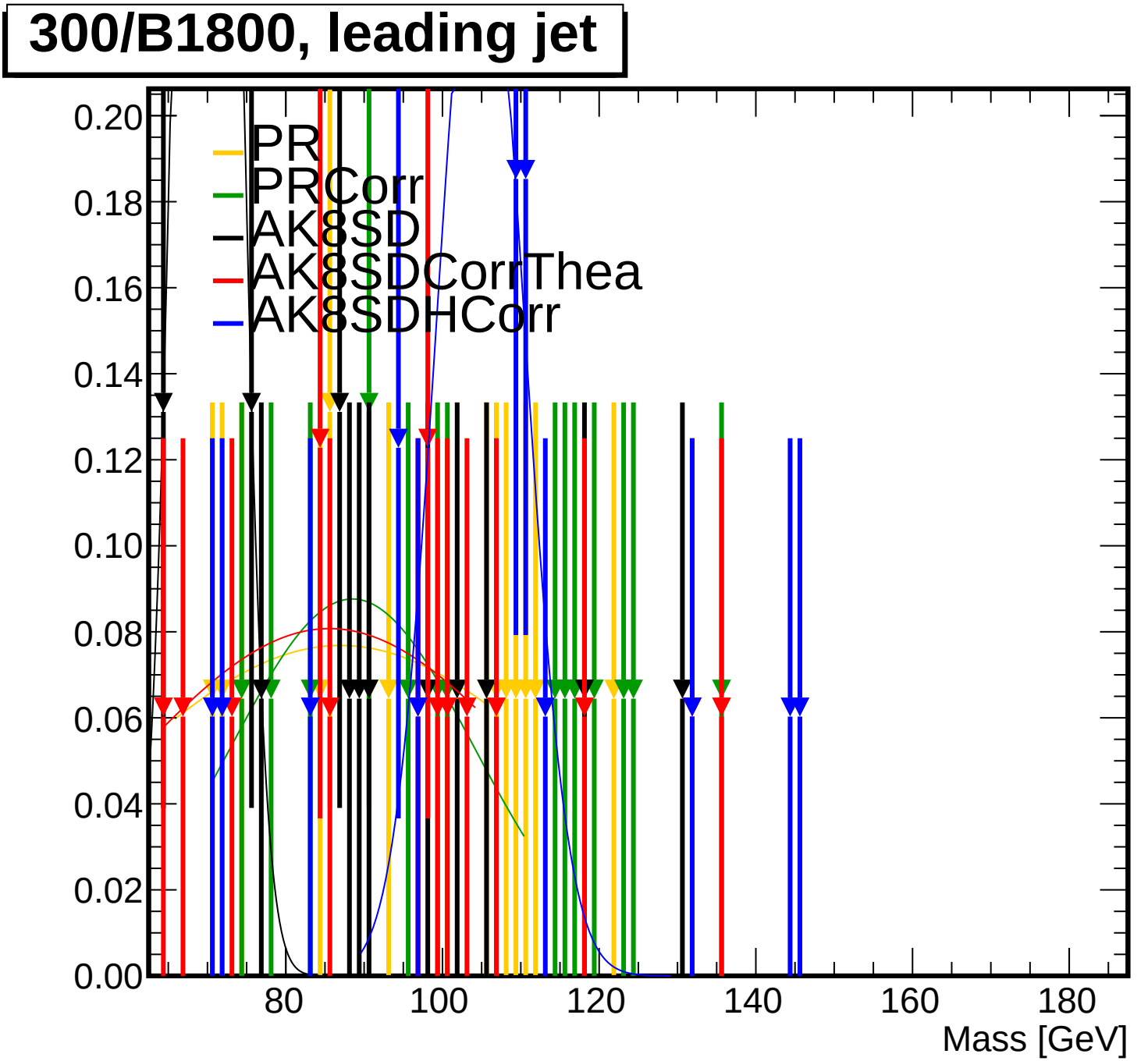
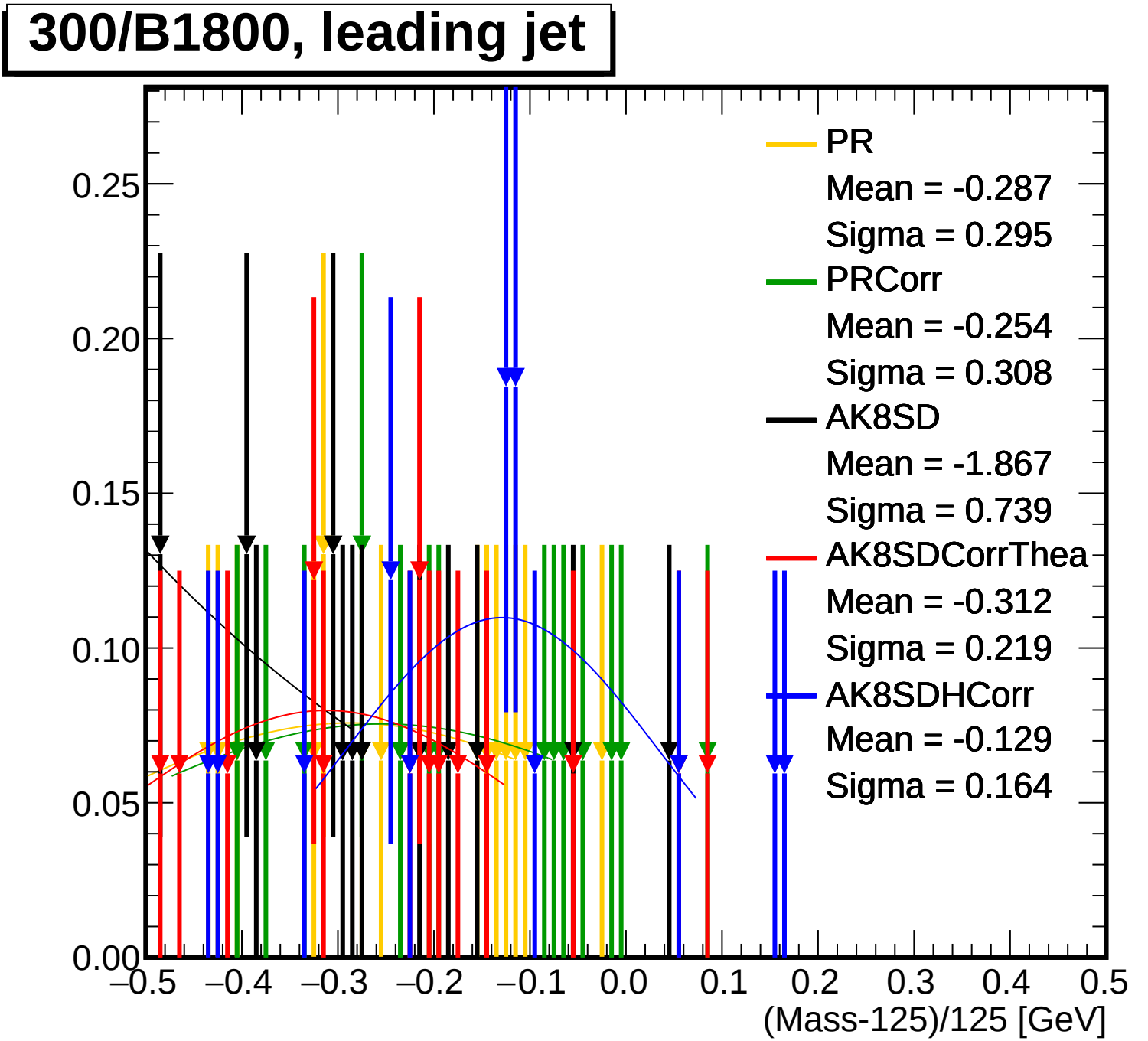
