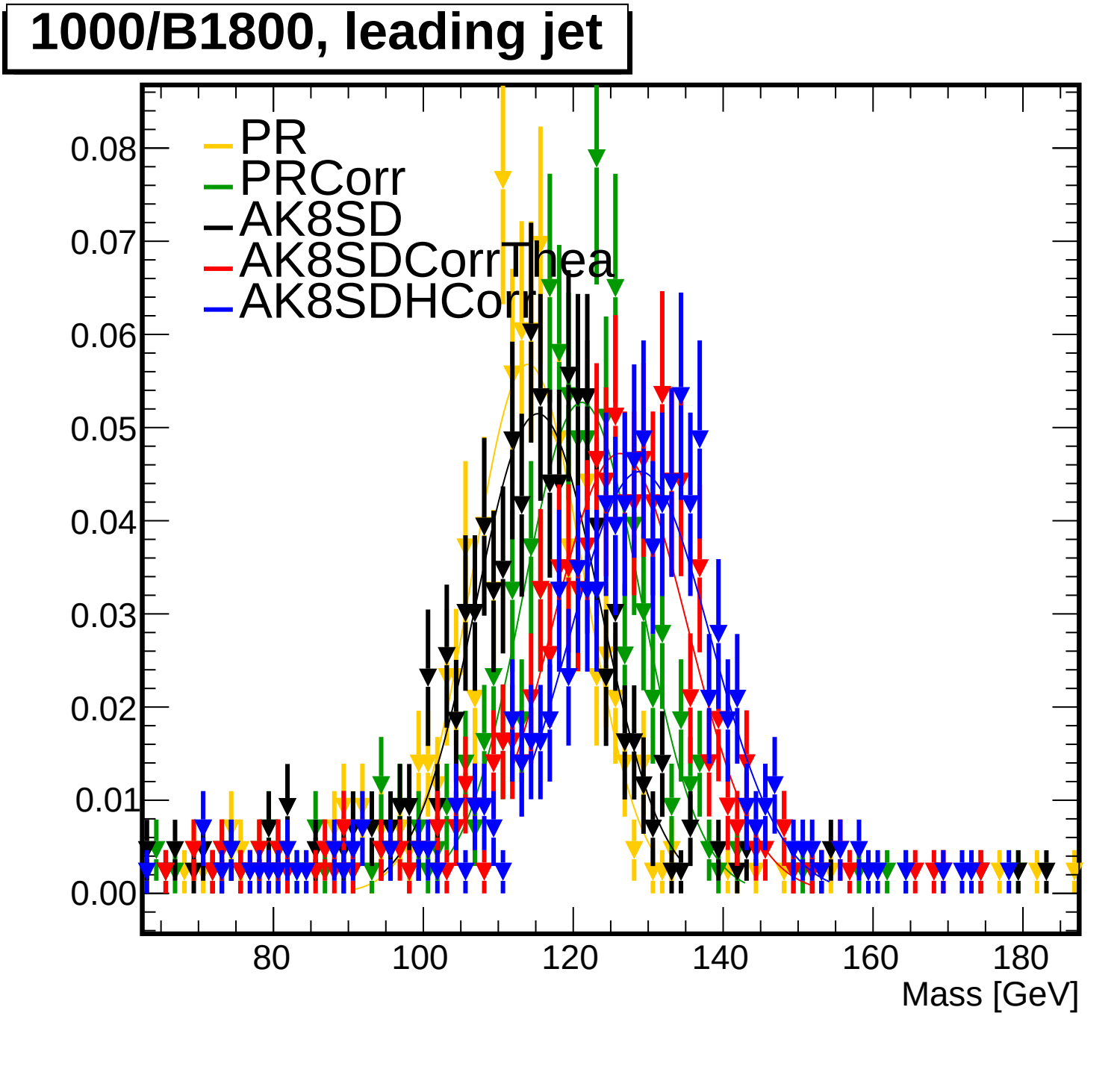
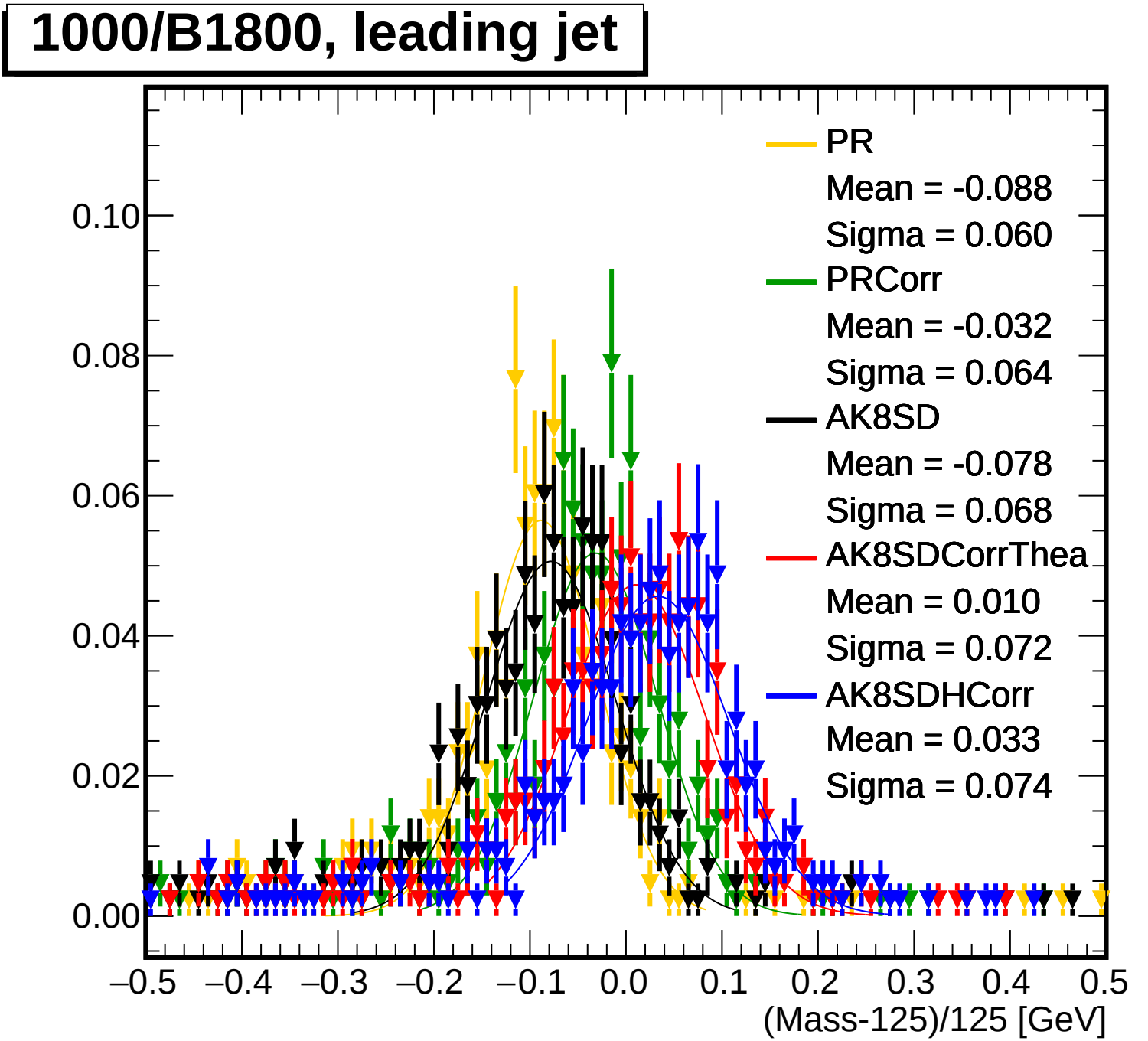
