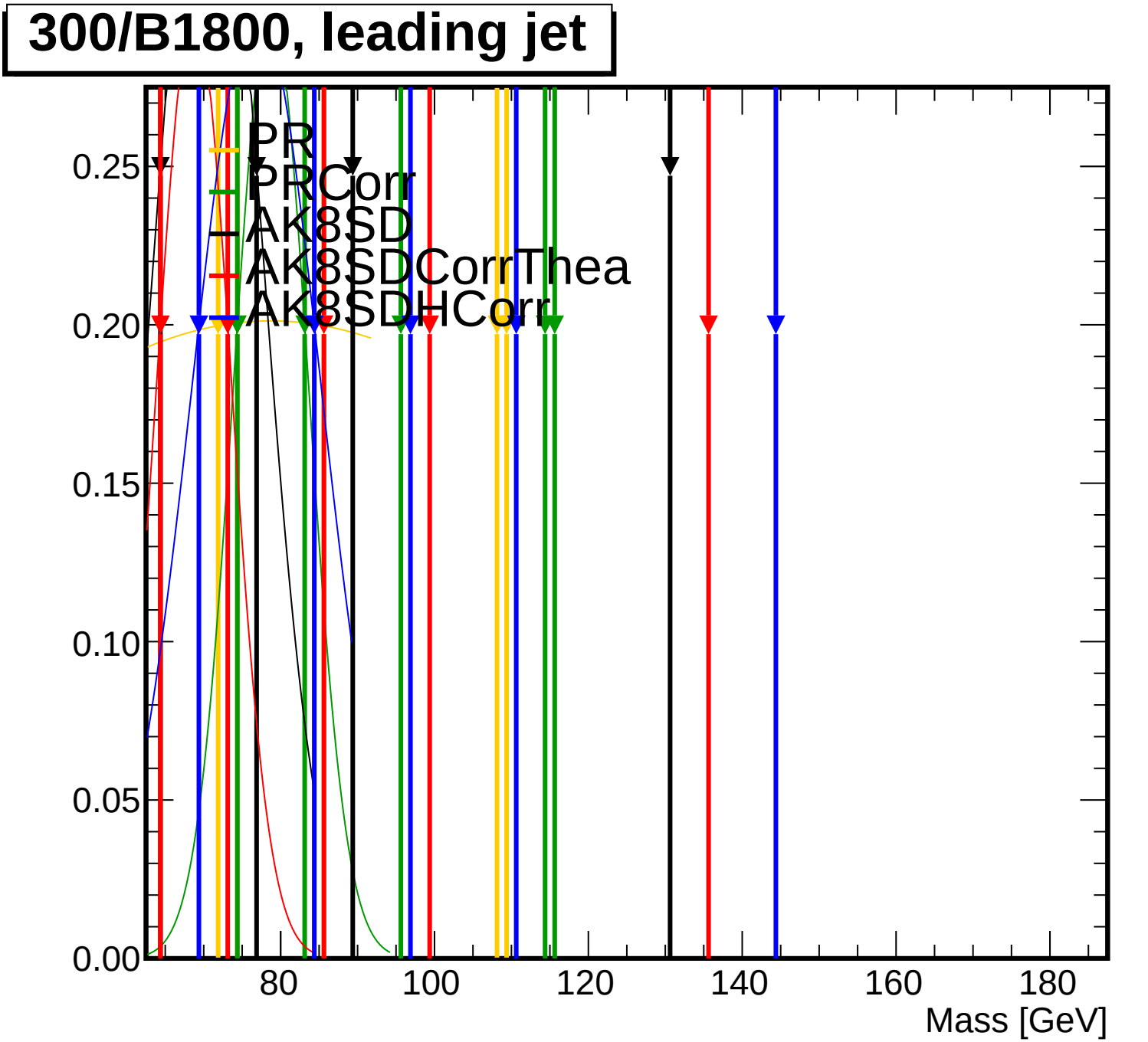
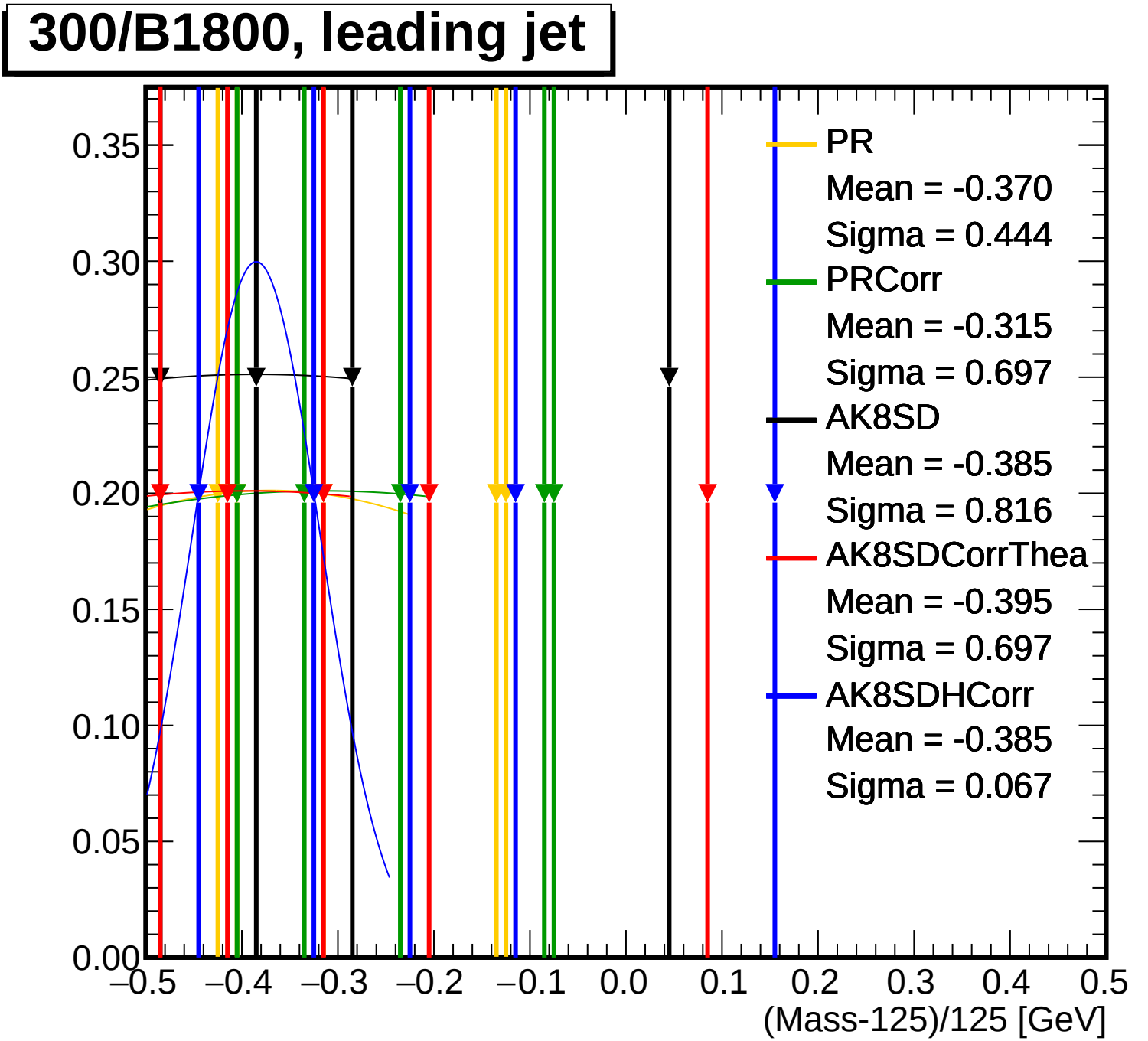