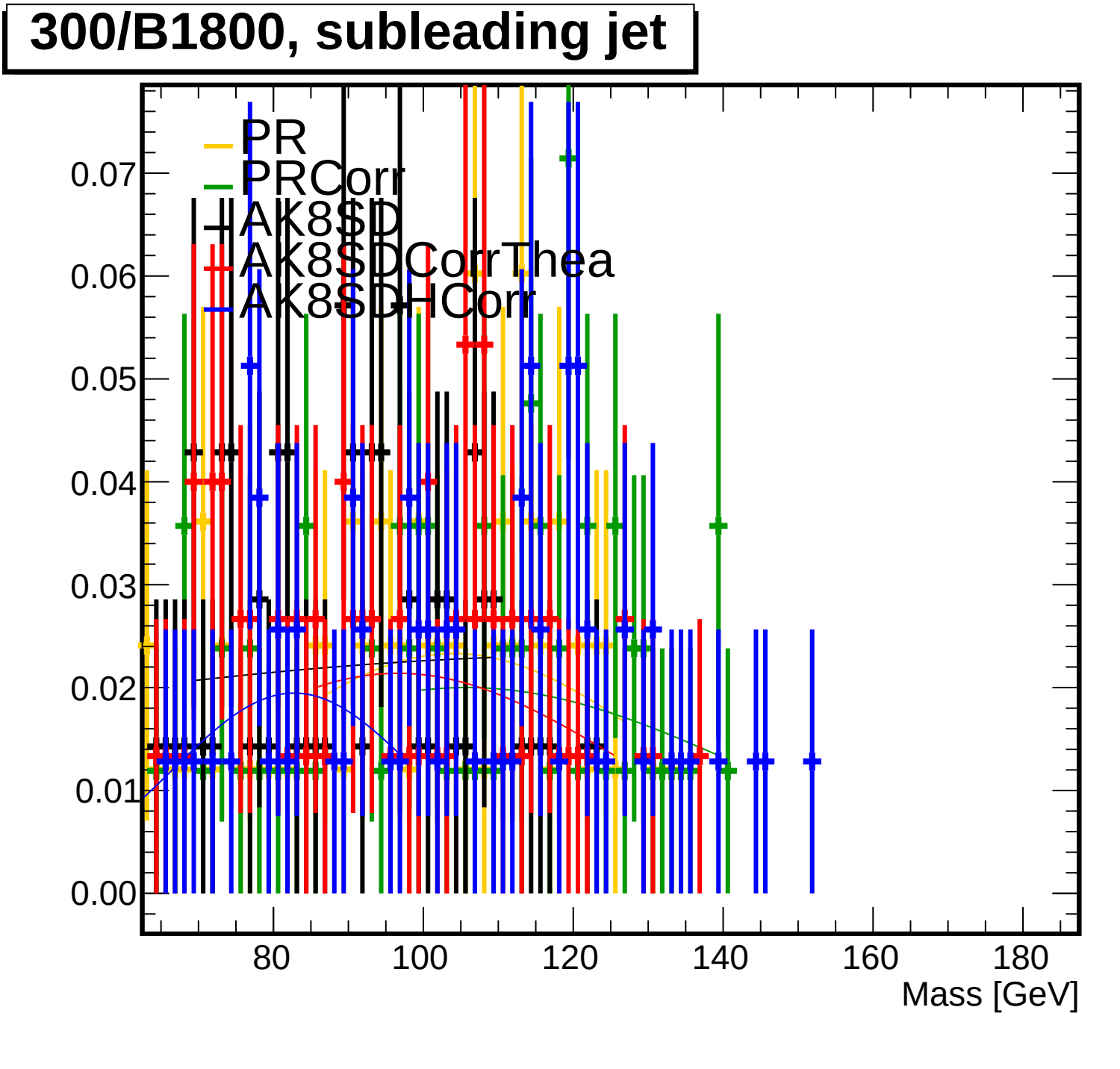
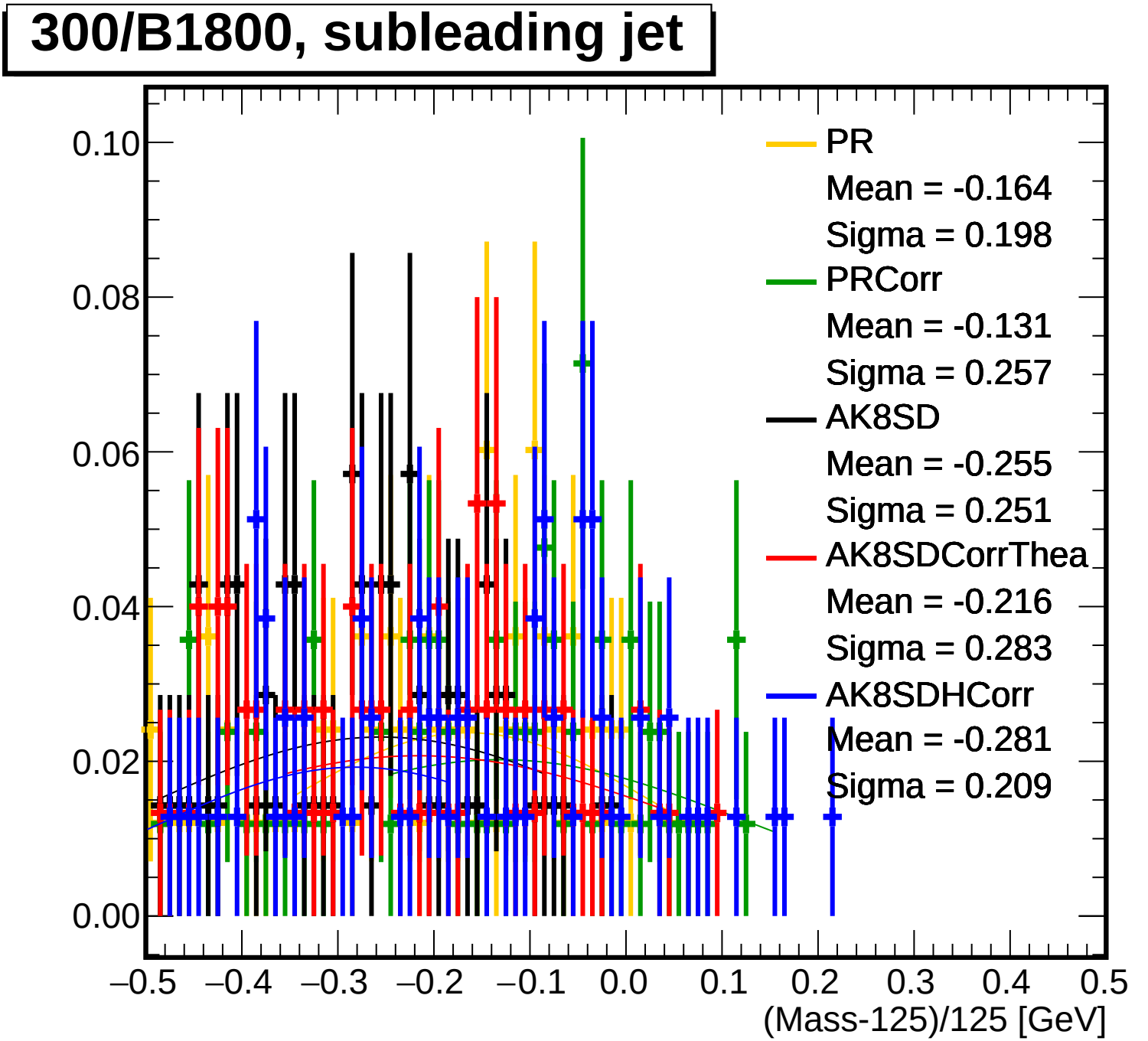