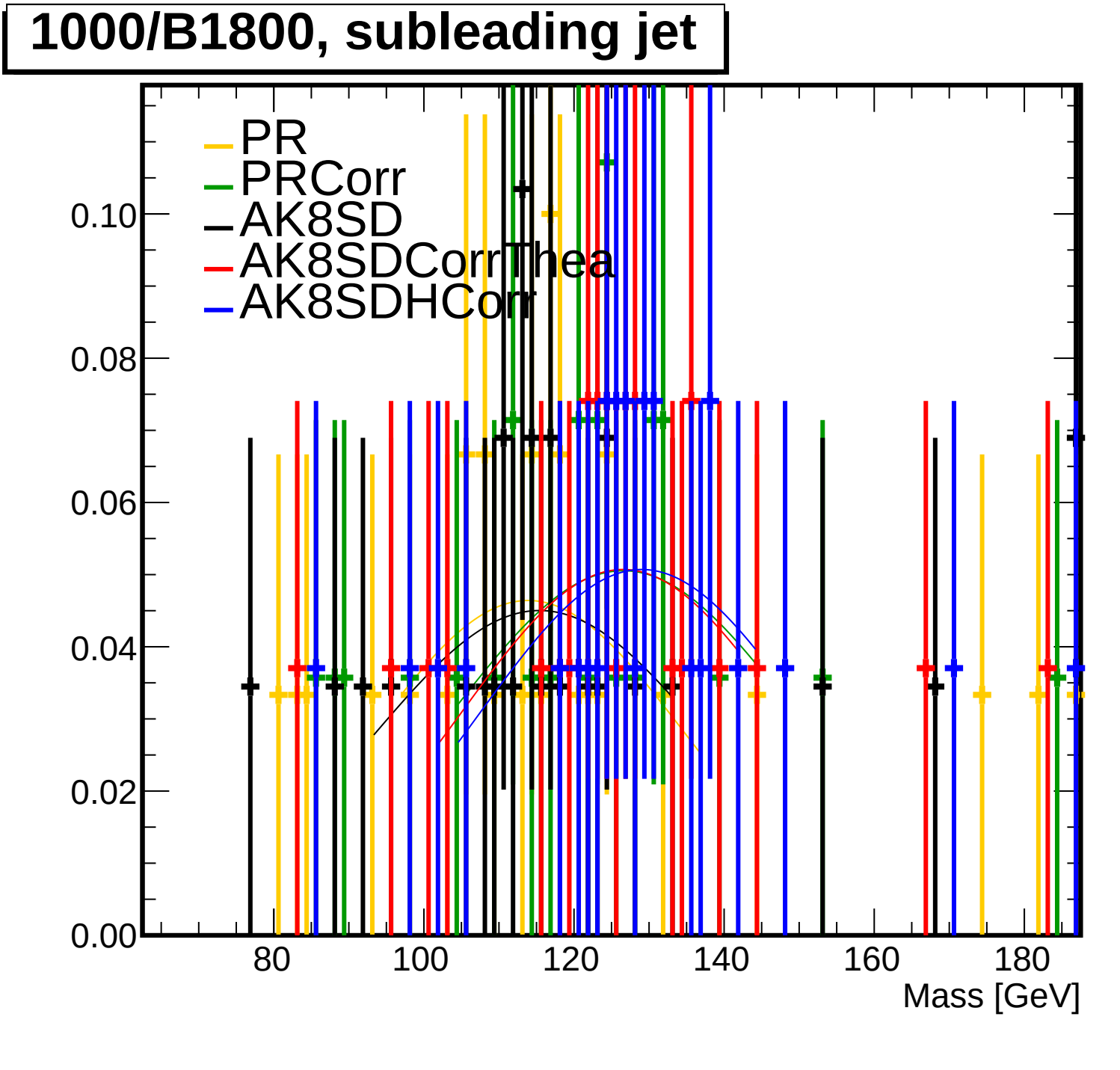
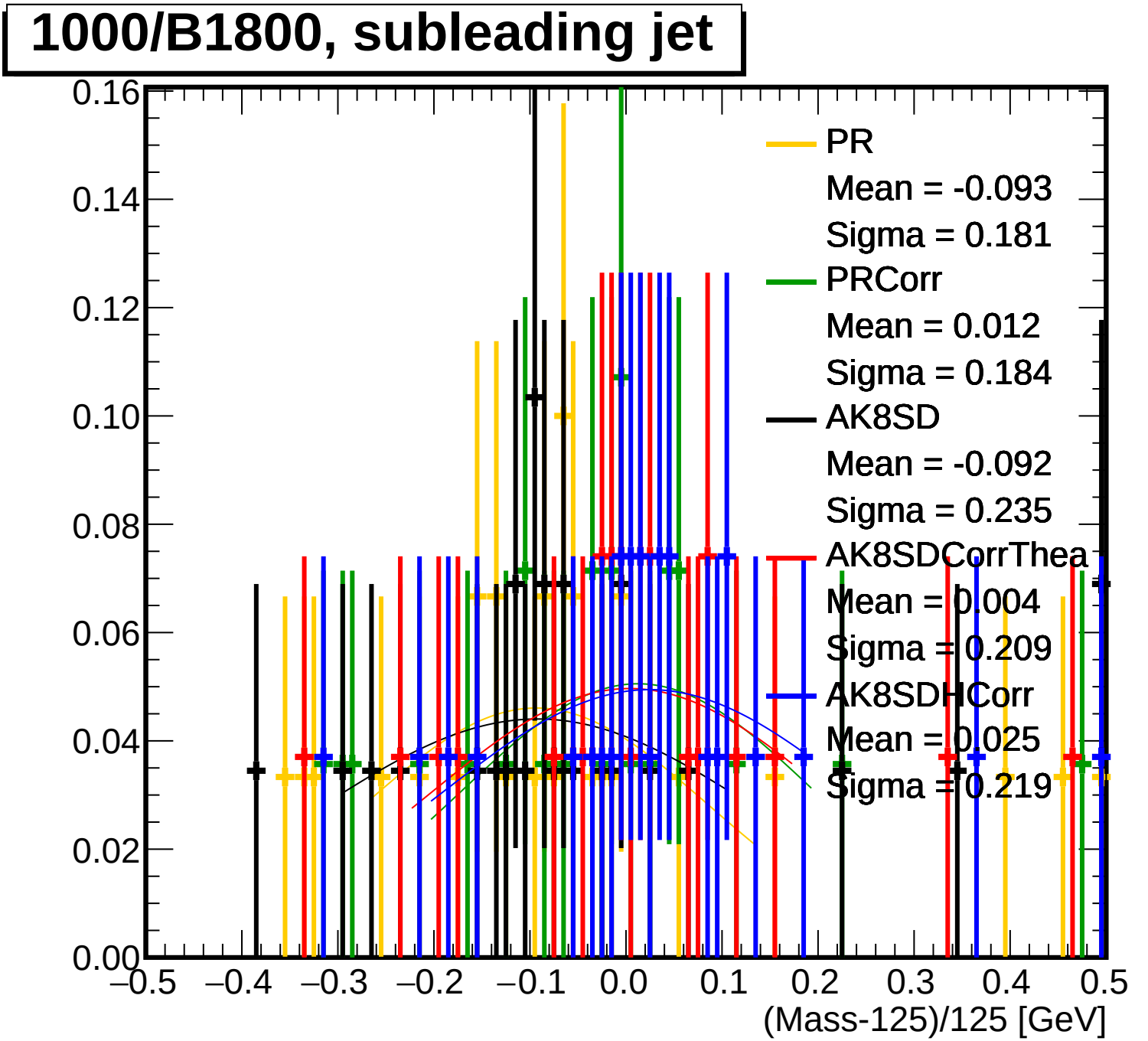
