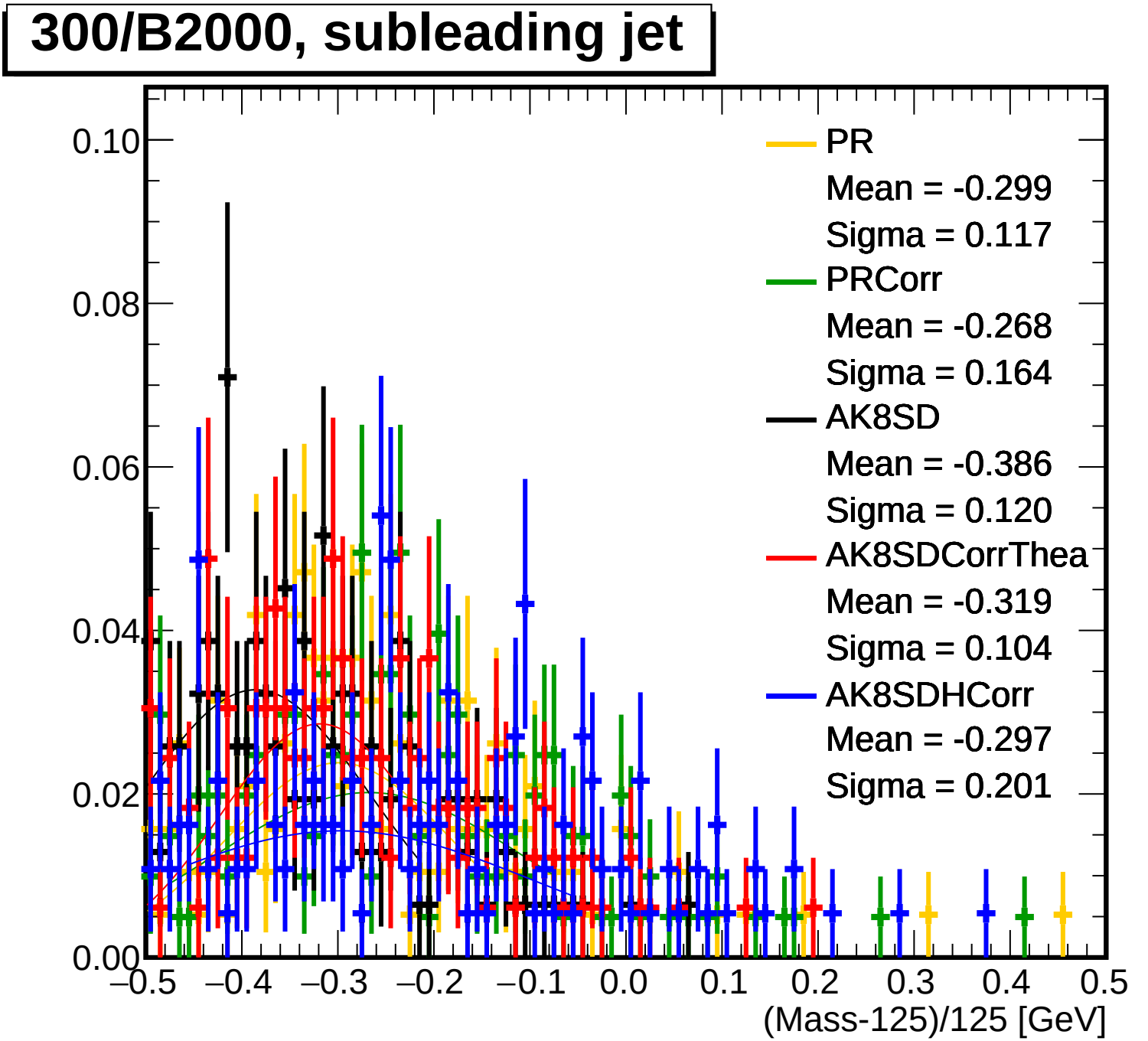
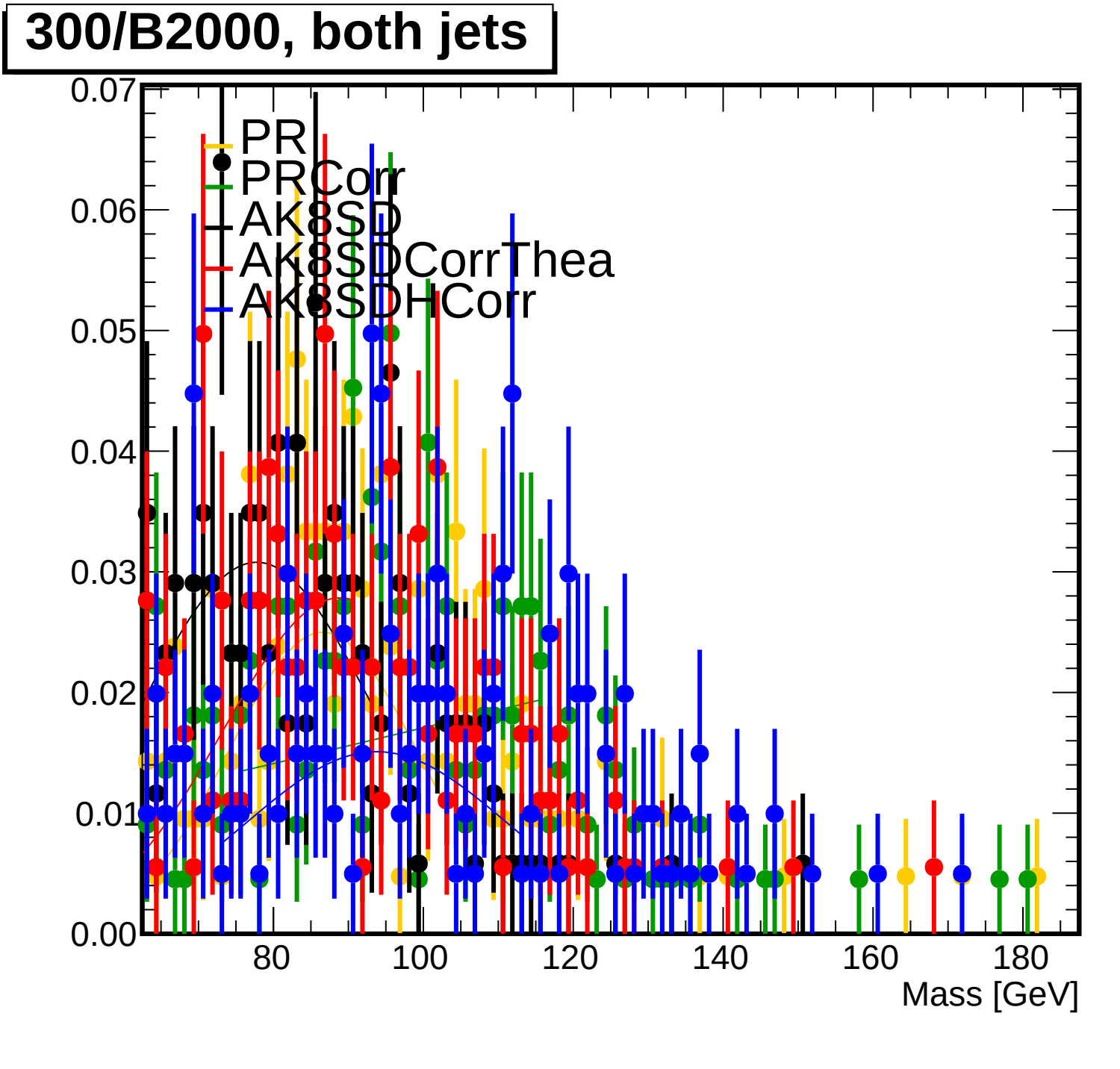