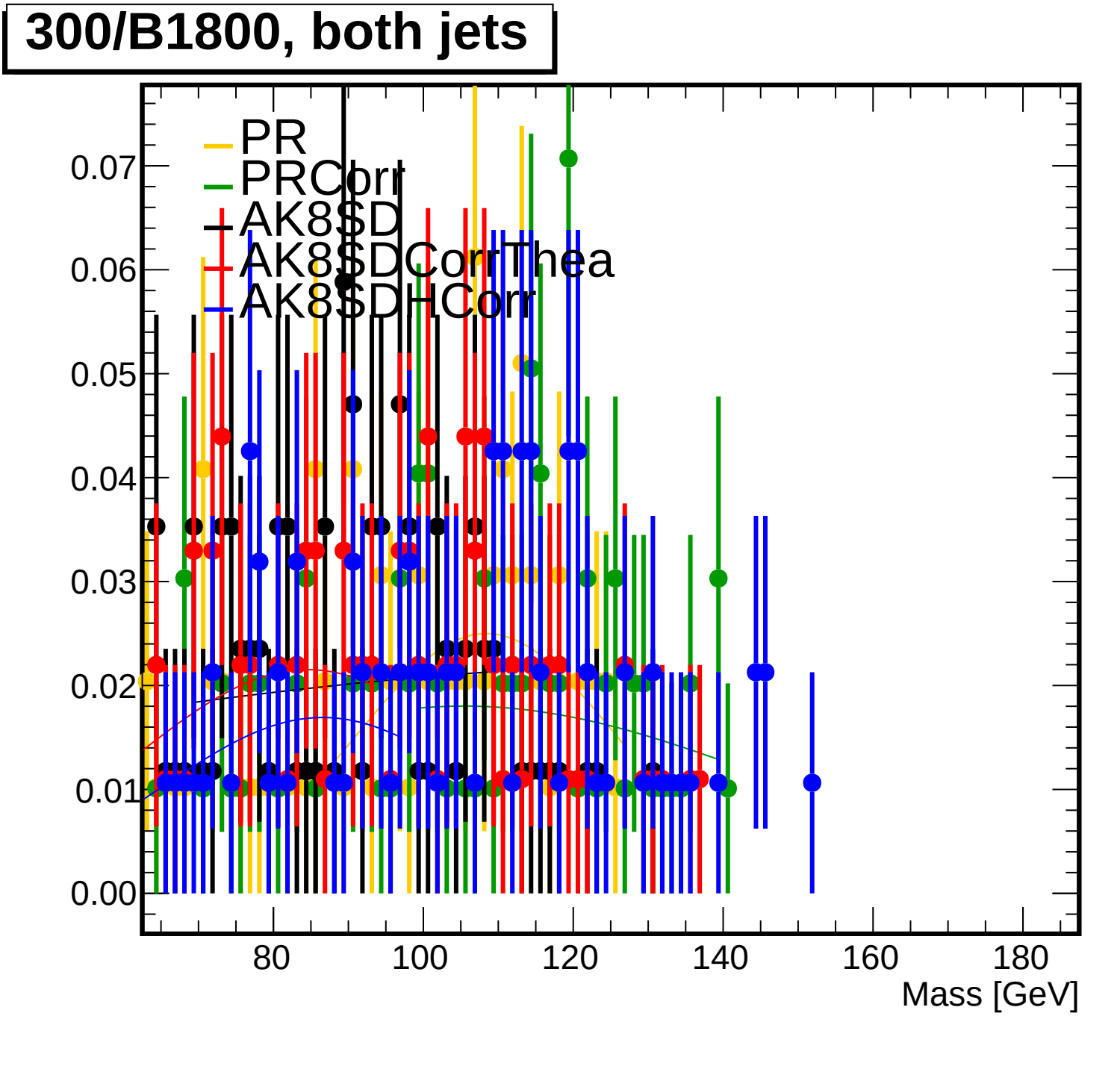
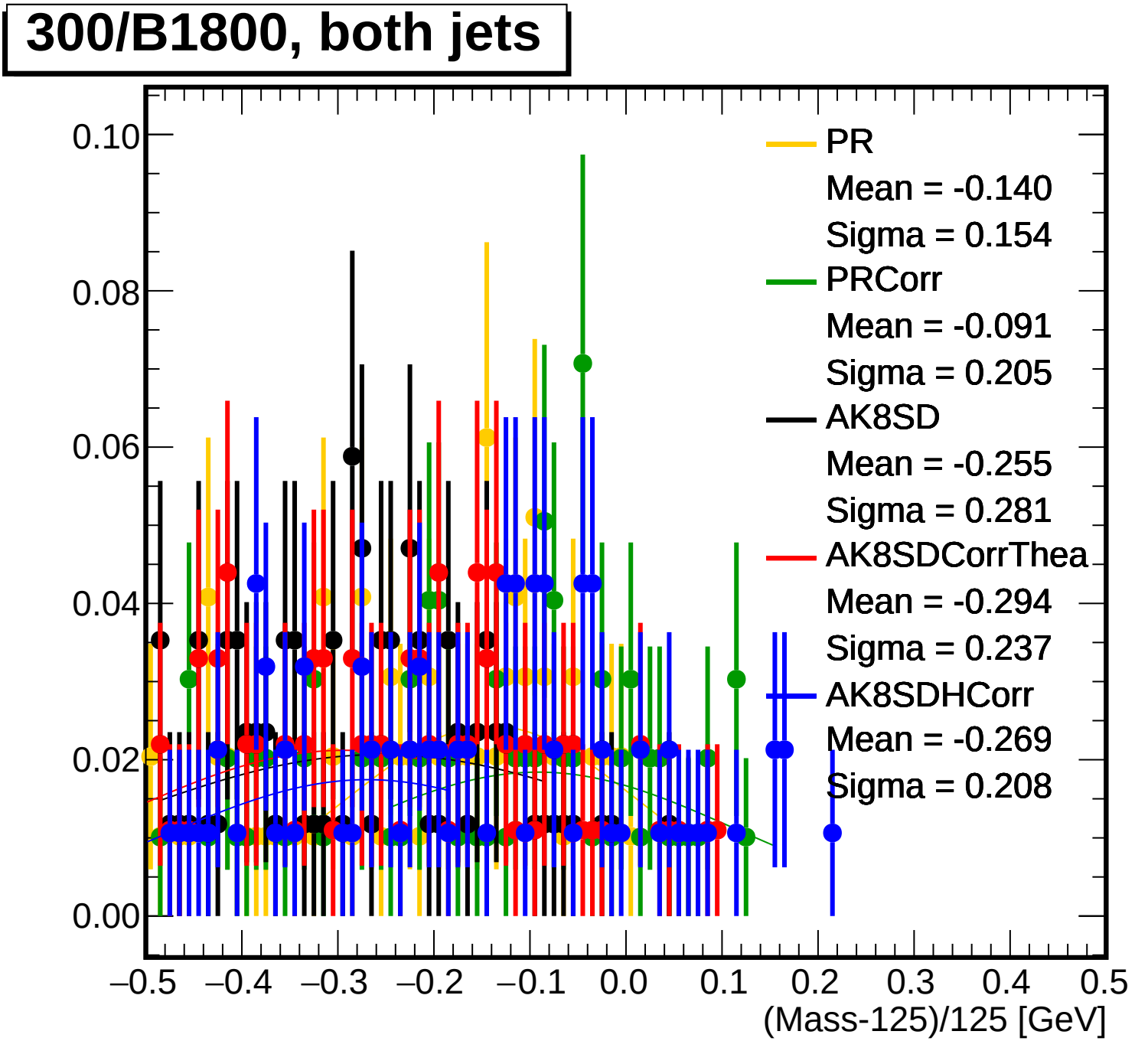