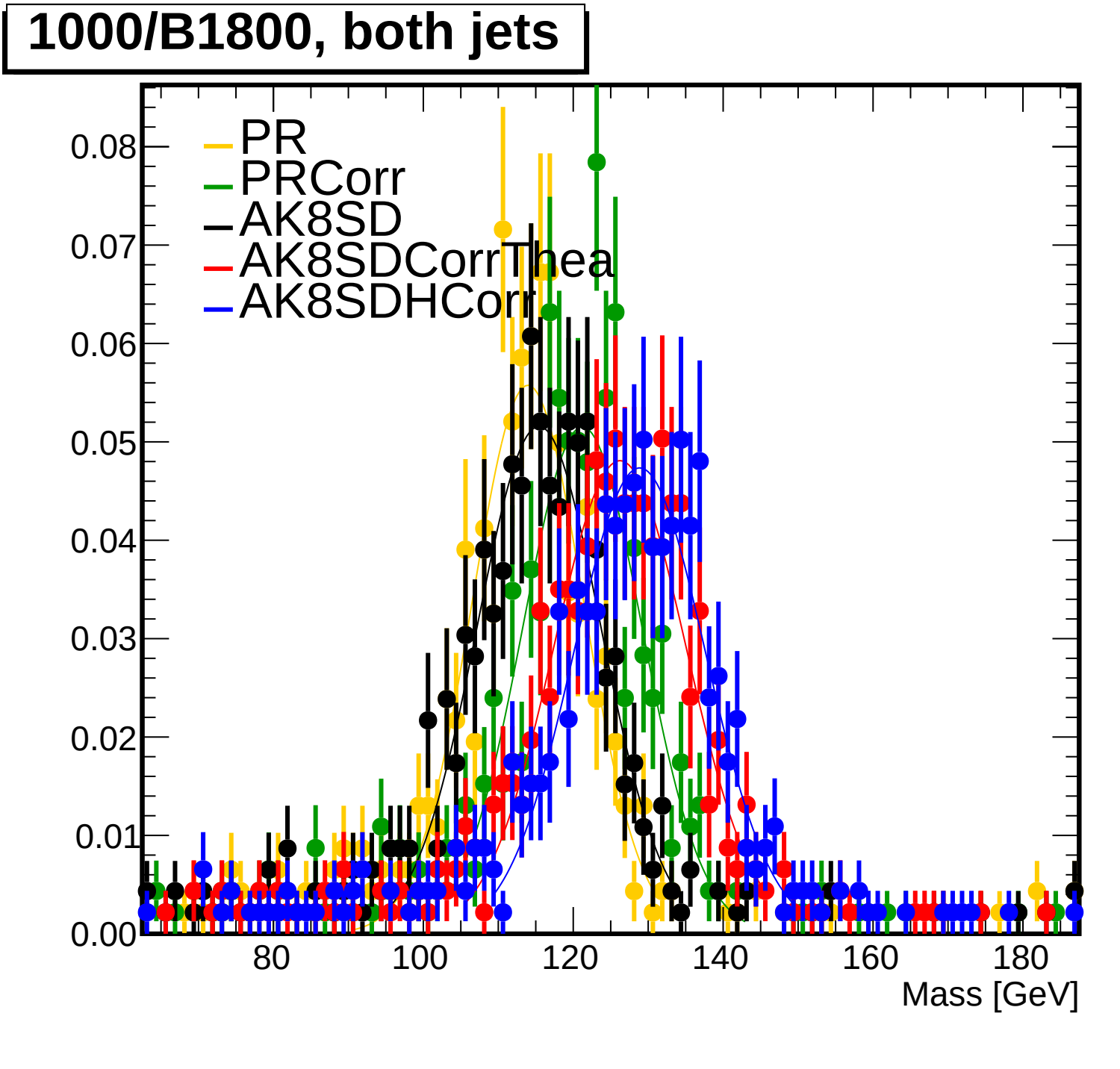
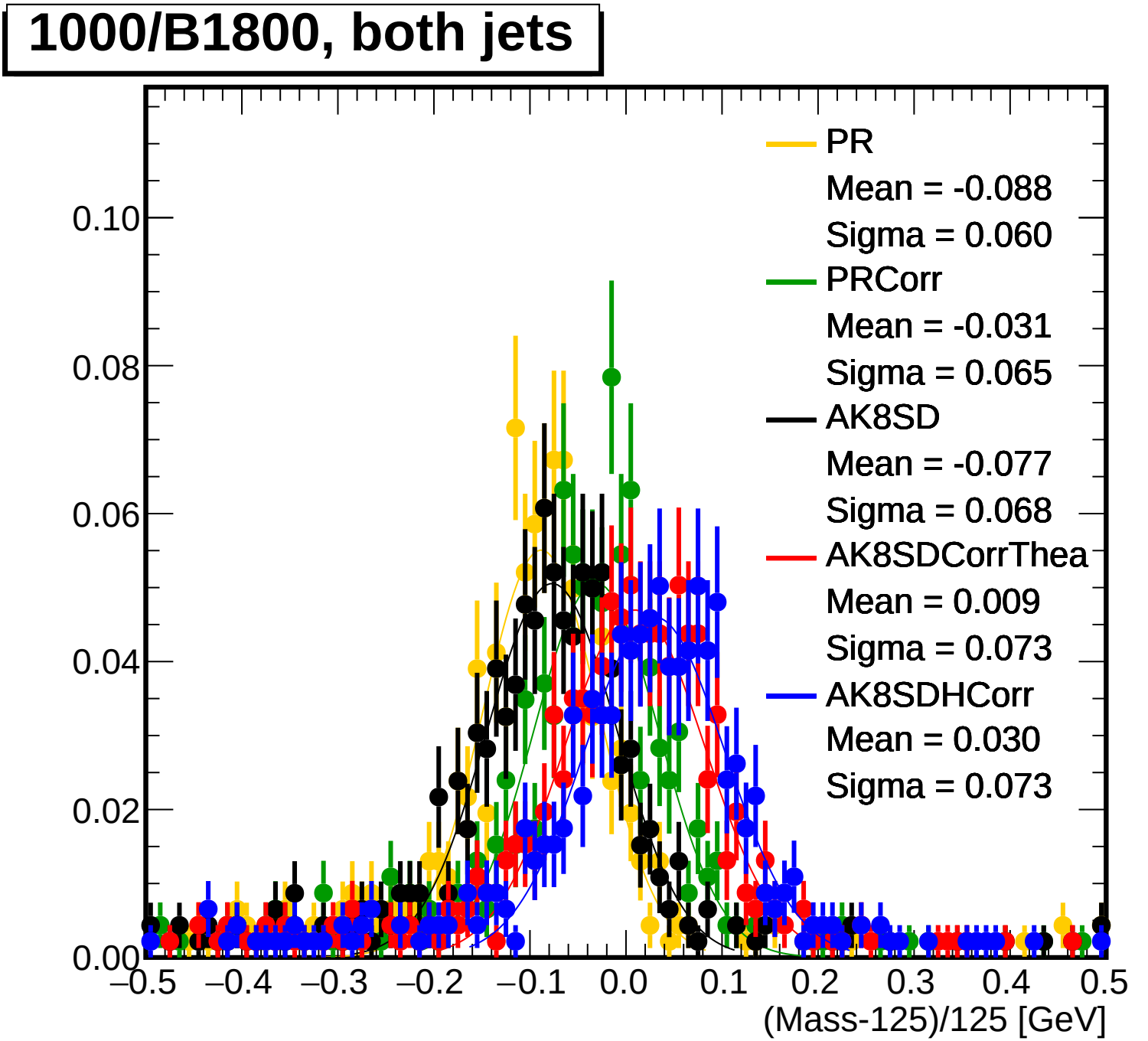