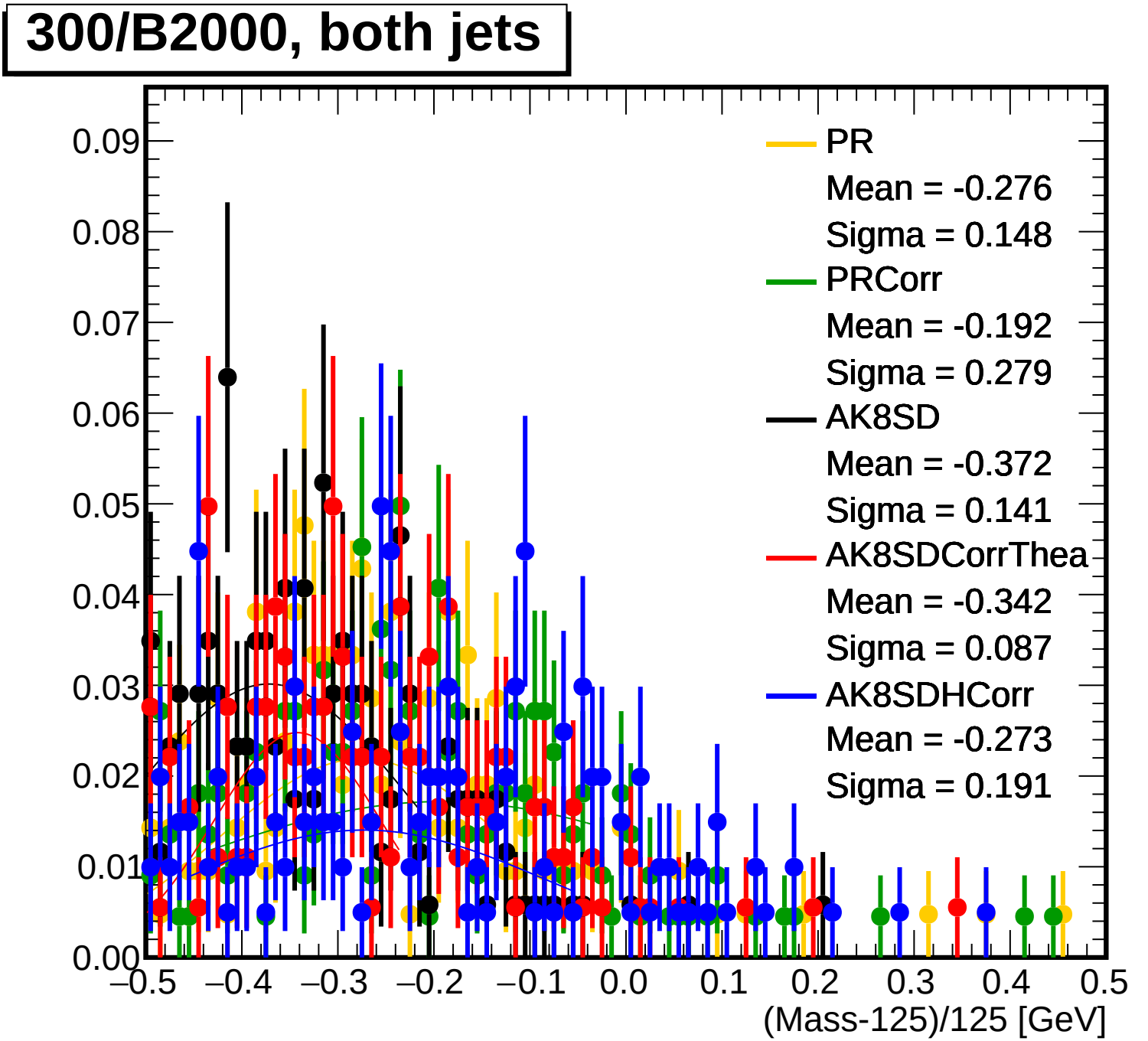