300/B1800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

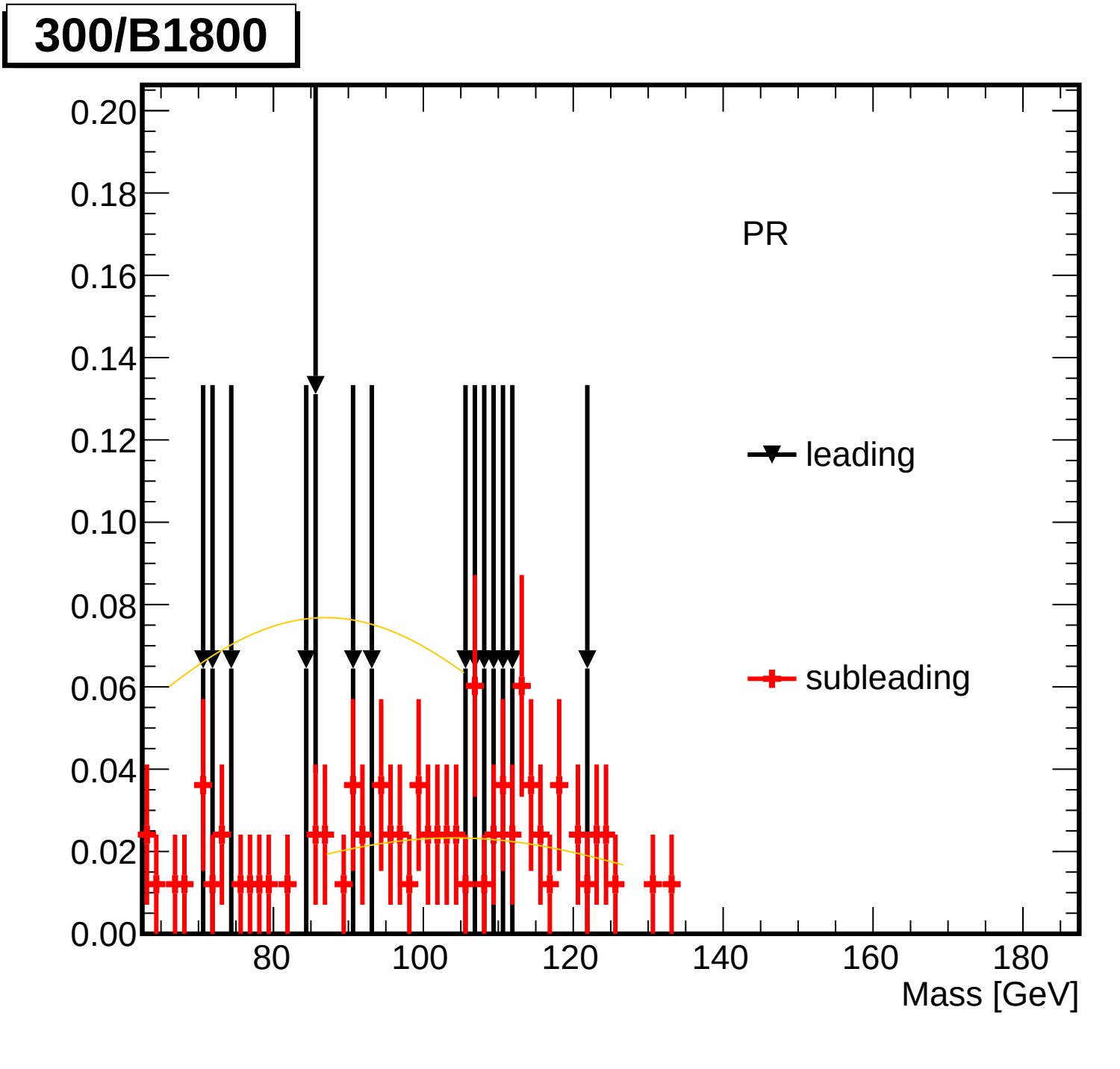

300/B1800, leading jet
PR
Mean = -0.287
Sigma = 0.295
PRCorr
Mean = -0.254
Sigma = 0.308
AK8SD
Mean = -1.867
Sigma = 0.739
AK8SDCorrThea
Mean = -0.312
Sigma = 0.219
AK8SDHCorr
Mean = -0.129
Sigma = 0.164
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