1000/B1800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

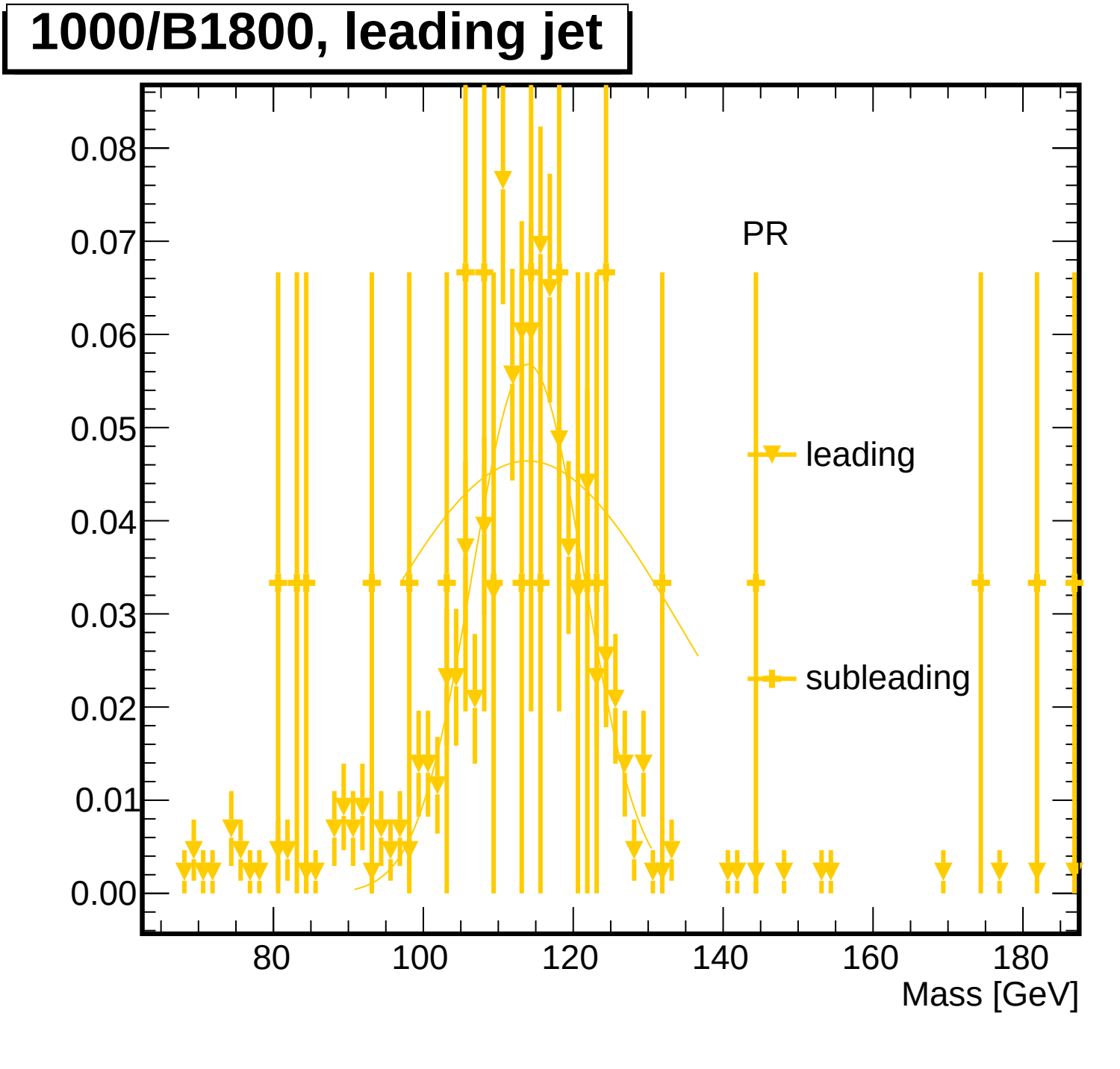

1000/B1800, leading jet
PR
Mean = -0.088
Sigma = 0.060
PRCorr
Mean = -0.032
Sigma = 0.064
AK8SD
Mean = -0.078
Sigma = 0.068
AK8SDCorrThea
Mean = 0.010
Sigma = 0.072
AK8SDHCorr
Mean = 0.033
Sigma = 0.074
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