300/B2000, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

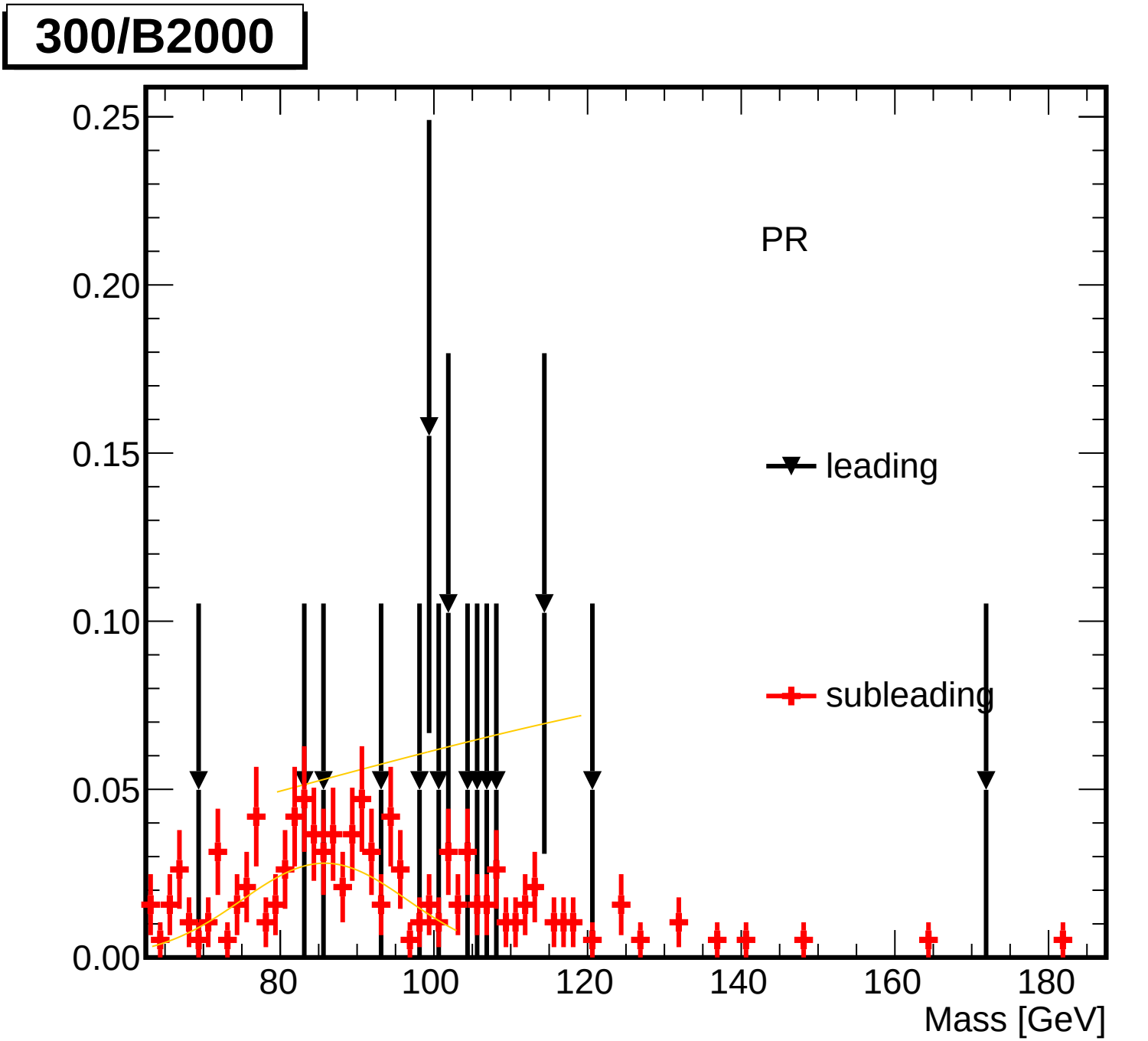

300/B2000, leading jet
PR
Mean = -0.149
Sigma = 0.291
PRCorr
Mean = -0.112
Sigma = 0.216
AK8SD
Mean = -0.266
Sigma = 0.278
AK8SDCorrThea
Mean = -0.183
Sigma = 0.160
AK8SDHCorr
Mean = 0.027
Sigma = 0.306
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