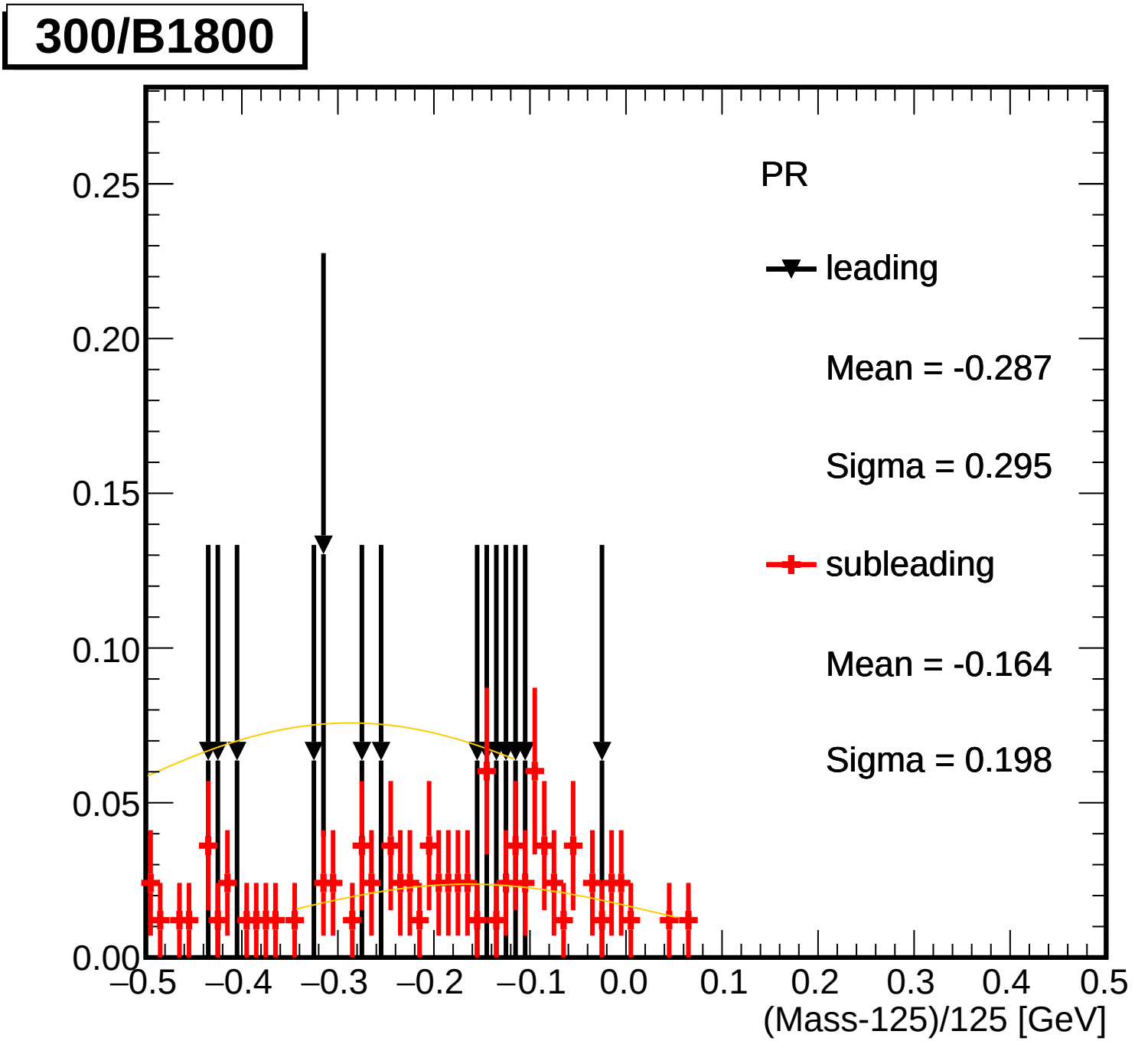

300/B1800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

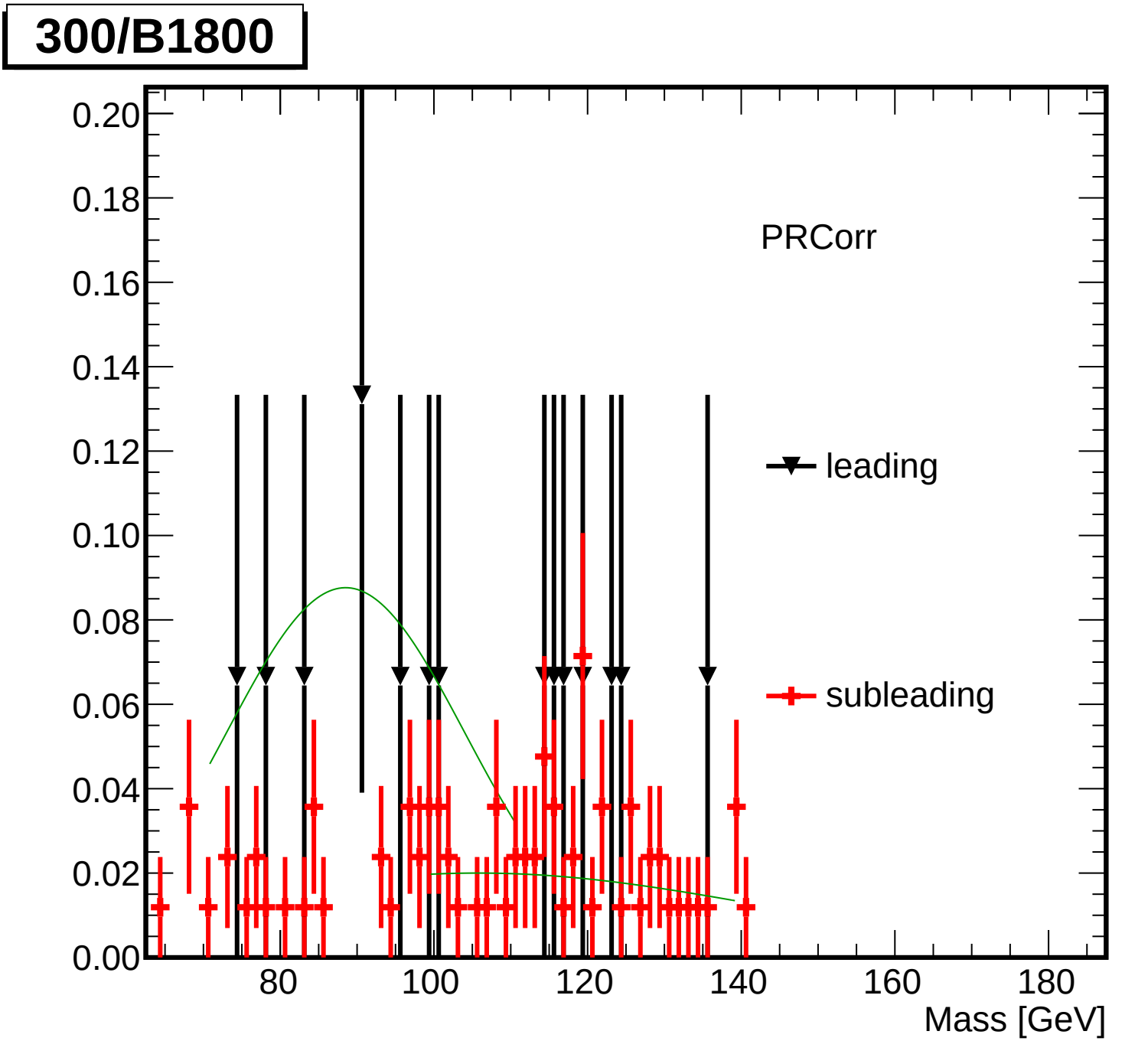

300/B1800, subleading jet
PR
Mean = -0.164
Sigma = 0.198
PRCorr
Mean = -0.131
Sigma = 0.257
AK8SD
Mean = -0.255
Sigma = 0.251
AK8SDCorrThea
Mean = -0.216
Sigma = 0.283
AK8SDHCorr
Mean = -0.281
Sigma = 0.209
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

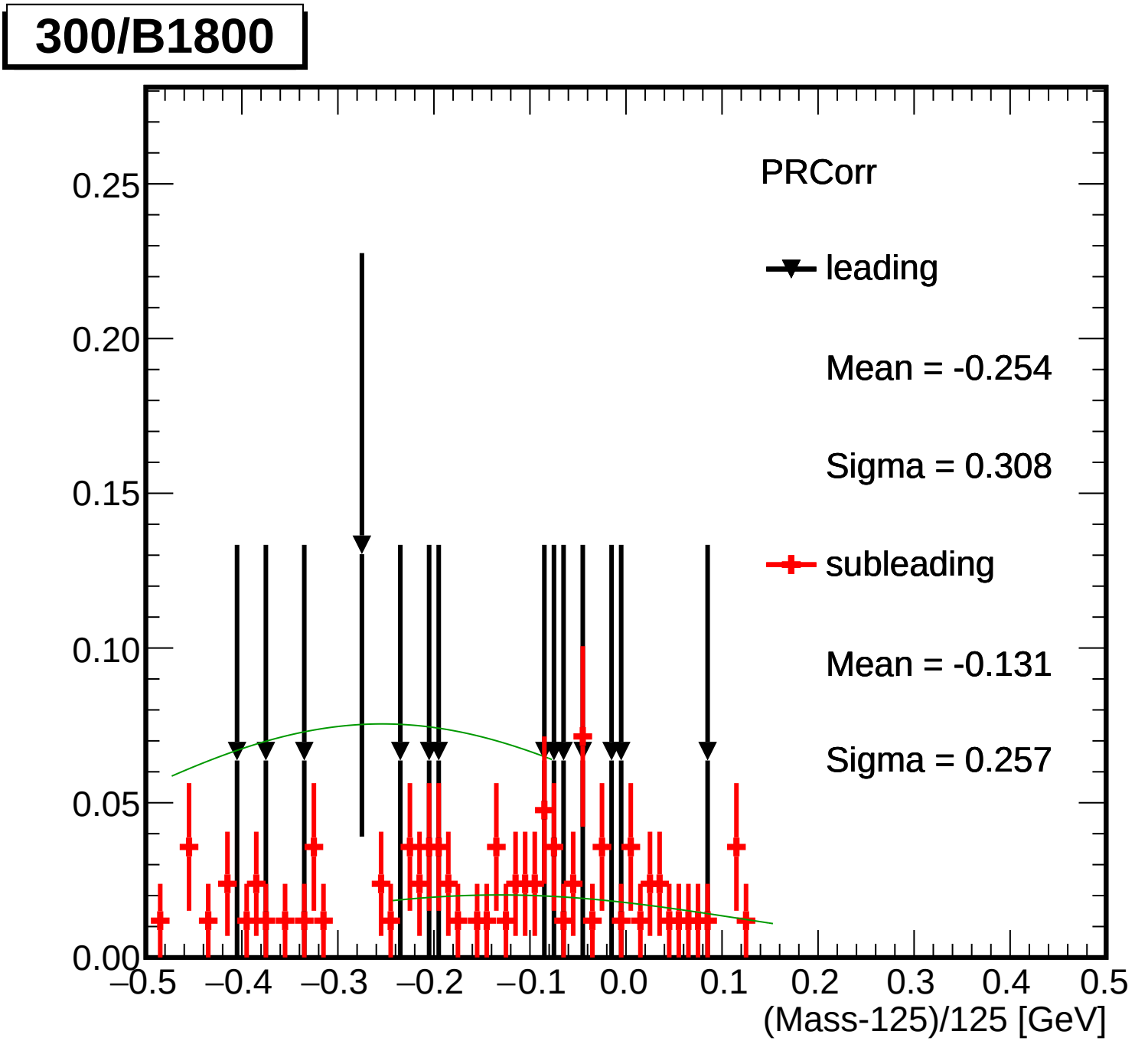

300/B1800, both jets
PR
PRCorrt
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