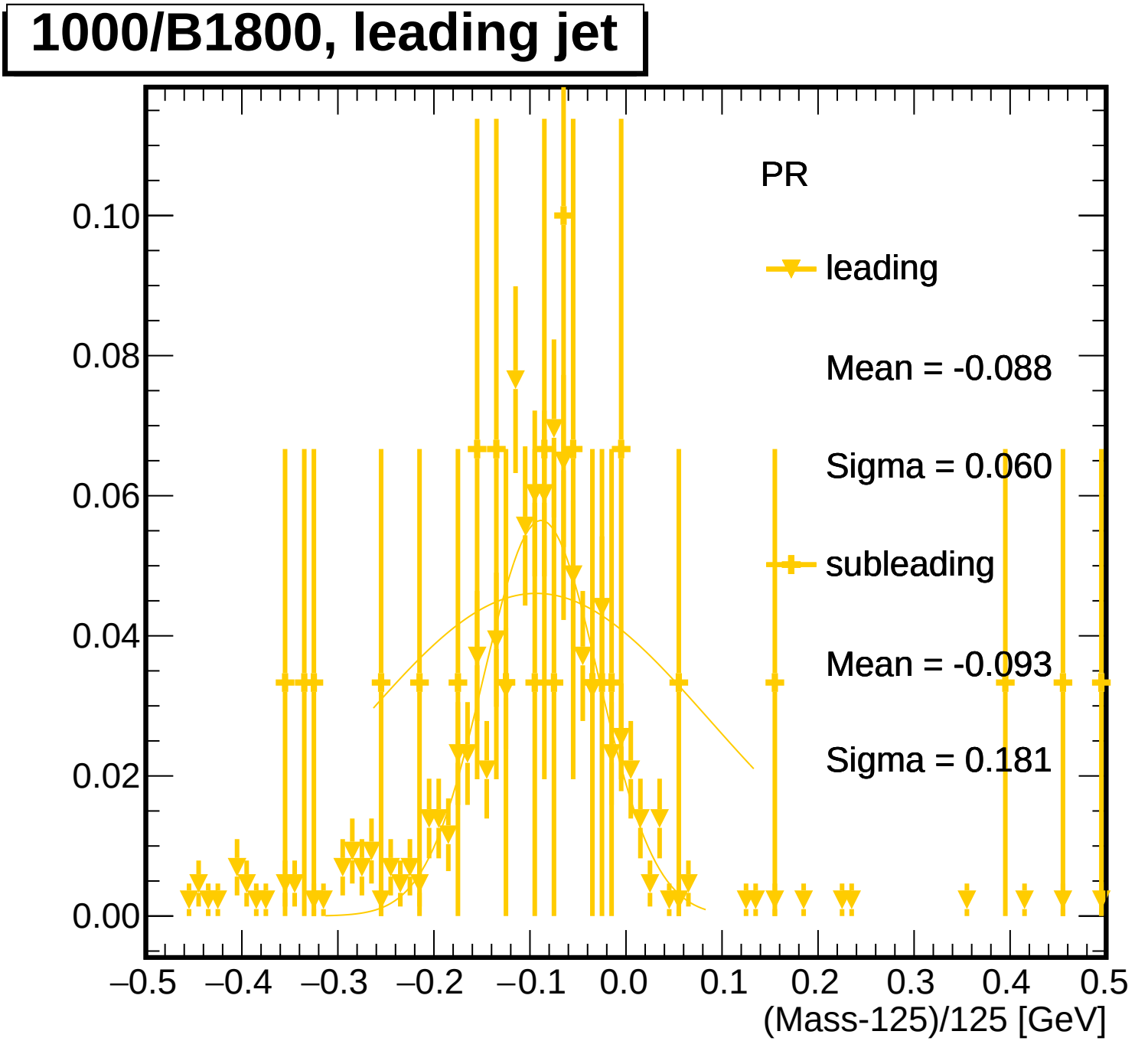

1000/B1800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

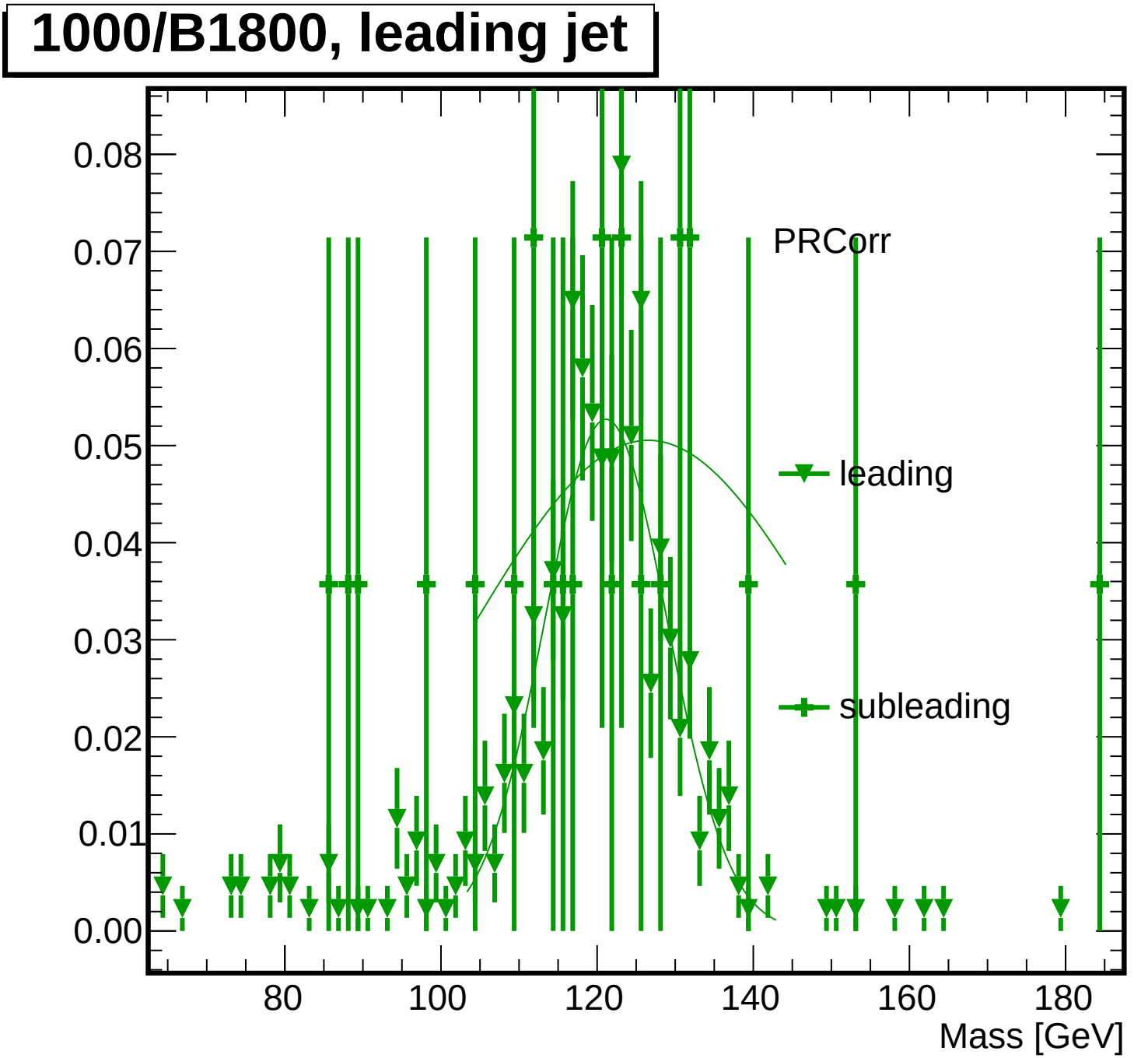

1000/B1800, subleading jet
PR
Mean = -0.093
Sigma = 0.181
PRCorr
Mean = 0.012
Sigma = 0.184
AK8SD
Mean = -0.092
Sigma = 0.235
AK8SDCorrThea
Mean = 0.004
Sigma = 0.209
AK8SDHCorr
Mean = 0.025
Sigma = 0.219
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