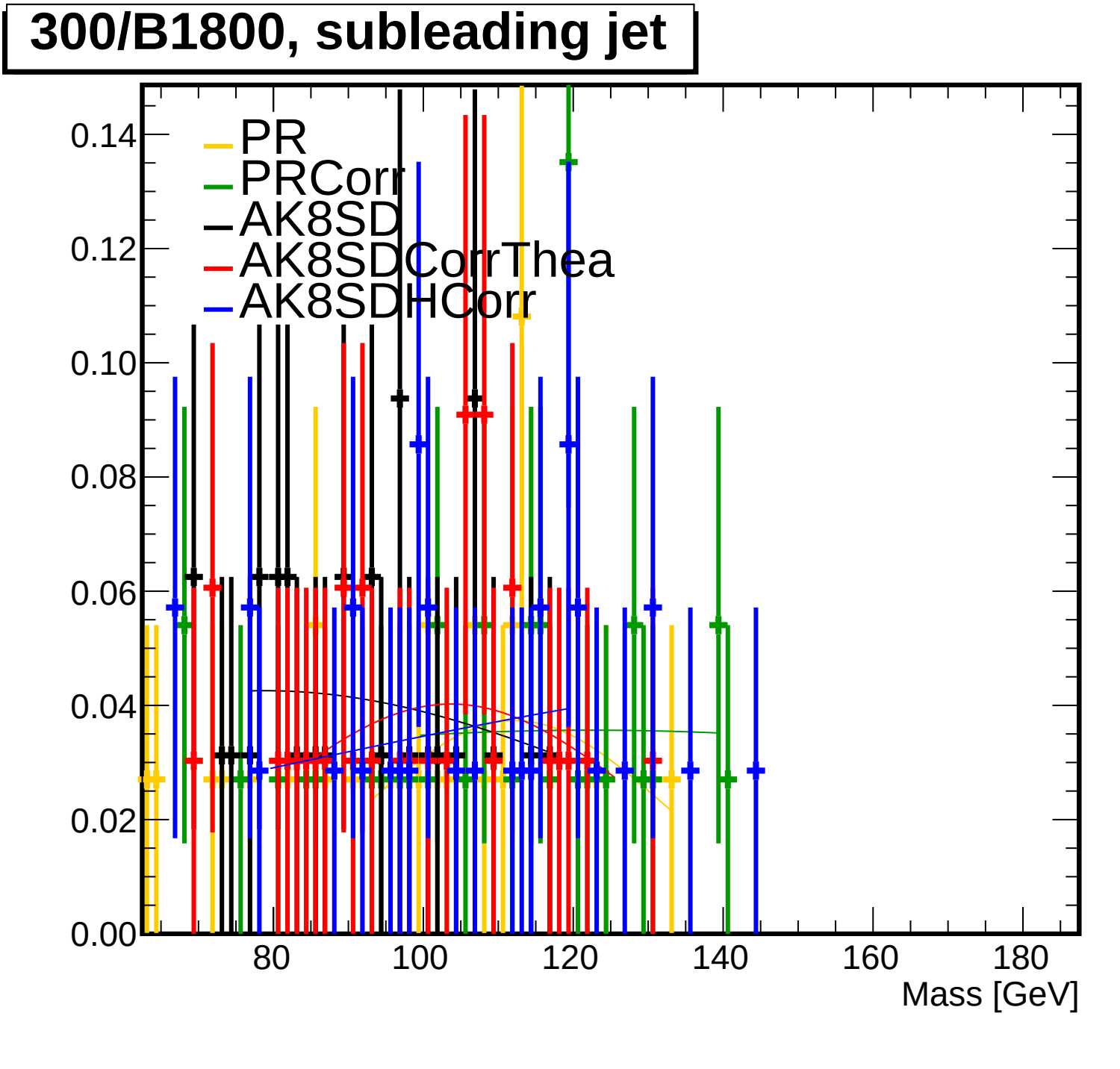
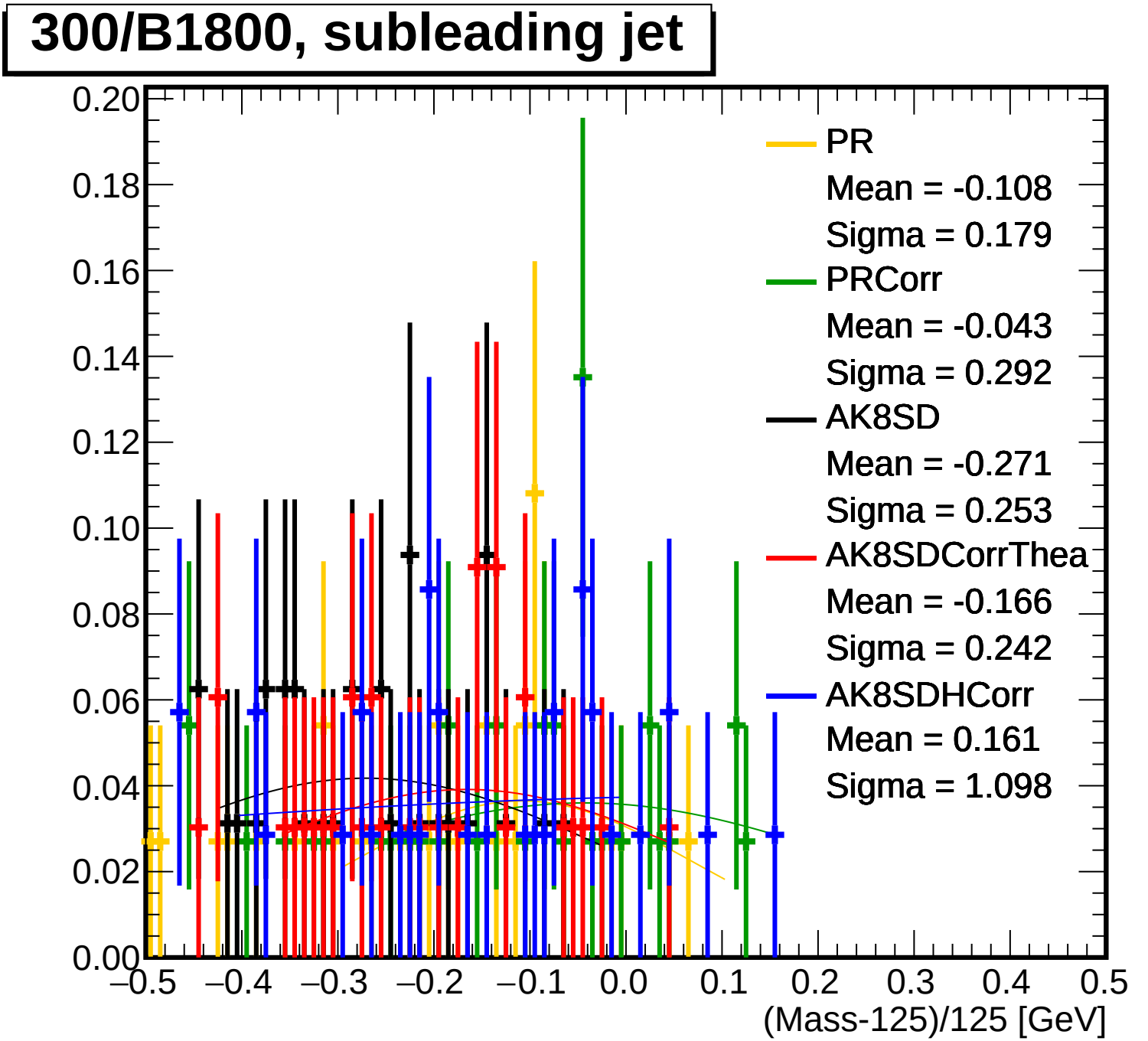