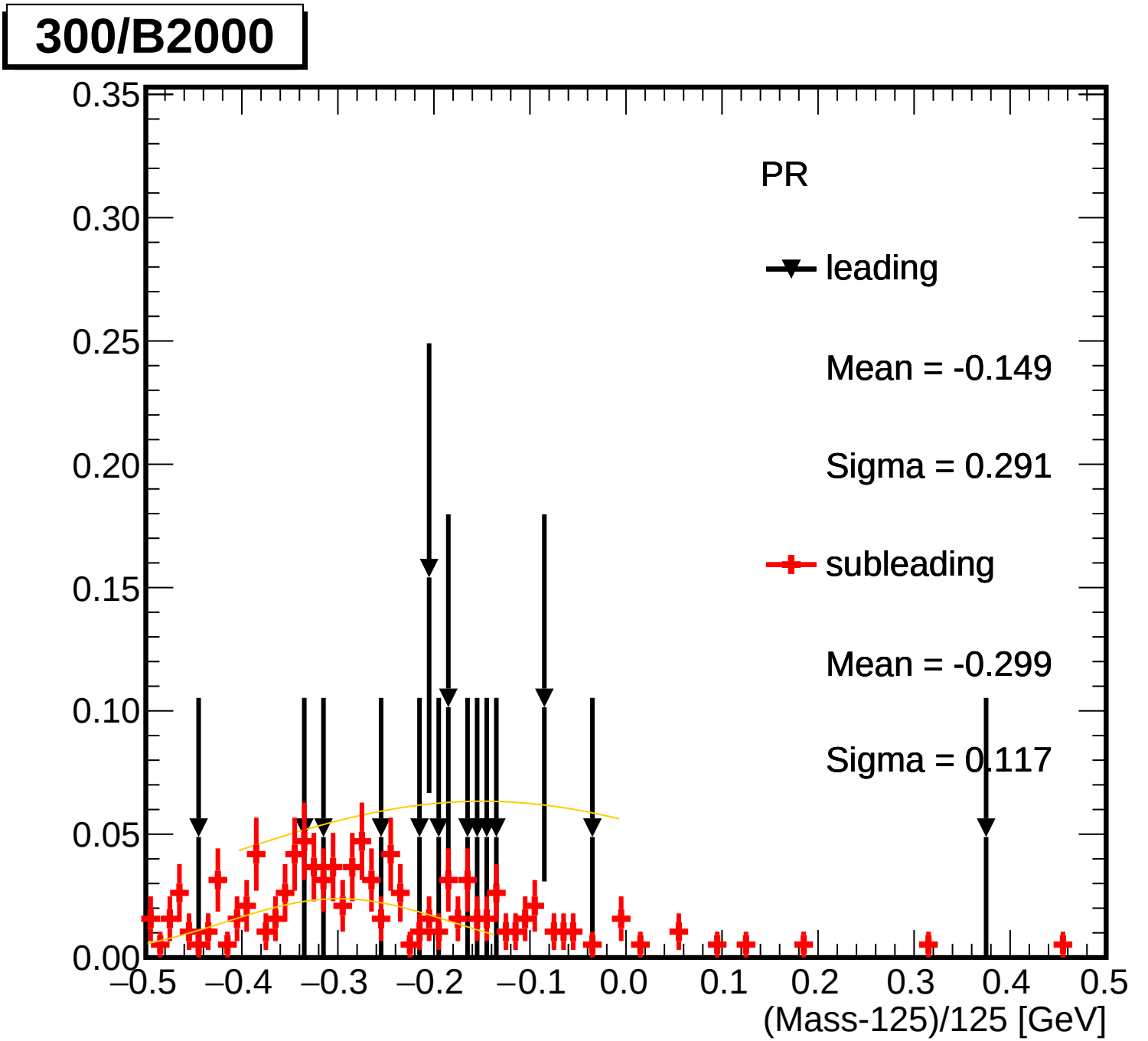

300/B2000, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

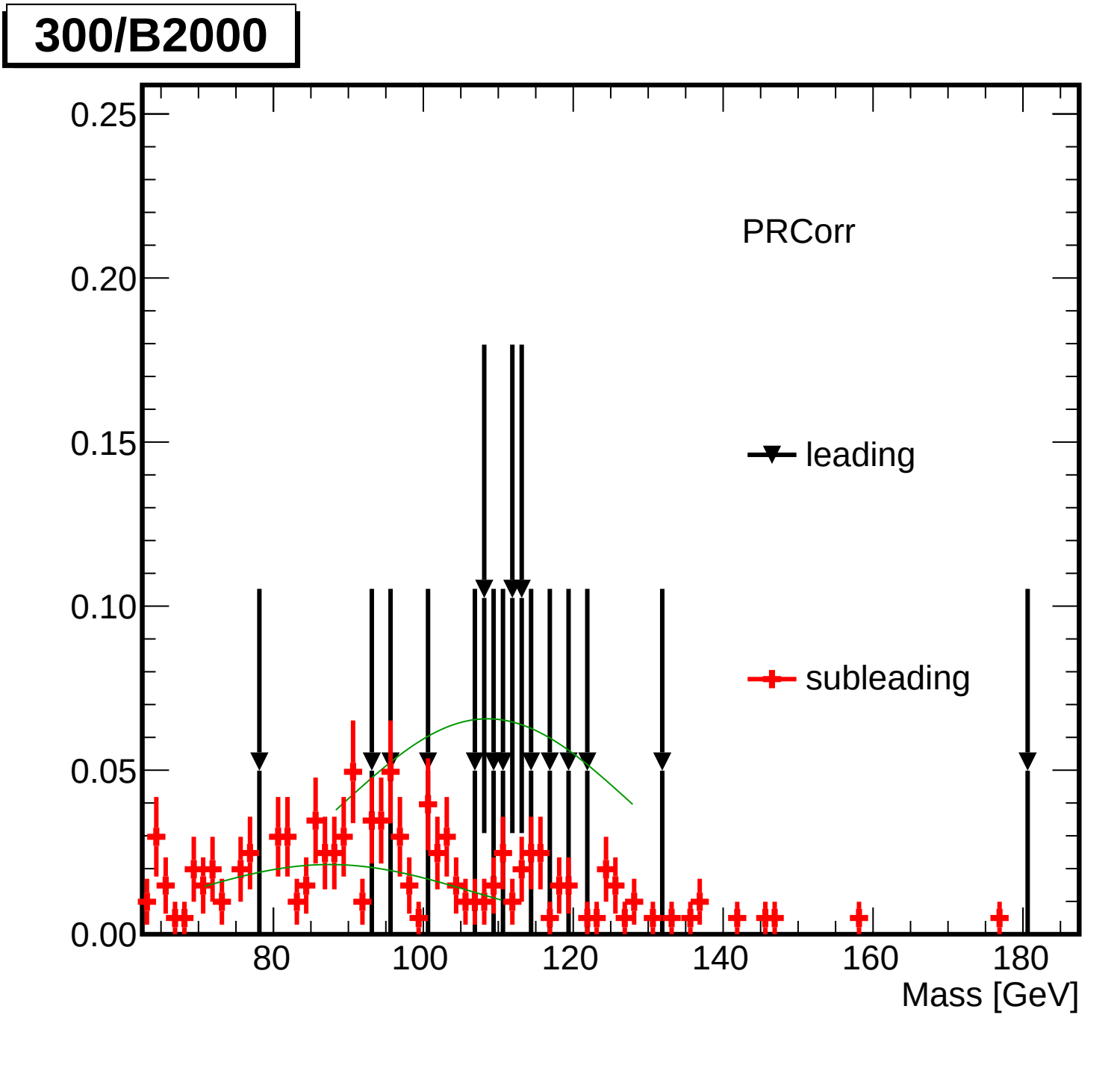

300/B2000, subleading jet
PR
Mean = -0.299
Sigma = 0.117
PRCorr
Mean = -0.268
Sigma = 0.164
AK8SD
Mean = -0.386
Sigma = 0.120
AK8SDCorrThea
Mean = -0.319
Sigma = 0.104
AK8SDHCorr
Mean = -0.297
Sigma = 0.201
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