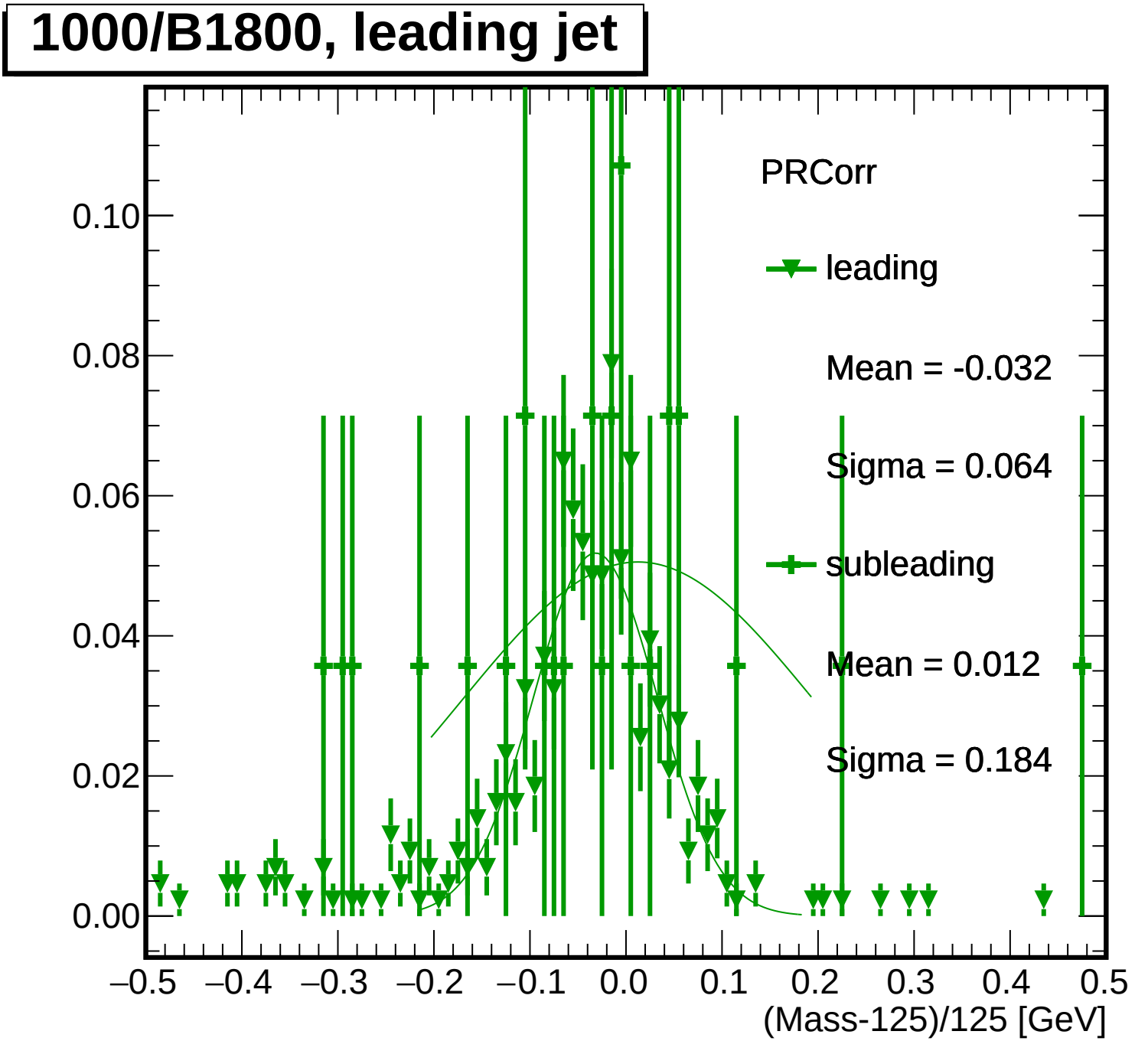

1000/B1800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

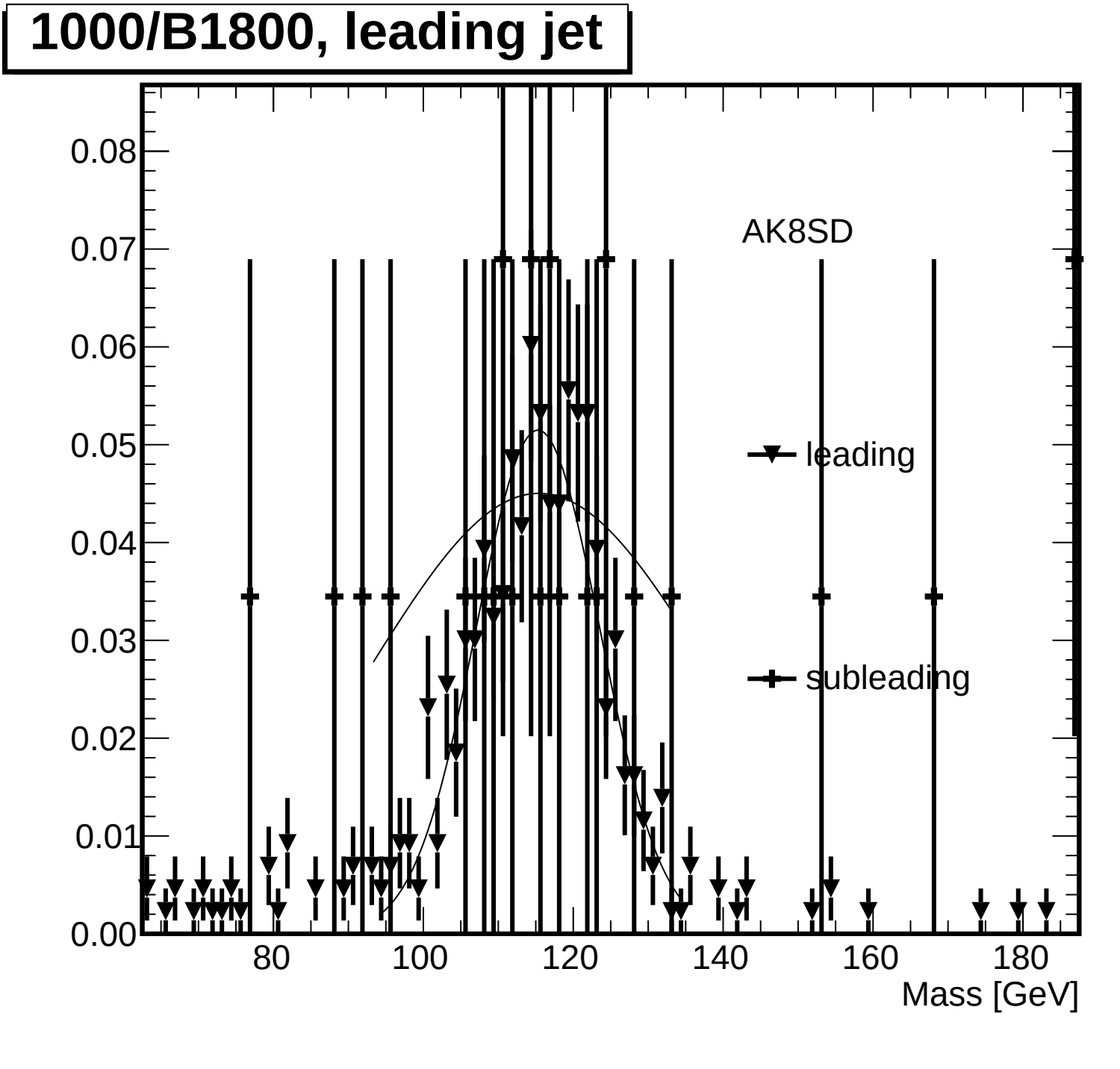

1000/B1800, both jets
PR
Mean = -0.088
Sigma = 0.060
PRCorr
Mean = -0.031
Sigma = 0.065
AK8SD
Mean = -0.077
Sigma = 0.068
AK8SDCorrThea
Mean = 0.009
Sigma = 0.073
AK8SDHCorr
Mean = 0.030
Sigma = 0.073
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