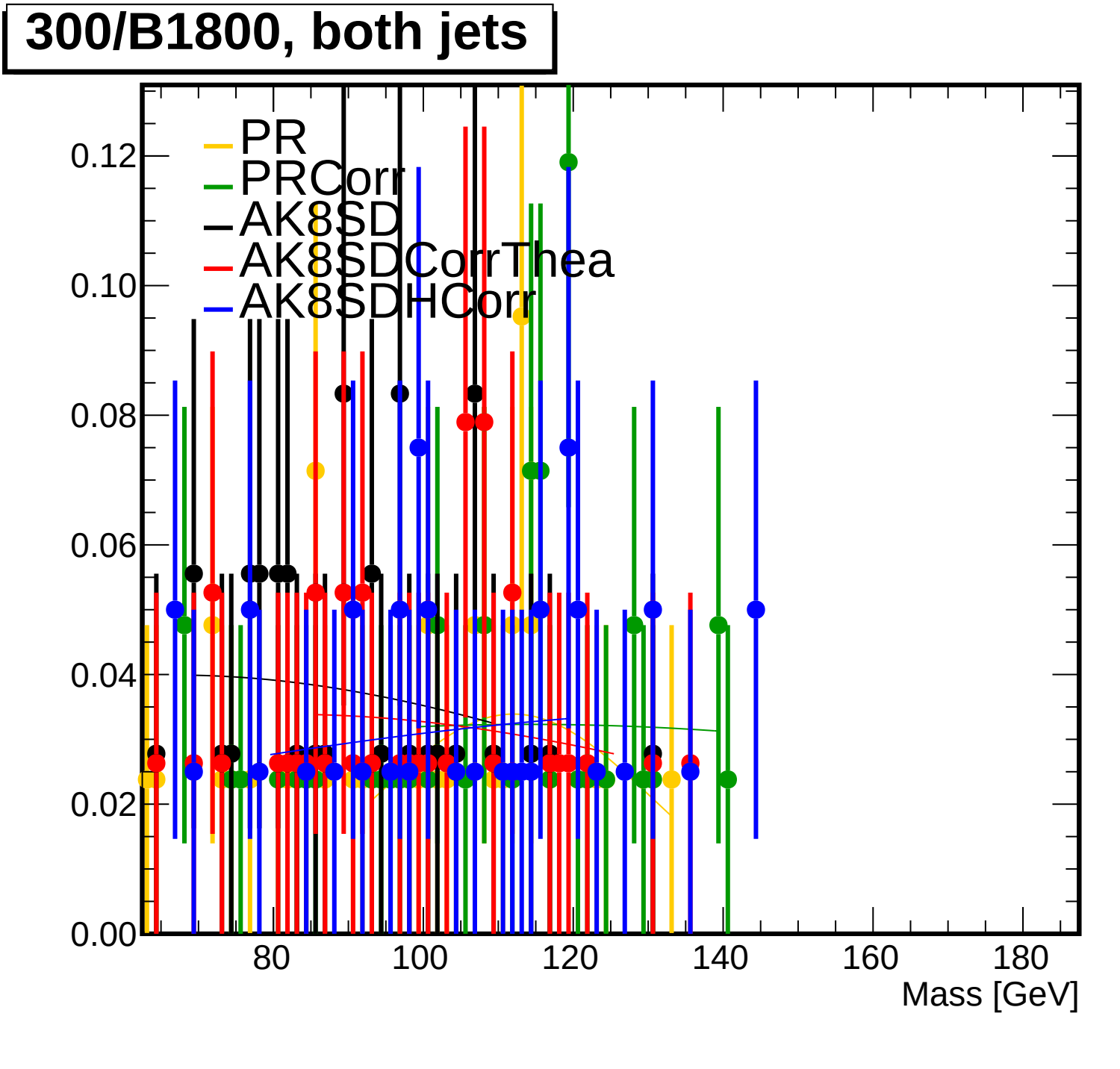
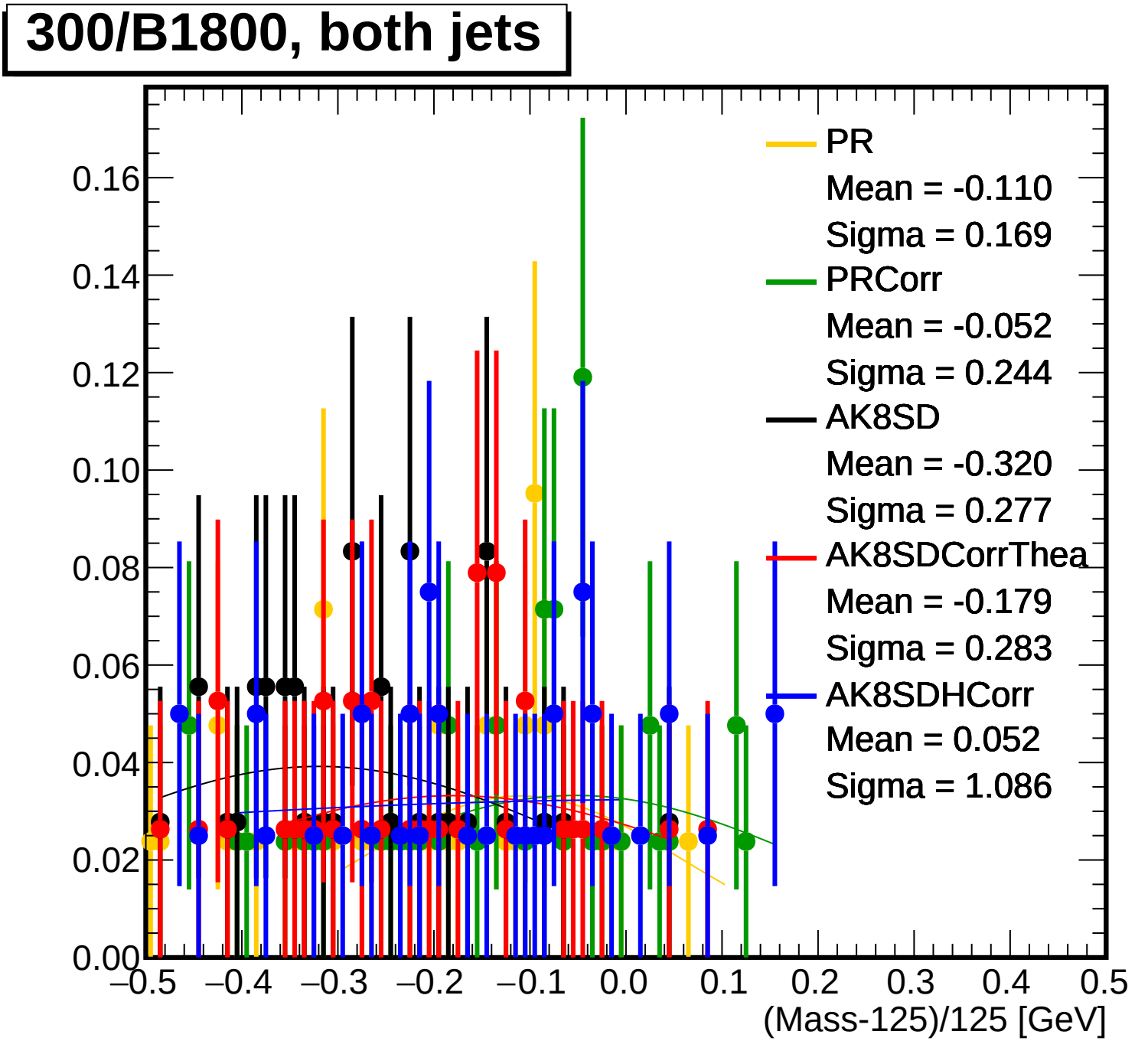