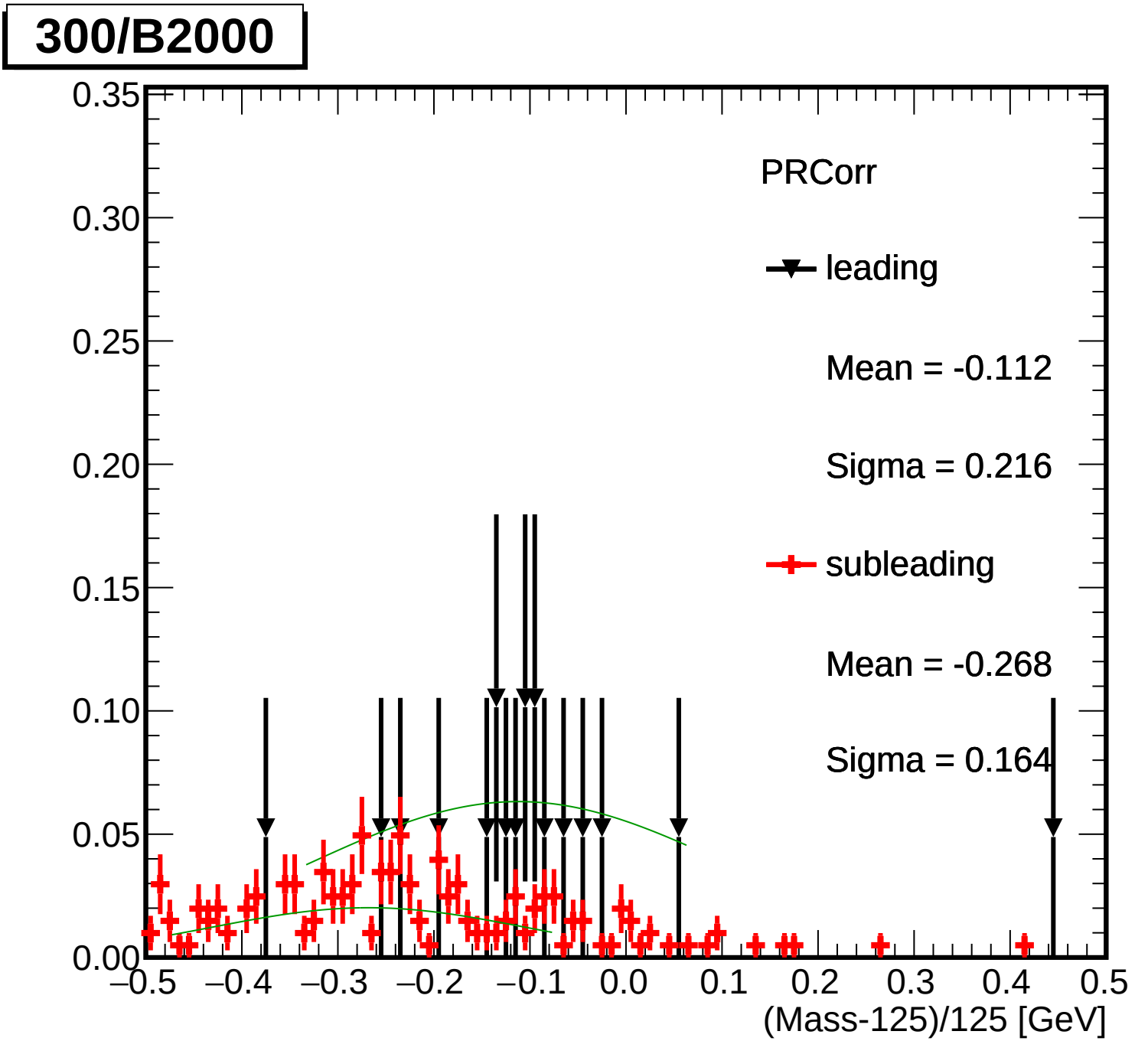

300/B2000, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

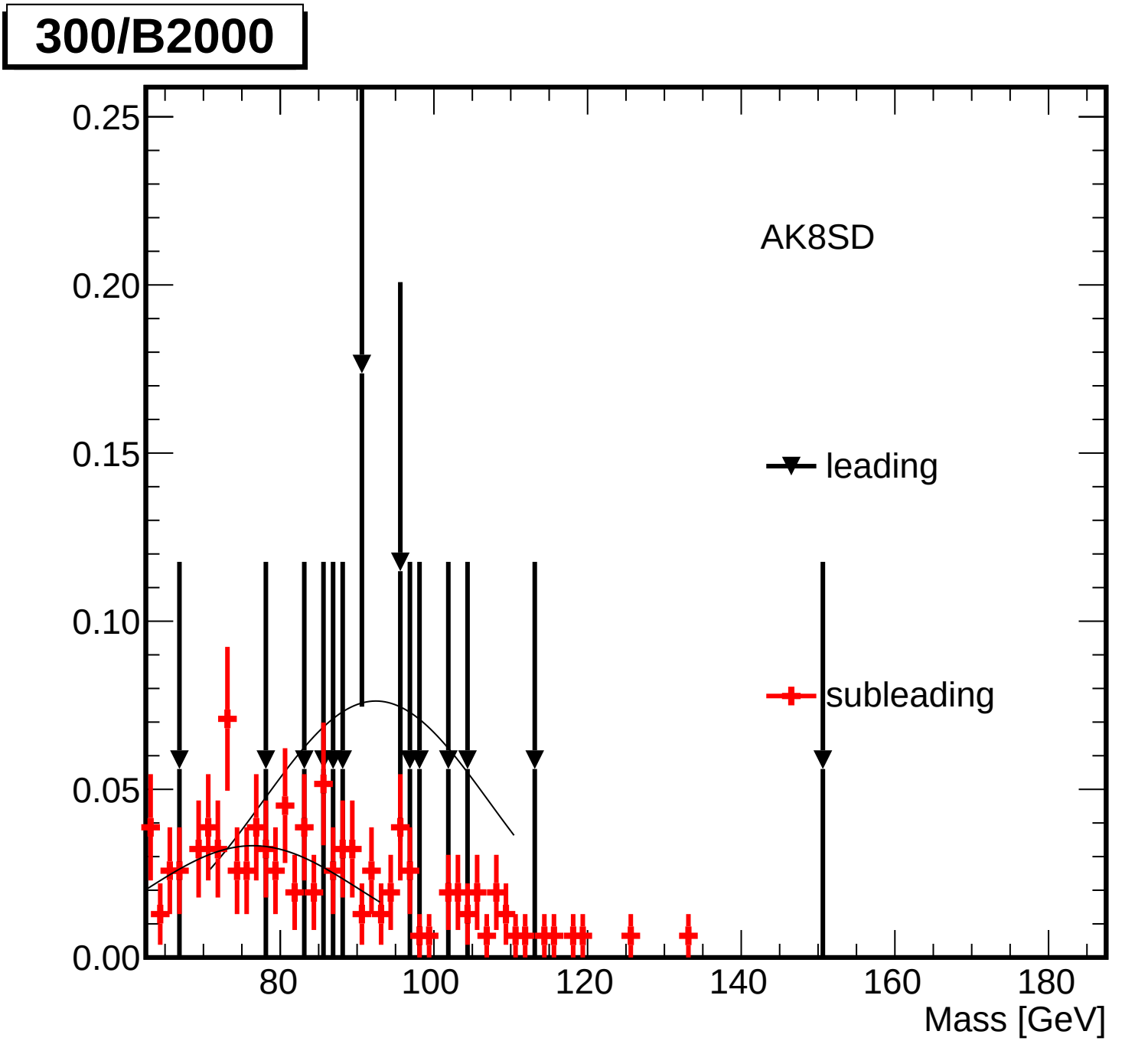

300/B2000, both jets
PR
Mean = -0.276
Sigma = 0.148
PRCorr
Mean = -0.192
Sigma = 0.279
AK8SD
Mean = -0.372
Sigma = 0.141
AK8SDCorrThea
Mean = -0.342
Sigma = 0.087
AK8SDHCorr
Mean = -0.273
Sigma = 0.191
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