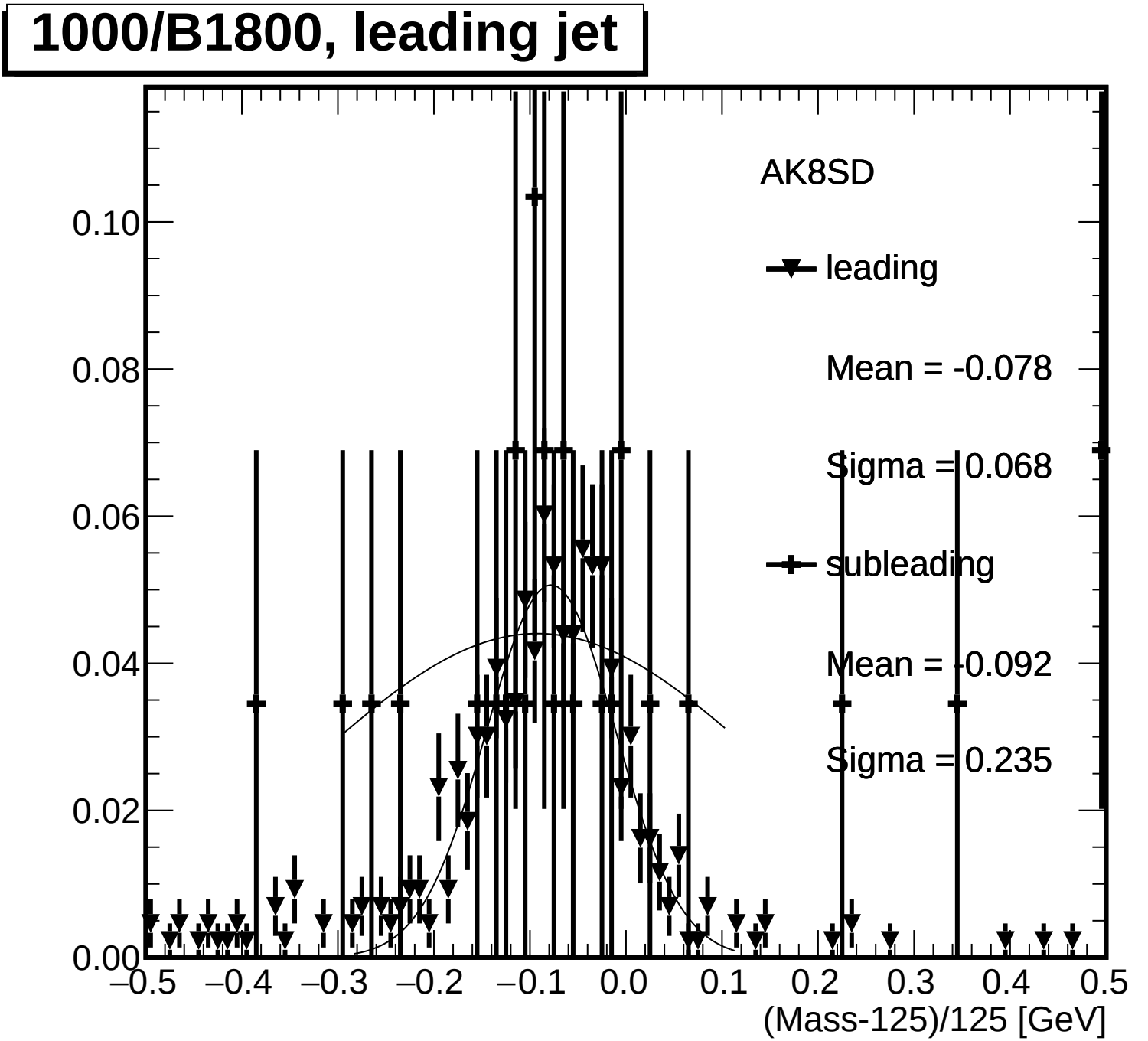

1000/B1800, leading jet
PR
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

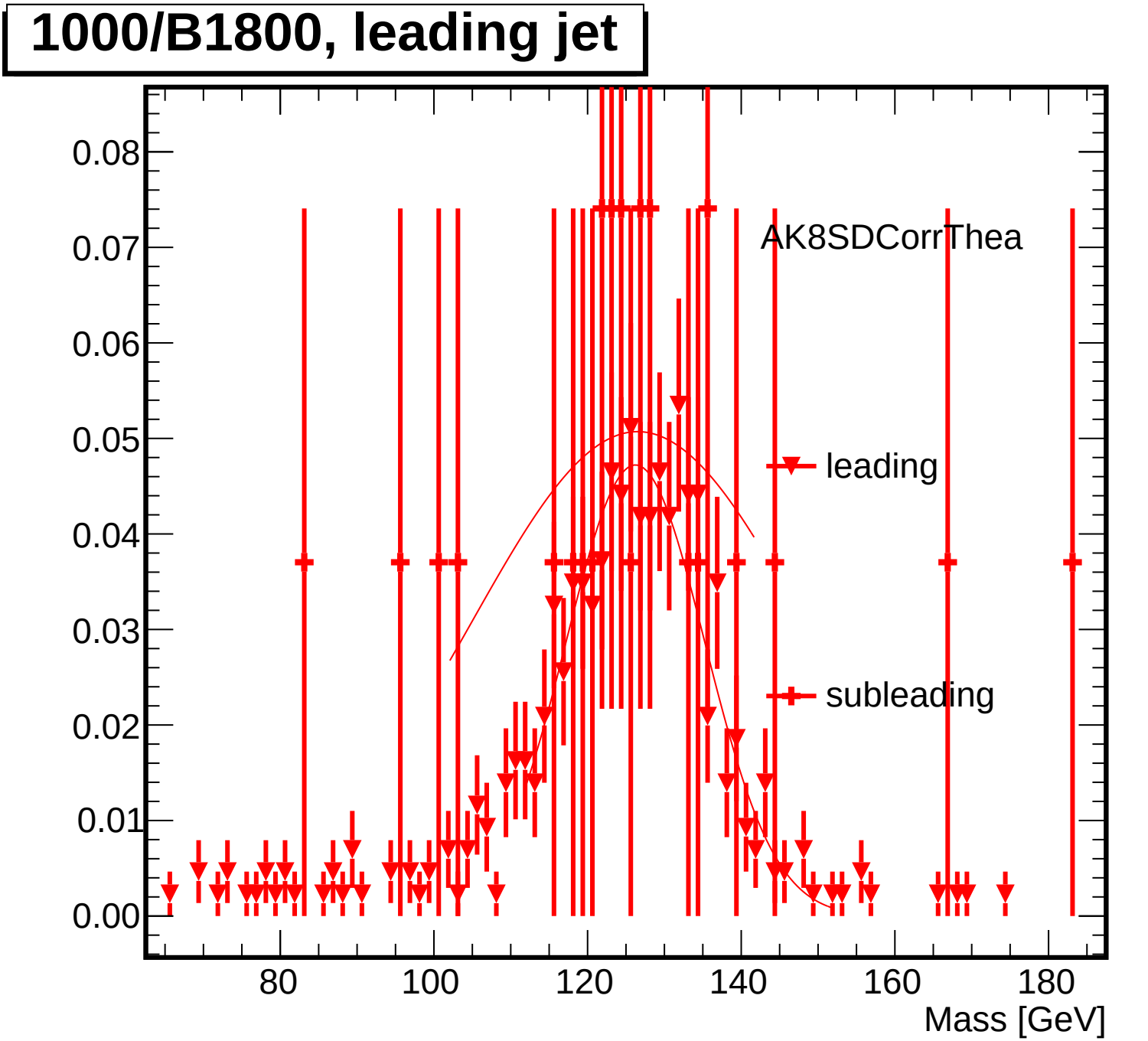

1000/B1800, leading jet
PR
leading
Mean = -0.088