300/B1800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

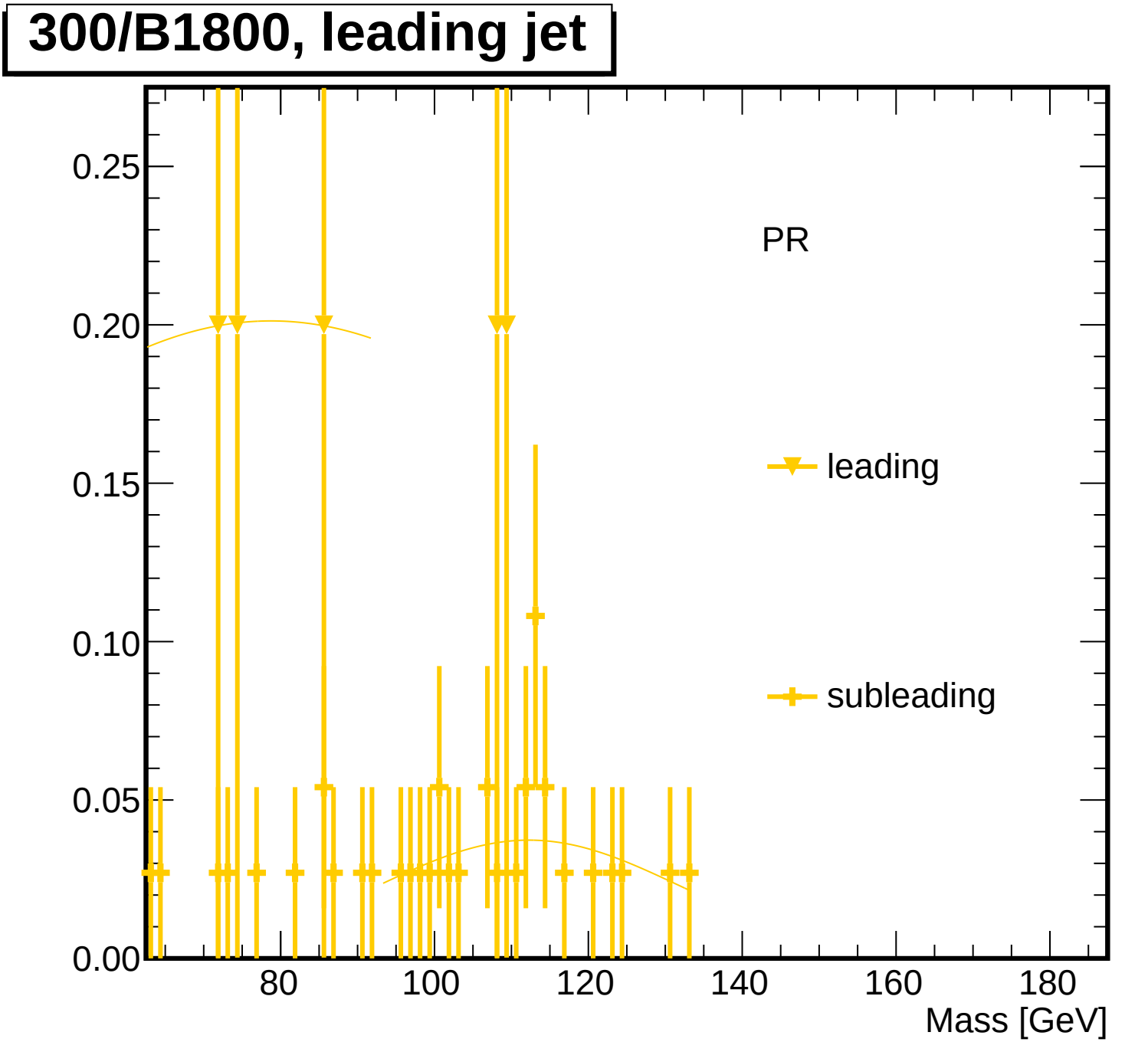

300/B1800, leading jet
PR
Mean = -0.370
Sigma = 0.444
PRCorr
Mean = -0.315
Sigma = 0.697
AK8SD
Mean = -0.385
Sigma = 0.816
AK8SDCorrThea
Mean = -0.395
Sigma = 0.697
AK8SDHCorr
Mean = -0.385
Sigma = 0.067
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