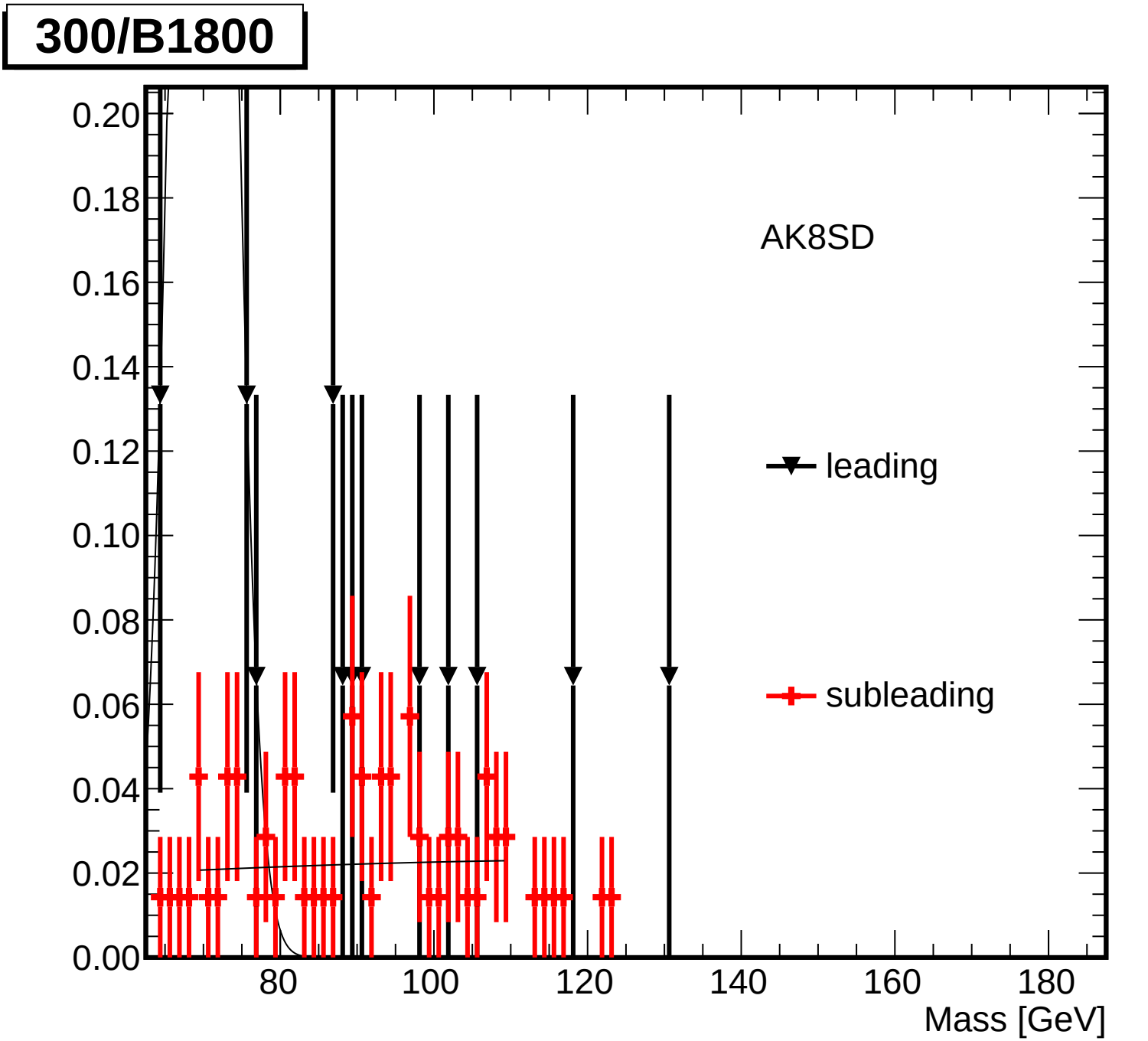

300/B1800, both jets
PR
Mean = -0.140
Sigma = 0.154
PRCorr
Mean = -0.091
Sigma = 0.205
AK8SD
Mean = -0.255
Sigma = 0.281
AK8SDCorrThea
Mean = -0.294
Sigma = 0.237
AK8SDHCorr
Mean = -0.269
Sigma = 0.208
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