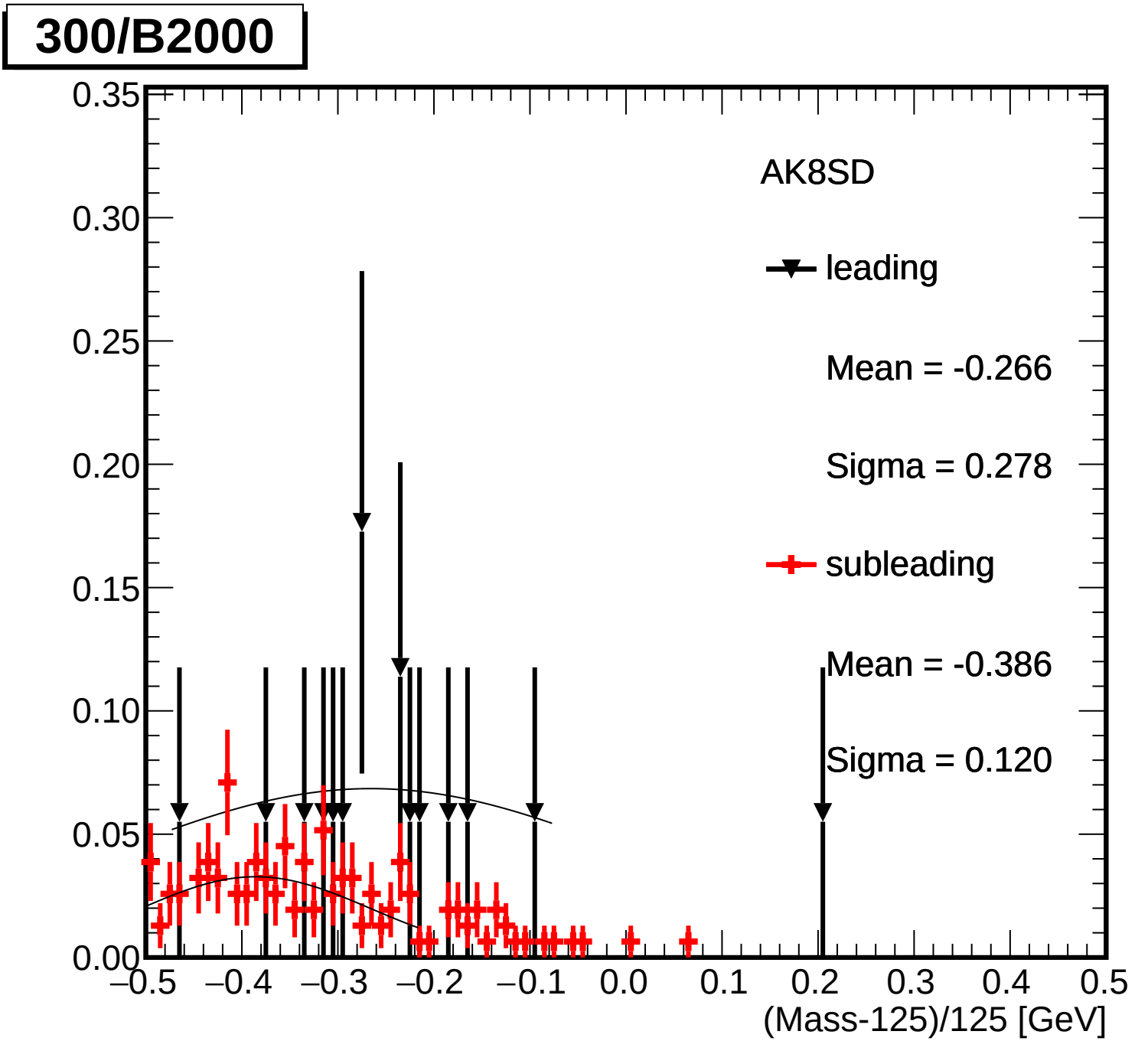

300/B2000
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

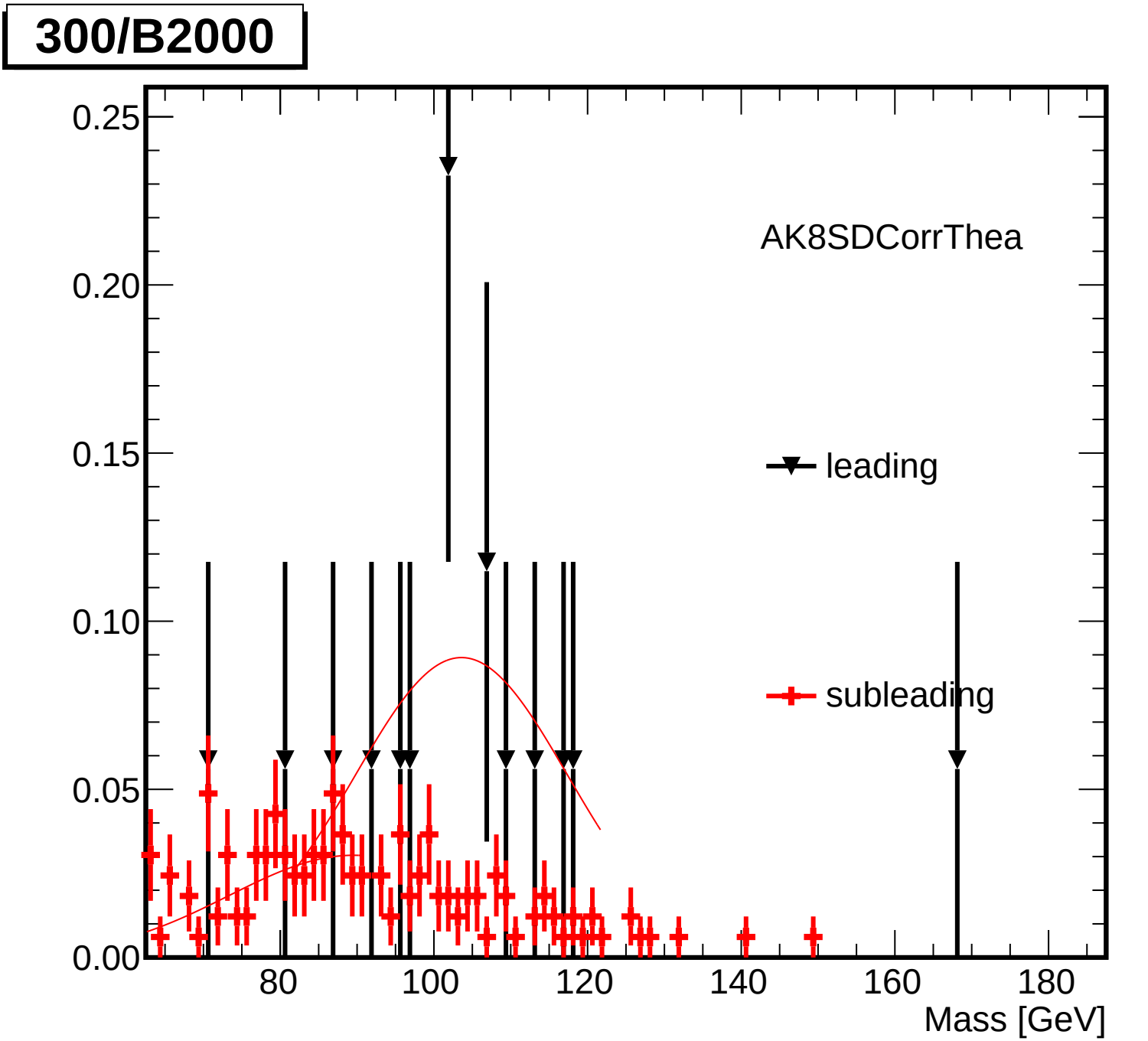

300/B2000
PR
leading
Mean = -0.149
Sigma = 0.291
subleading
Mean = -0.299
Sigma = 0.117
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