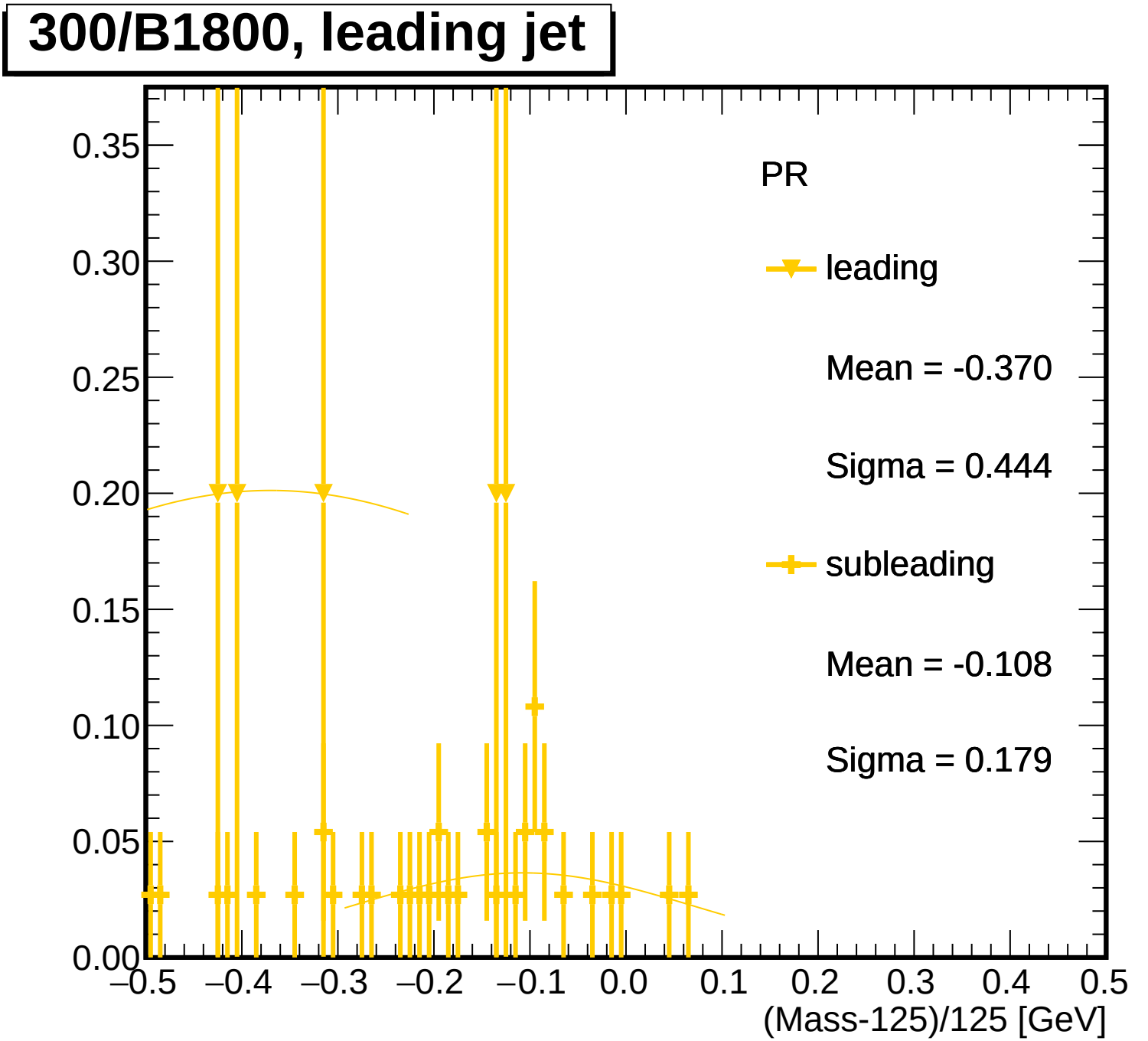

300/B1800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

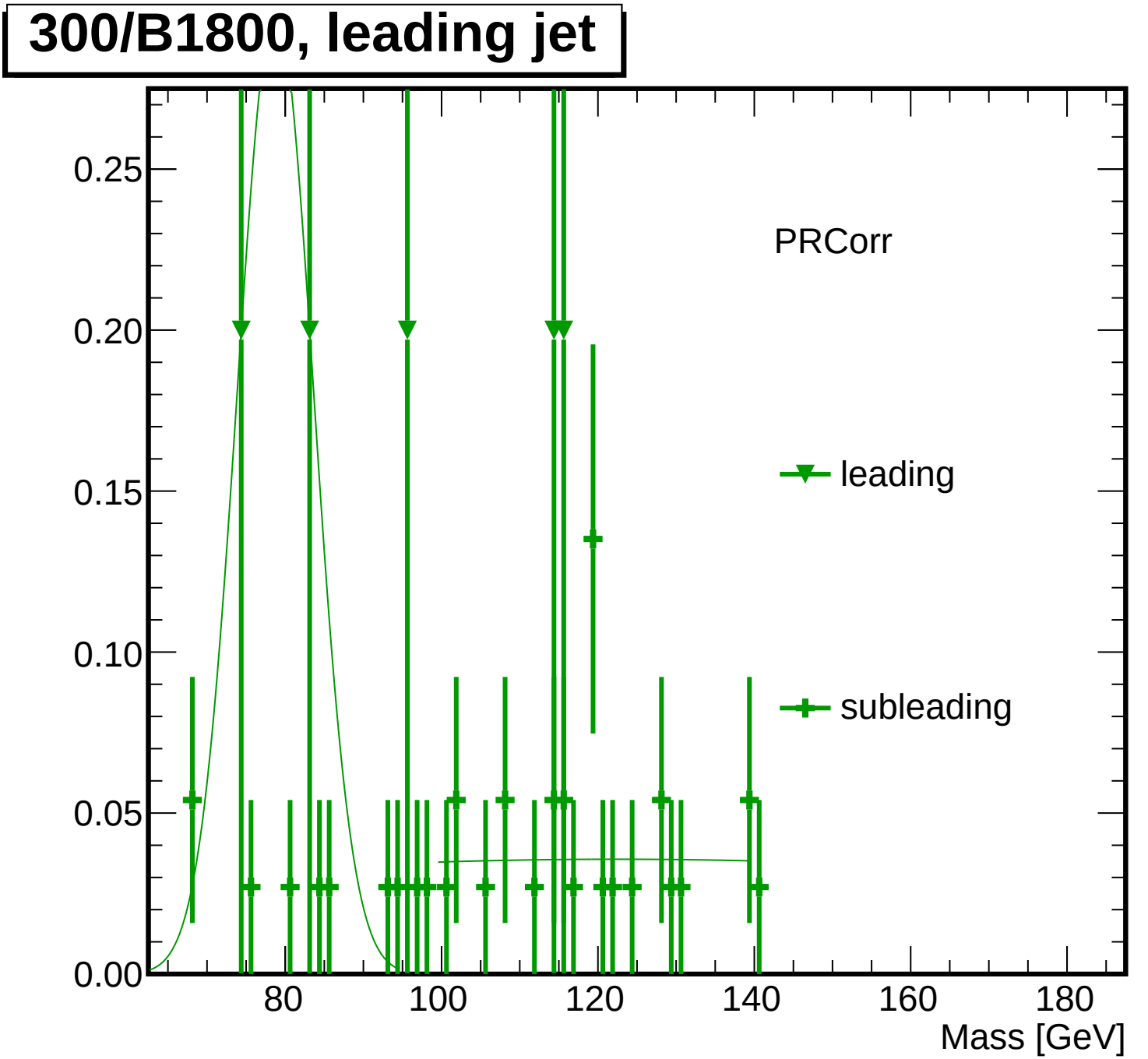

300/B1800, subleading jet
PR
Mean = -0.108
Sigma = 0.179
PRCorr
Mean = -0.043
Sigma = 0.292
AK8SD
Mean = -0.271
Sigma = 0.253
AK8SDCorrThea
Mean = -0.166
Sigma = 0.242
AK8SDHCorr
Mean = 0.161
Sigma = 1.098
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