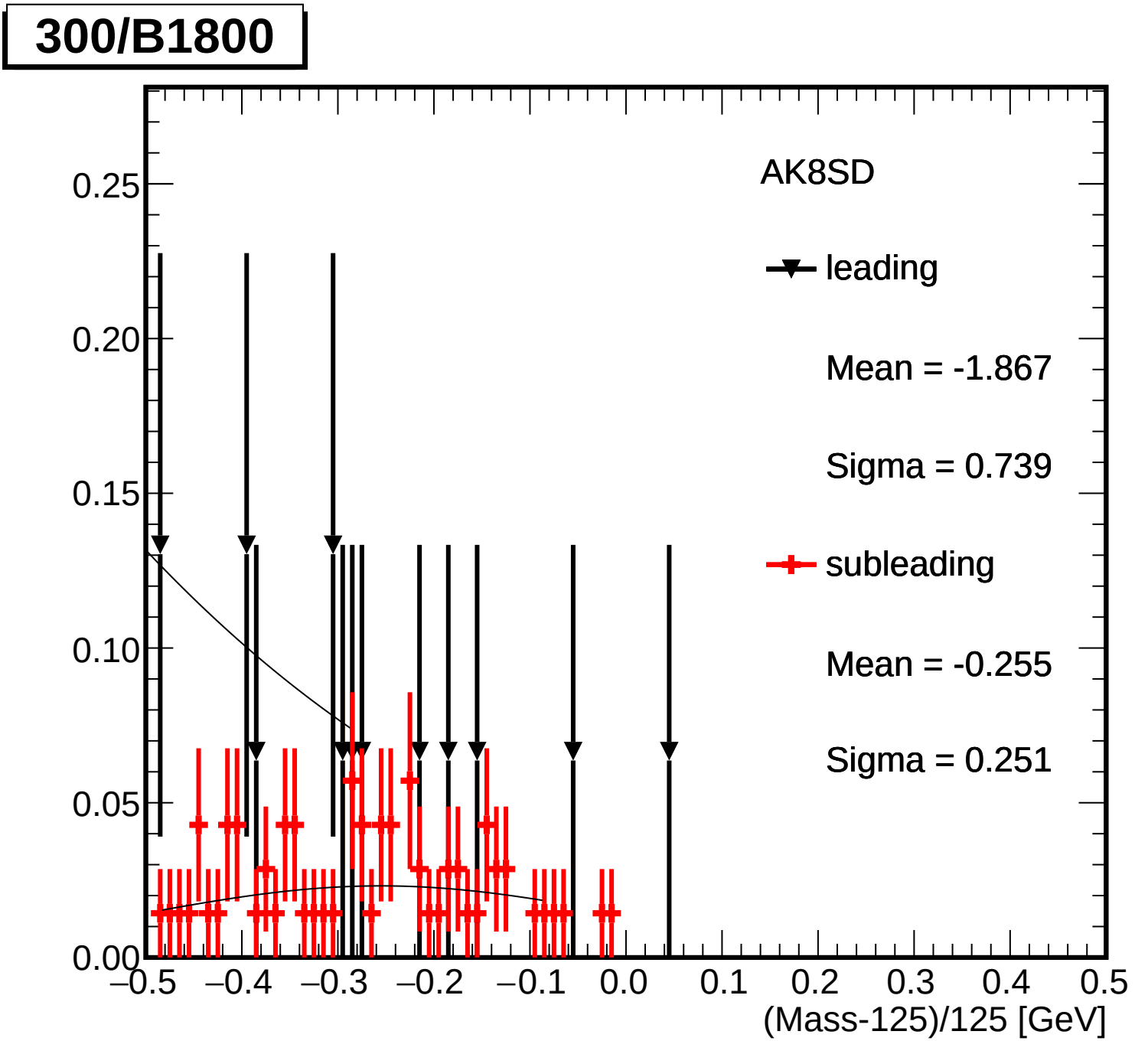

300/B1800
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

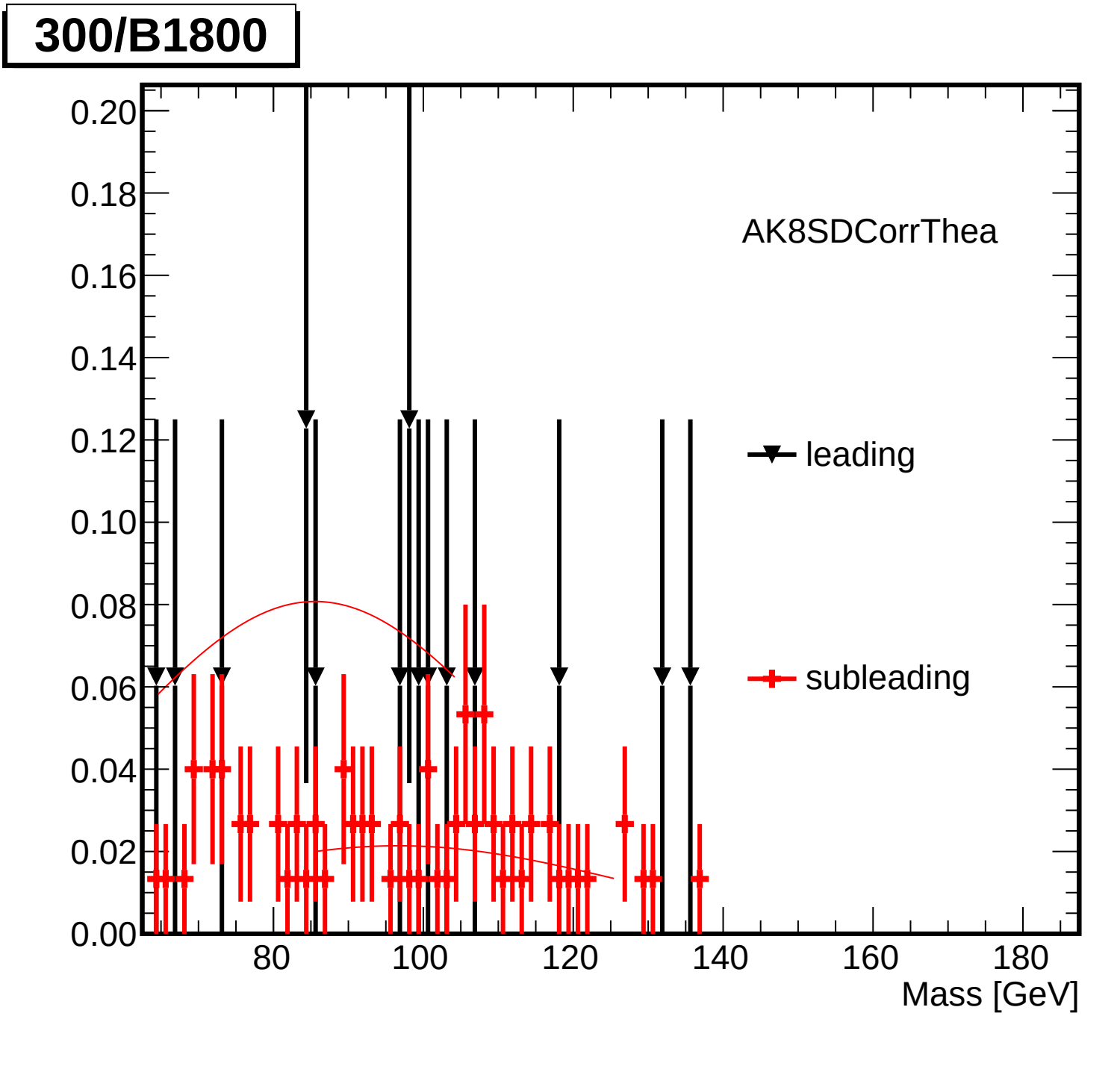

300/B1800
PR
leading
Mean = -0.287
Sigma = 0.295
subleading
Mean = -0.164
Sigma = 0.198
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

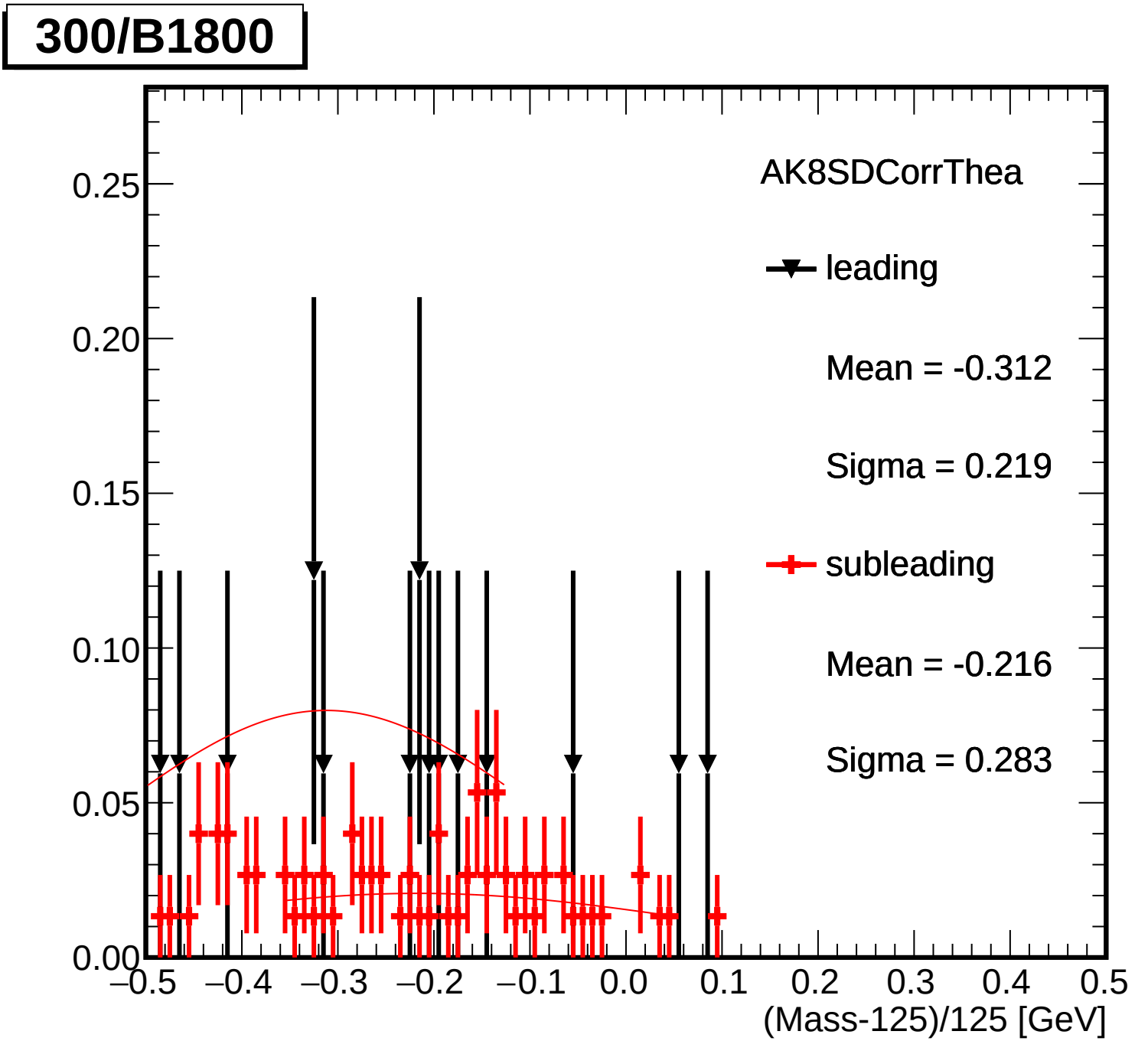

300/B1800
PRCorr
leading
subleading
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