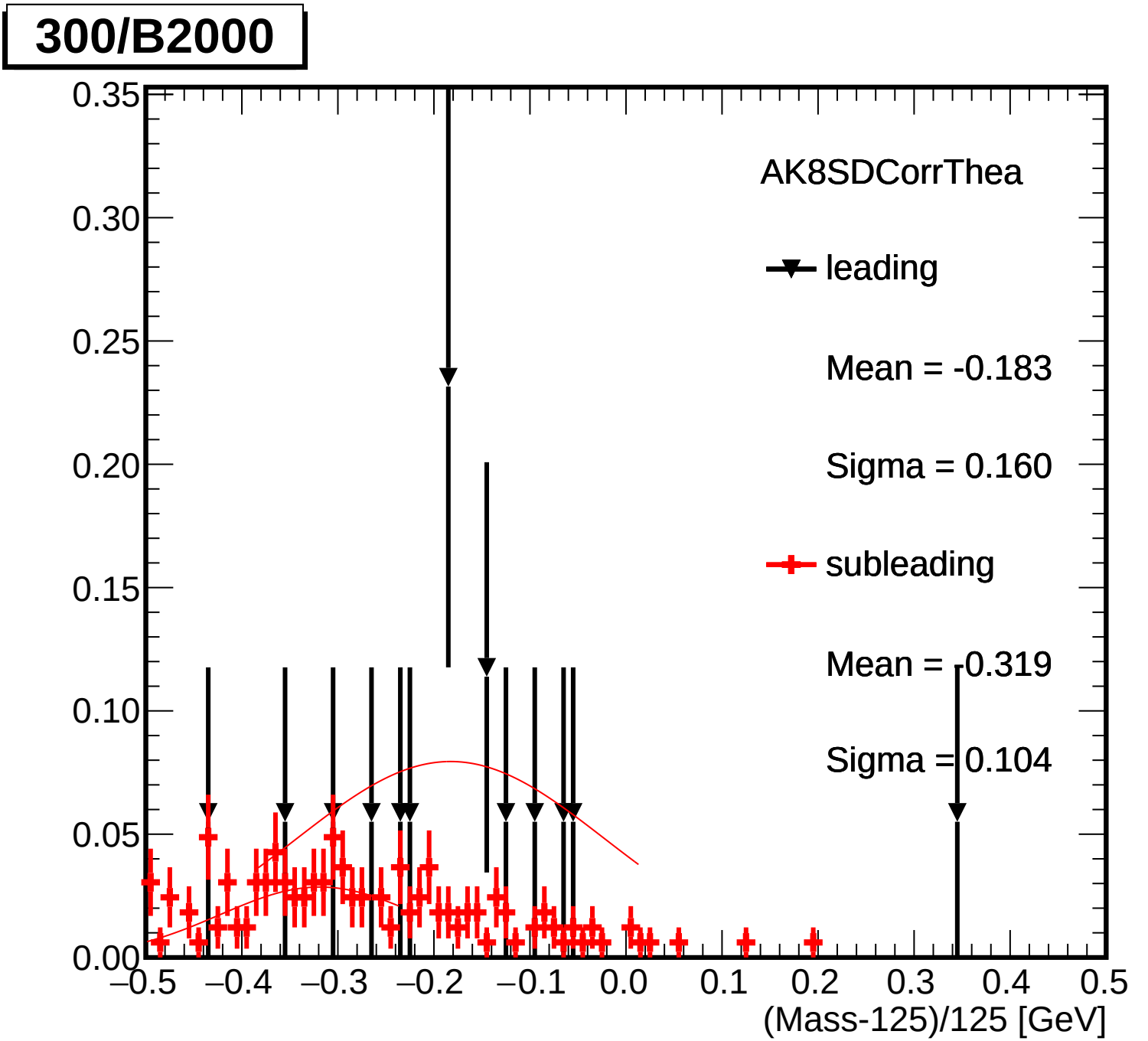

300/B2000
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

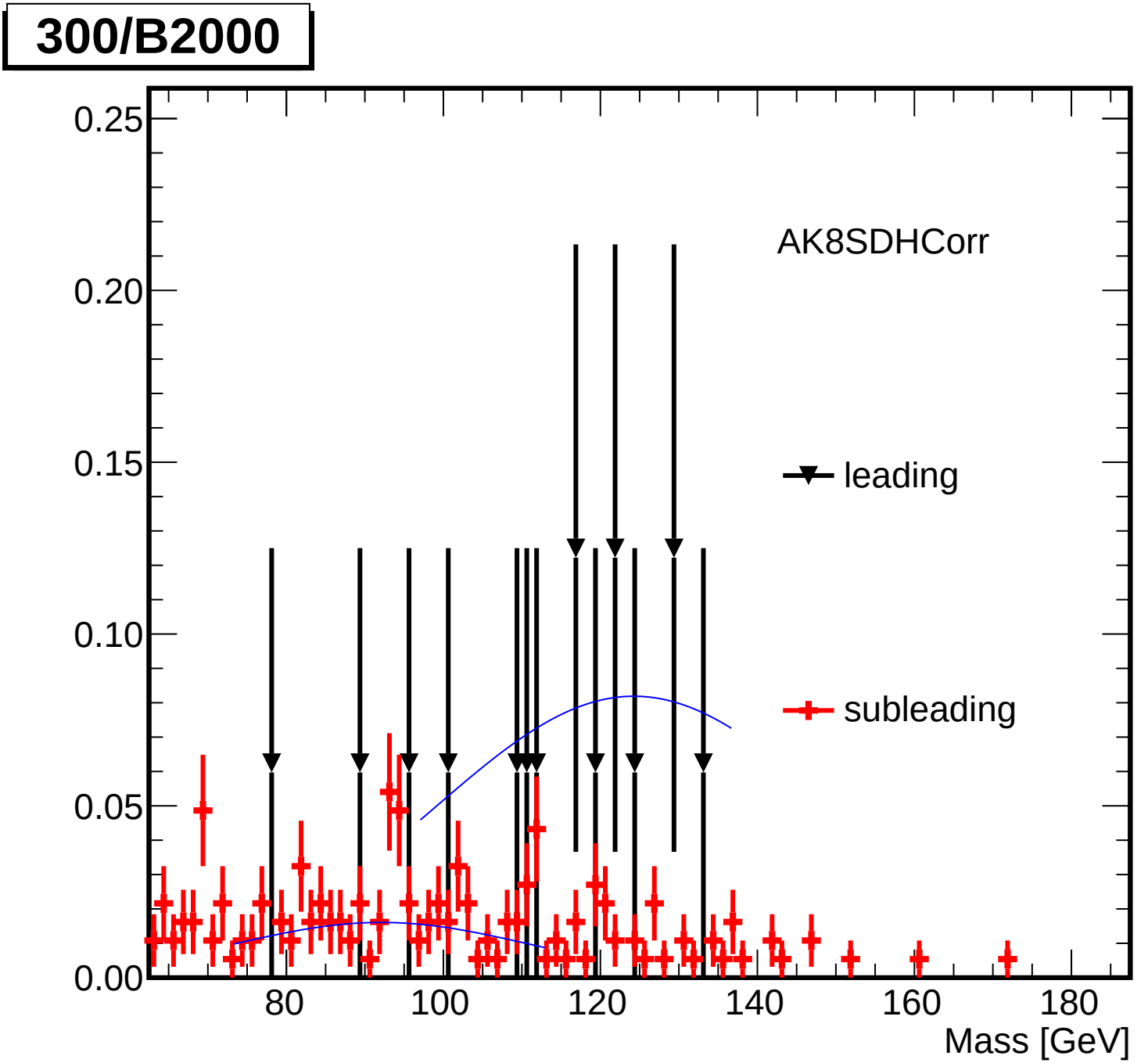

300/B2000
PRCorr
leading
Mean = -0.112
Sigma = 0.216
subleading
Mean = -0.268
Sigma = 0.164
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

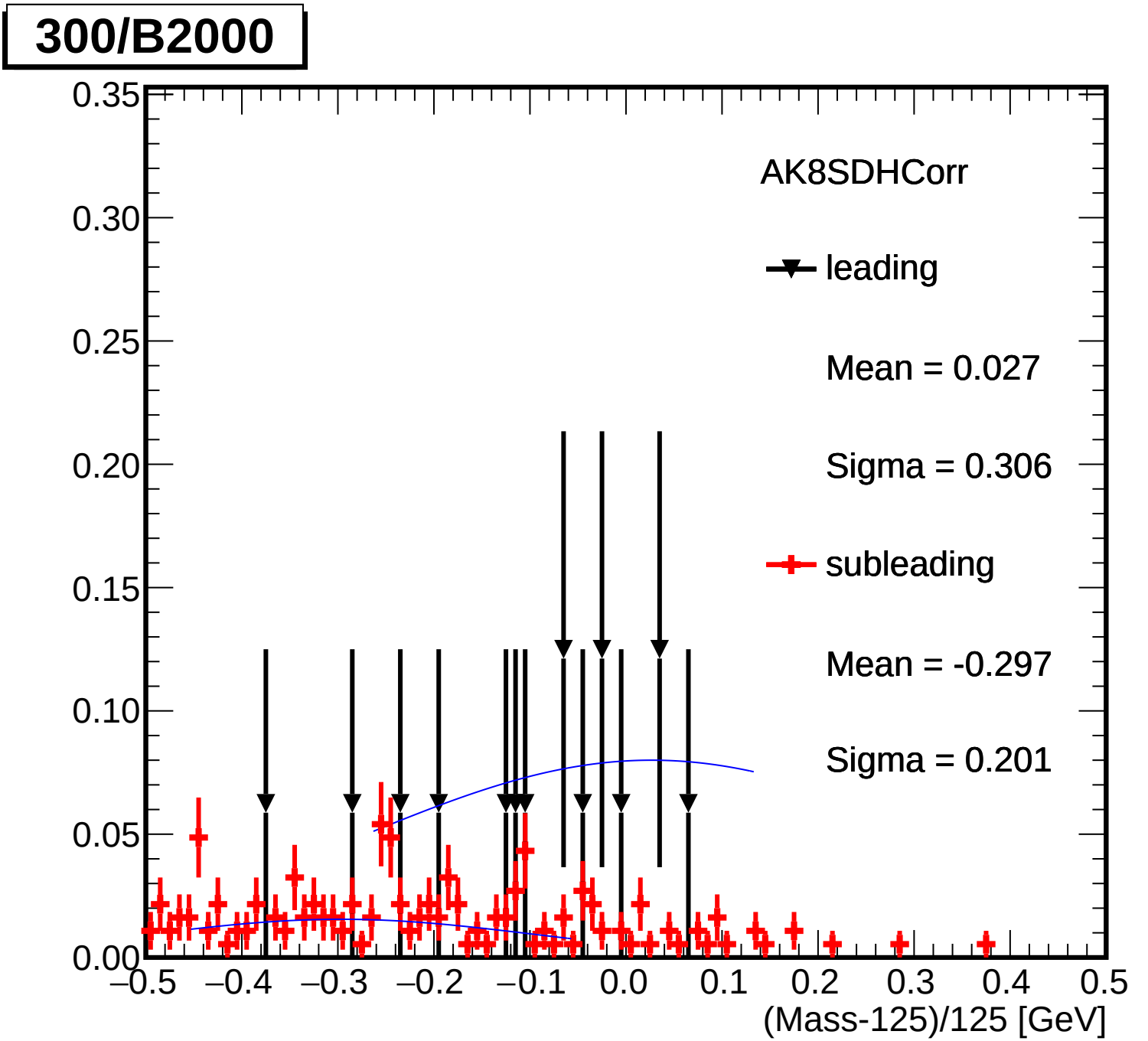

300/B2000
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


300/B2000
AK8SD
leading
Mean = -0.266
Sigma = 0.278
subleading
Mean = -0.386
Sigma = 0.120
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
0.25
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 = -0.183
Sigma = 0.160
subleading
Mean = -0.319
Sigma = 0.104
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
0.25
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 = 0.027
Sigma = 0.306
subleading
Mean = -0.297
Sigma = 0.201
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]