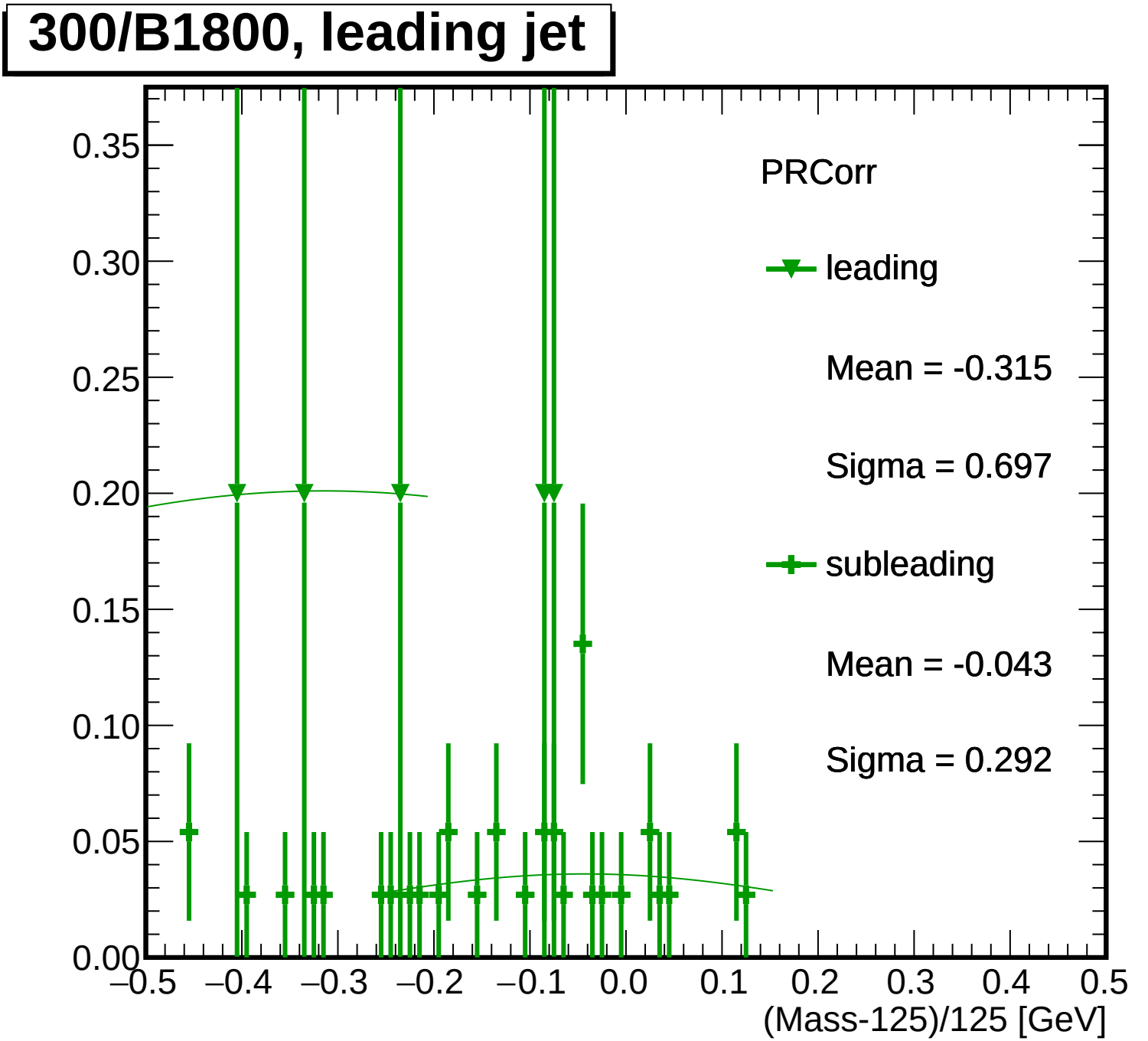

300/B1800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

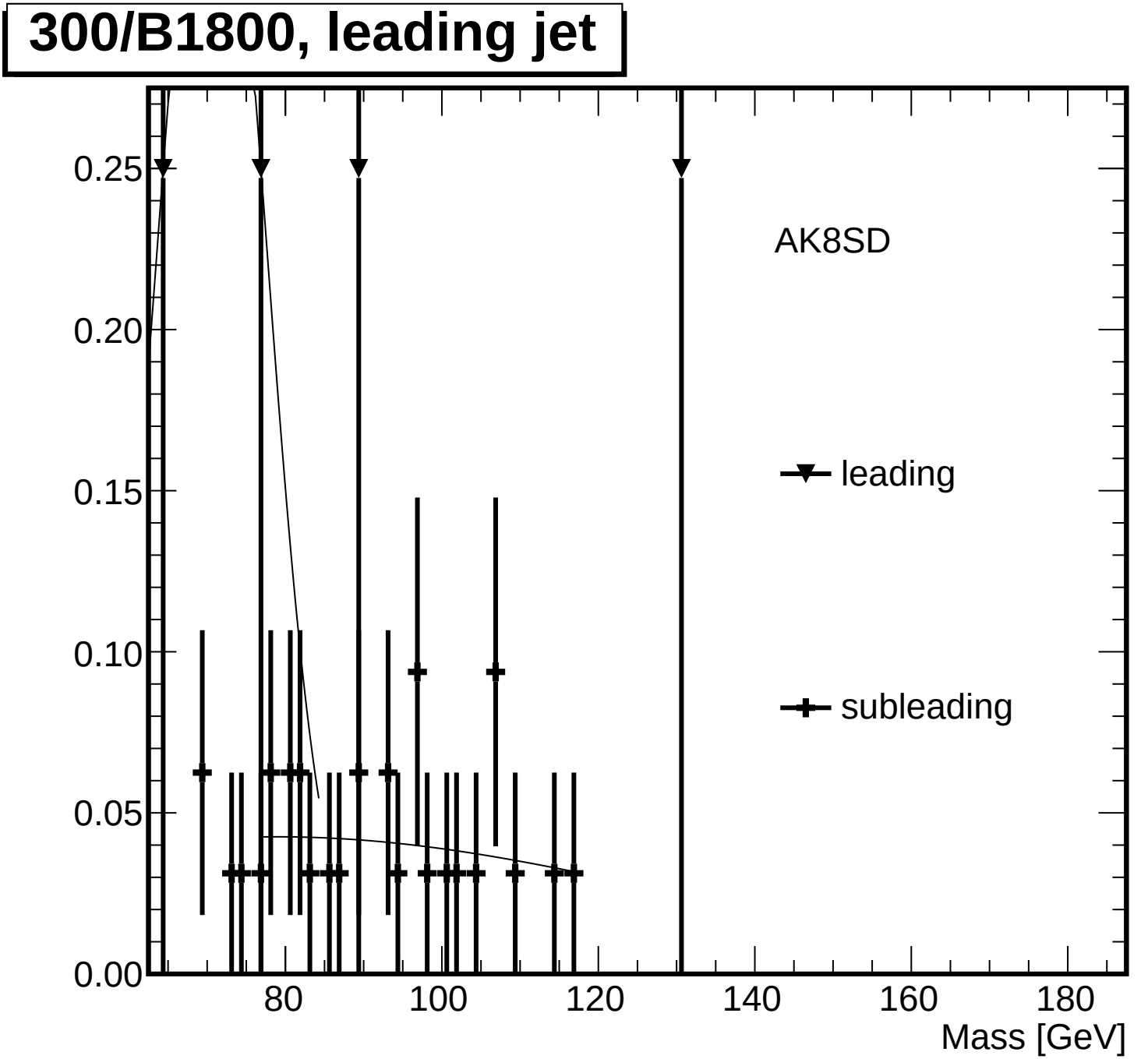

300/B1800, both jets
PR
Mean = -0.110
Sigma = 0.169
PRCorr
Mean = -0.052
Sigma = 0.244
AK8SD
Mean = -0.320
Sigma = 0.277
AK8SDCorrThea
Mean = -0.179
Sigma = 0.283
AK8SDHCorr
Mean = 0.052
Sigma = 1.086
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