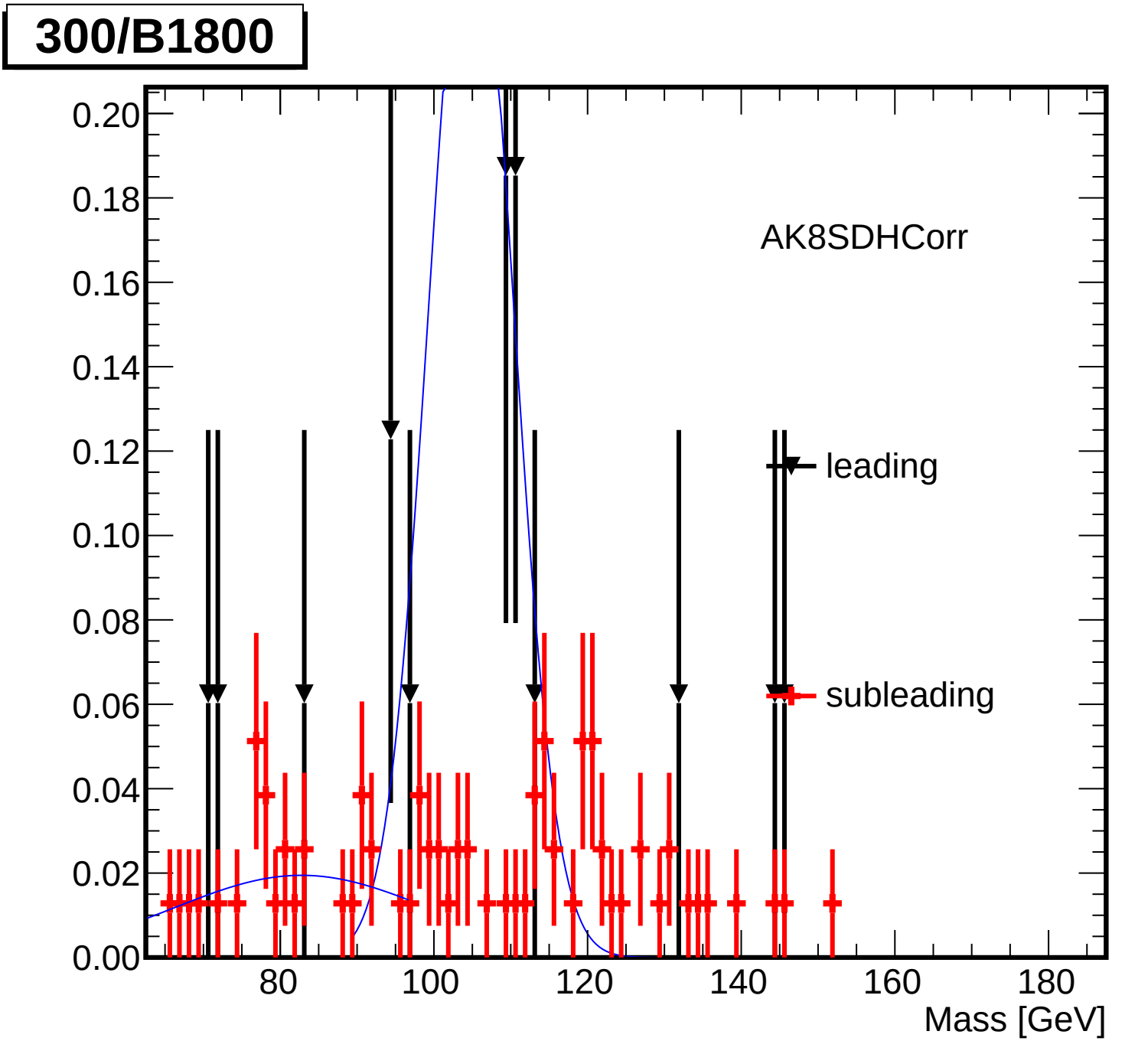

300/B1800
PRCorr
leading
Mean = -0.254
Sigma = 0.308
subleading
Mean = -0.131
Sigma = 0.257
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

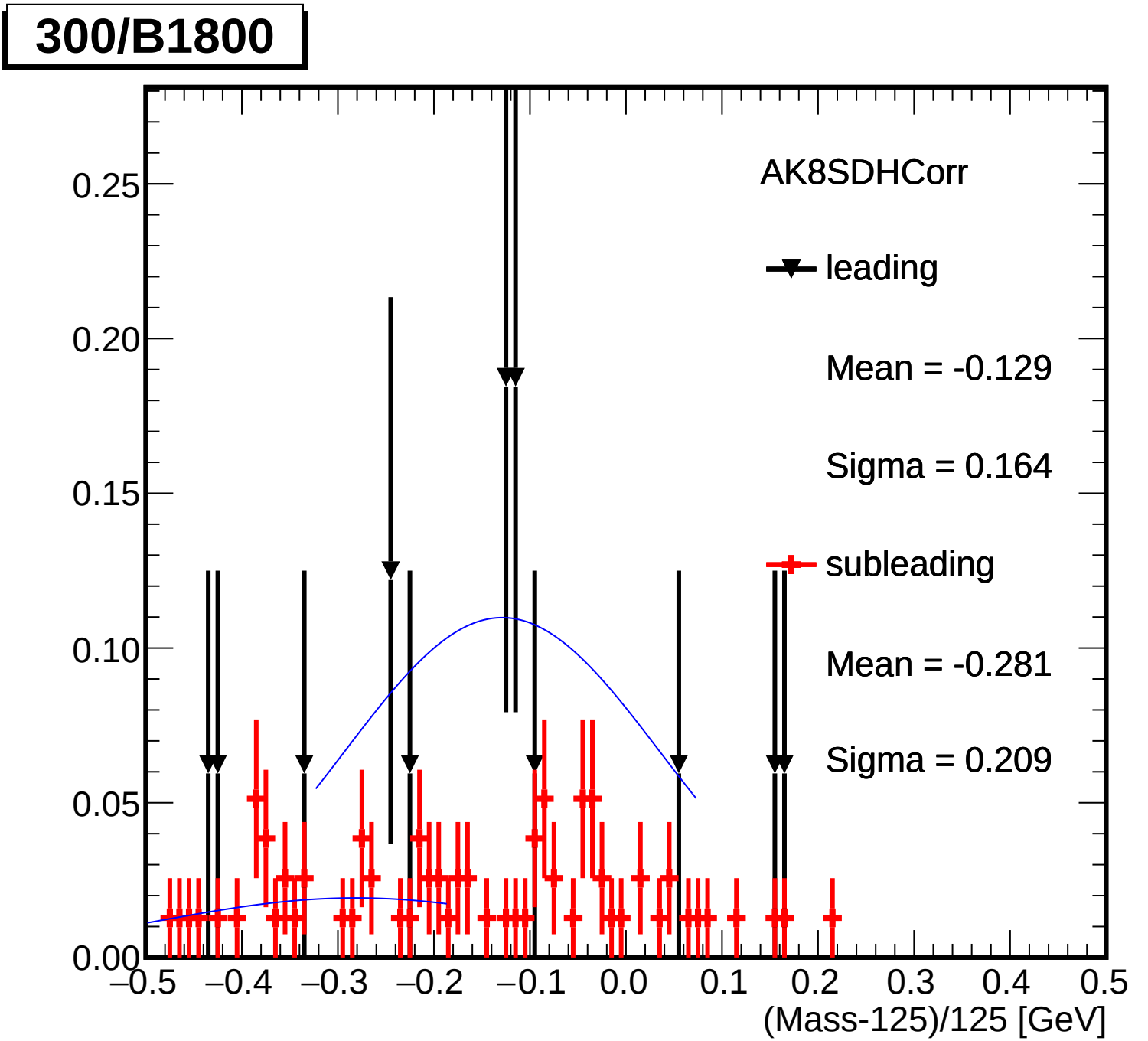

300/B1800
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


300/B1800
AK8SD
leading
Mean = -1.867
Sigma = 0.739
subleading
Mean = -0.255
Sigma = 0.251
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/B1800
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]
AK8SDCorrThea
leading
subleading


300/B1800
AK8SDCorrThea
leading
Mean = -0.312
Sigma = 0.219
subleading
Mean = -0.216
Sigma = 0.283
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/B1800
AK8SDHCorr
leading
subleading
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]


300/B1800
AK8SDHCorr
leading
Mean = -0.129
Sigma = 0.164
subleading
Mean = -0.281
Sigma = 0.209
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]