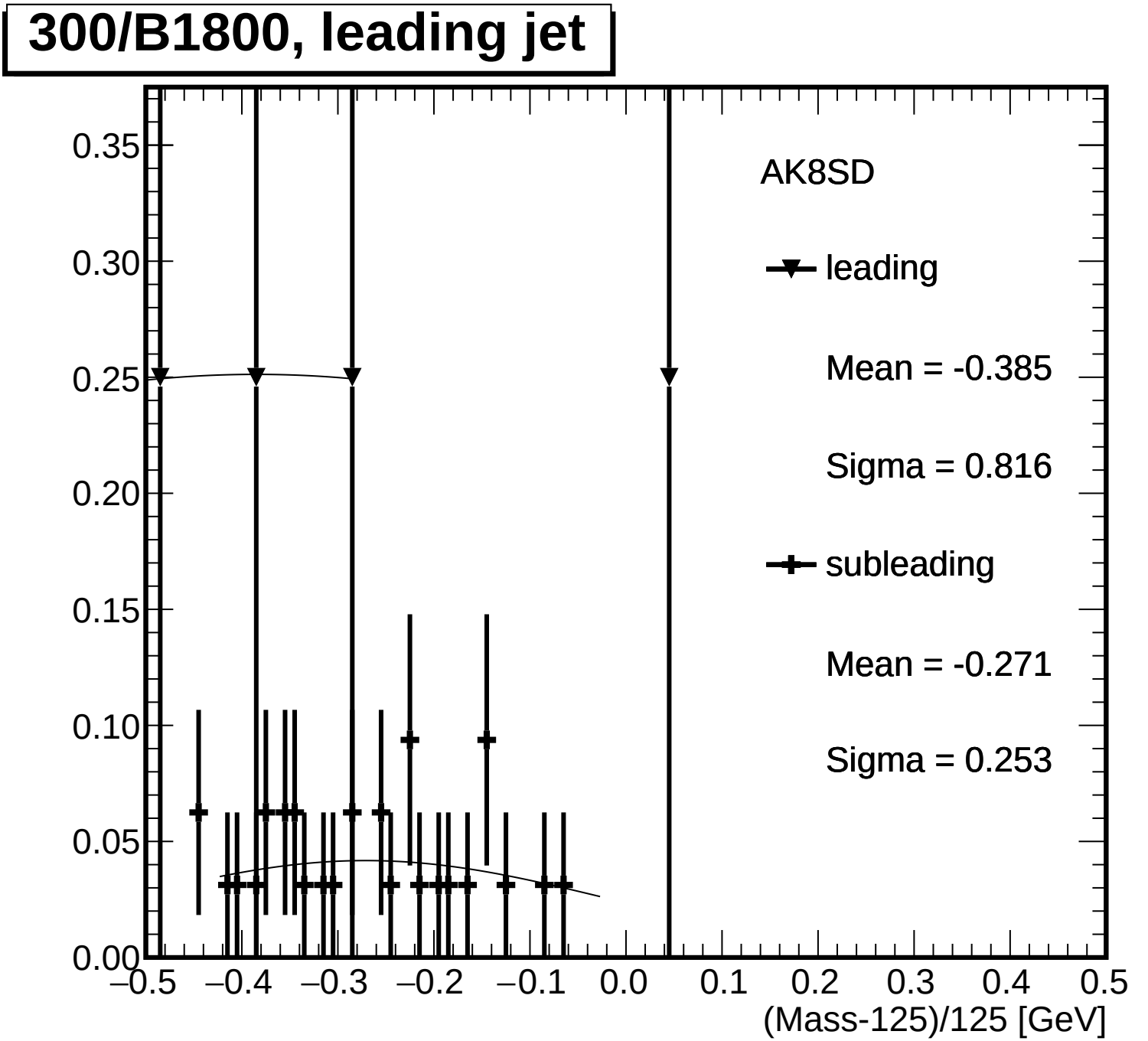

300/B1800, leading jet
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

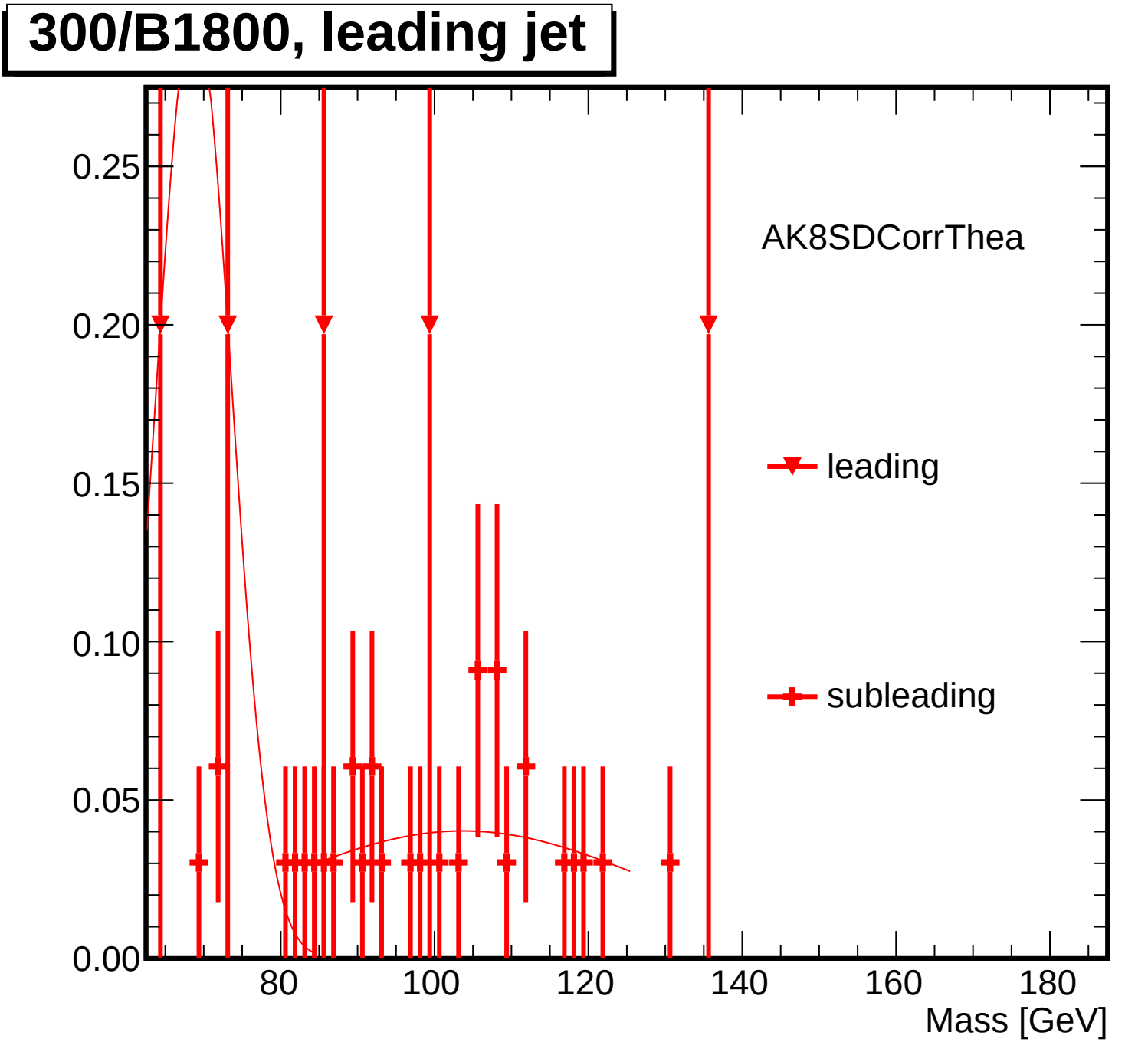

300/B1800, leading jet
PR
leading
Mean = -0.370
Sigma = 0.444
subleading
Mean = -0.108
Sigma = 0.179
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

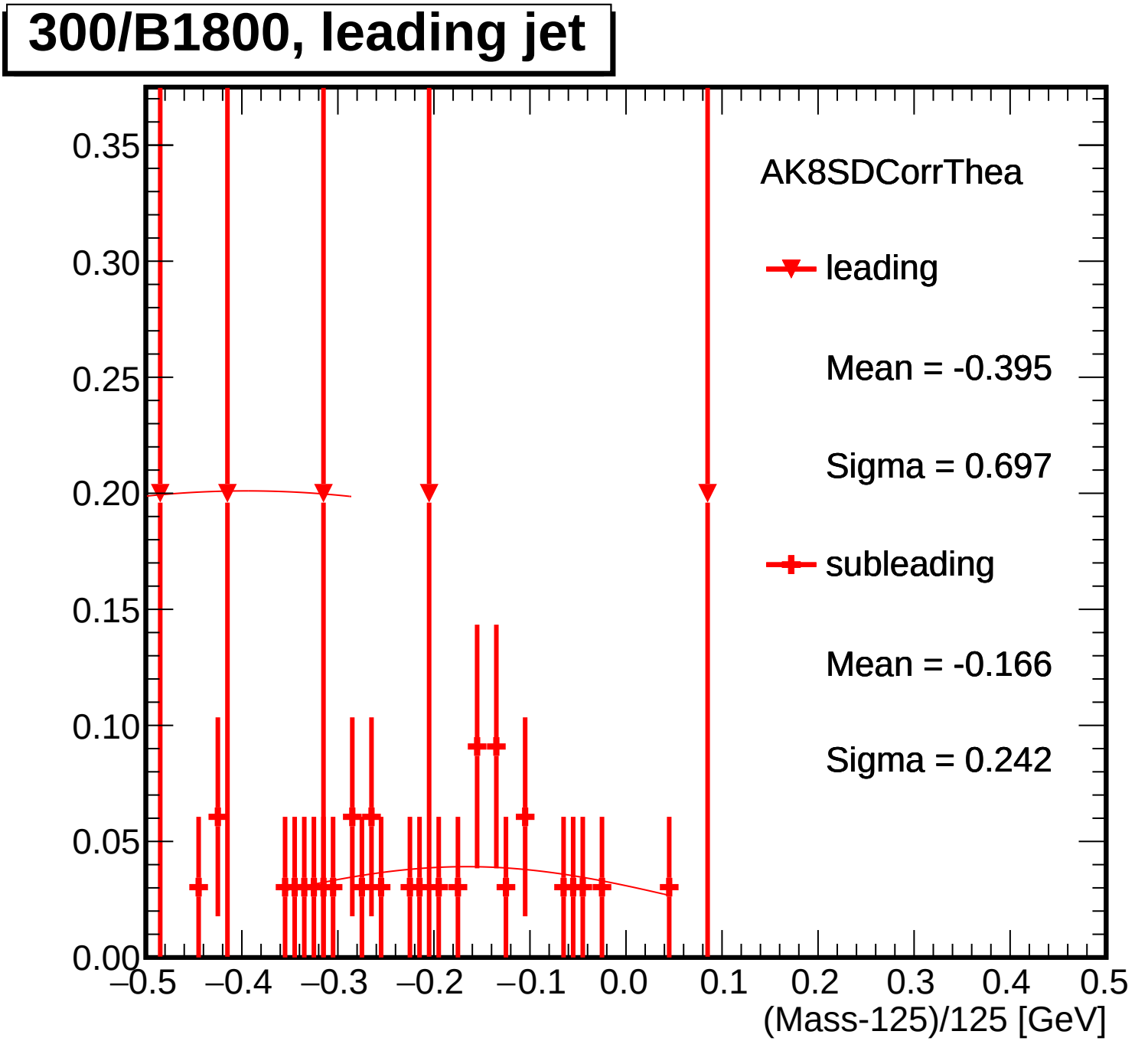

300/B1800, leading jet
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

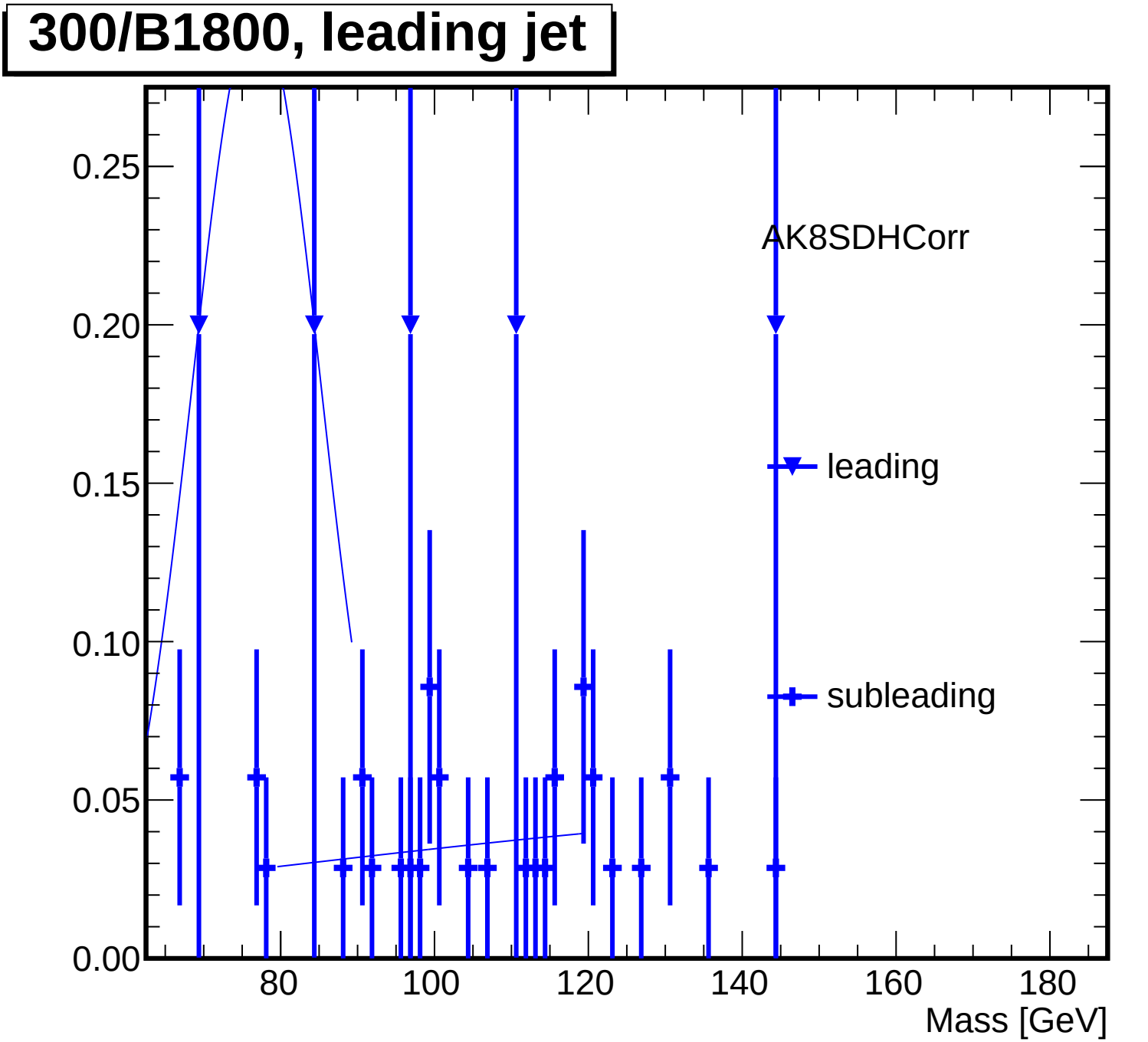

300/B1800, leading jet
PRCorr
leading
Mean = -0.315
Sigma = 0.697
subleading
Mean = -0.043
Sigma = 0.292
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

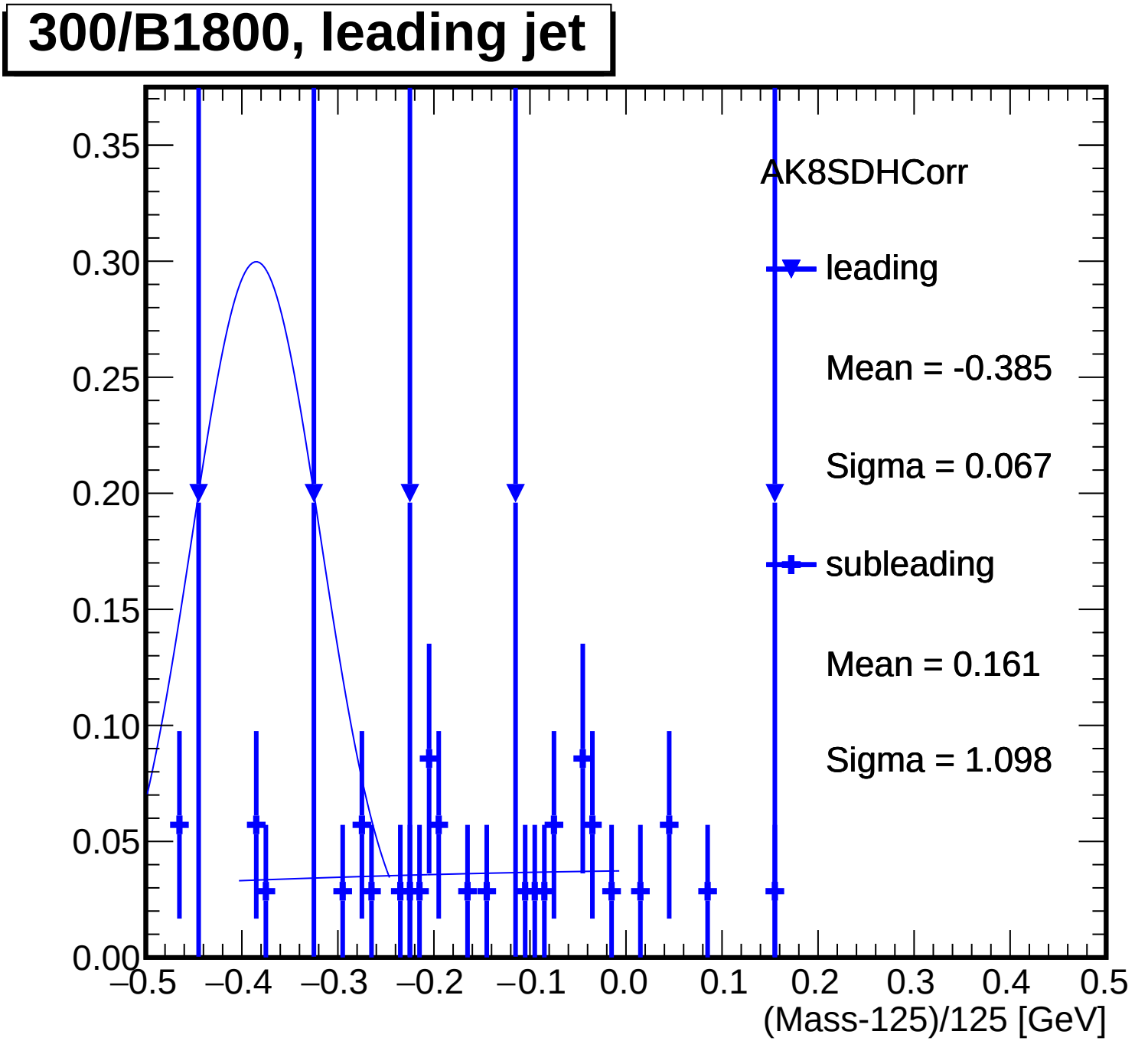

300/B1800, leading jet
AK8SD
leading
subleading
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]


300/B1800, leading jet
AK8SD
leading
Mean = -0.385
Sigma = 0.816
subleading
Mean = -0.271
Sigma = 0.253
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/B1800, leading jet
AK8SDCorrThea
leading
subleading
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]


300/B1800, leading jet
AK8SDCorrThea
leading
Mean = -0.395
Sigma = 0.697
subleading
Mean = -0.166
Sigma = 0.242
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/B1800, leading jet
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDHCorr
leading
subleading


300/B1800, leading jet
AK8SDHCorr
leading
Mean = -0.385
Sigma = 0.067
subleading
Mean = 0.161
Sigma = 1.098
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]