Sigma = 0.060
subleading
Mean = -0.093
Sigma = 0.181
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

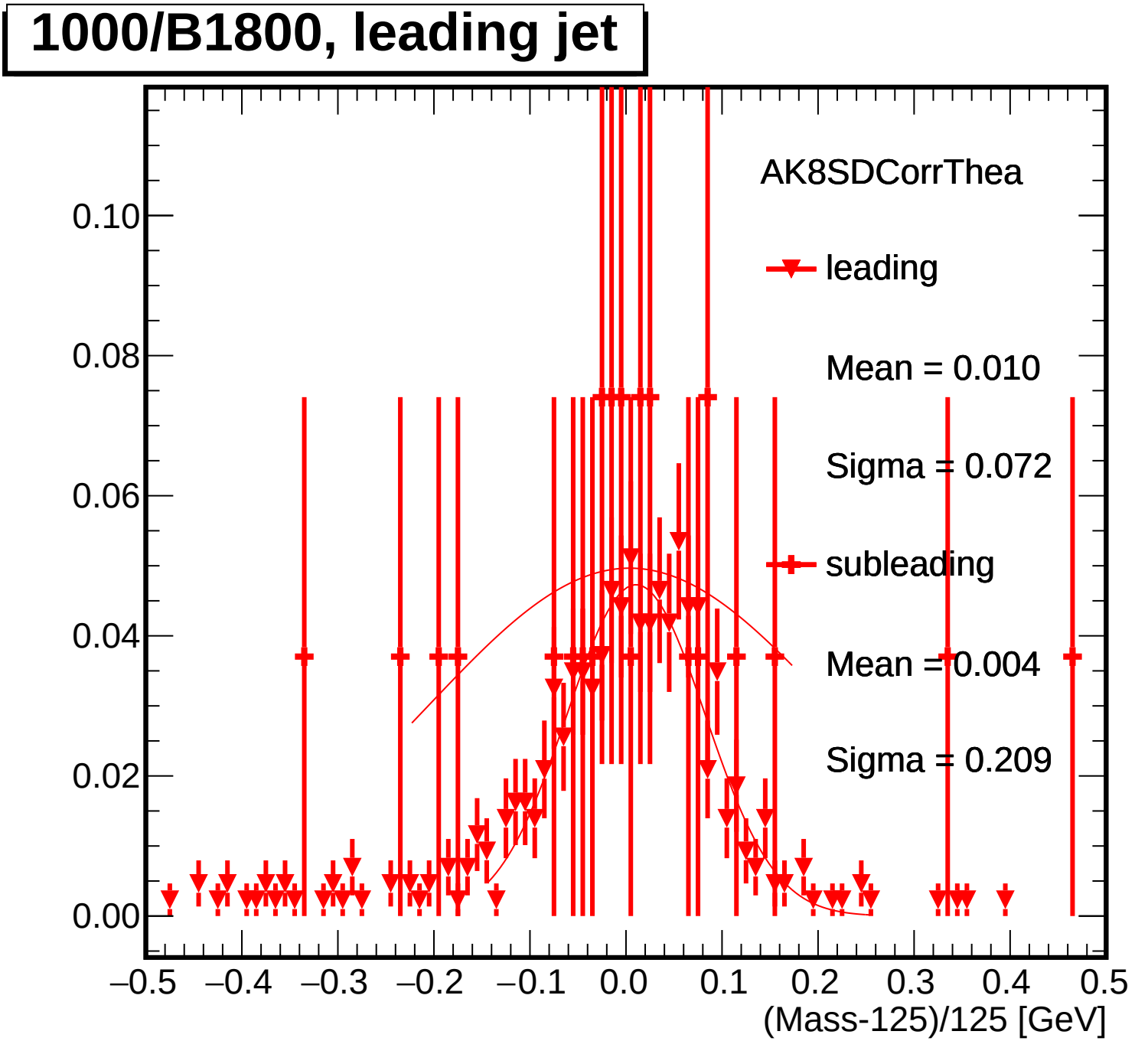

1000/B1800, leading jet
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

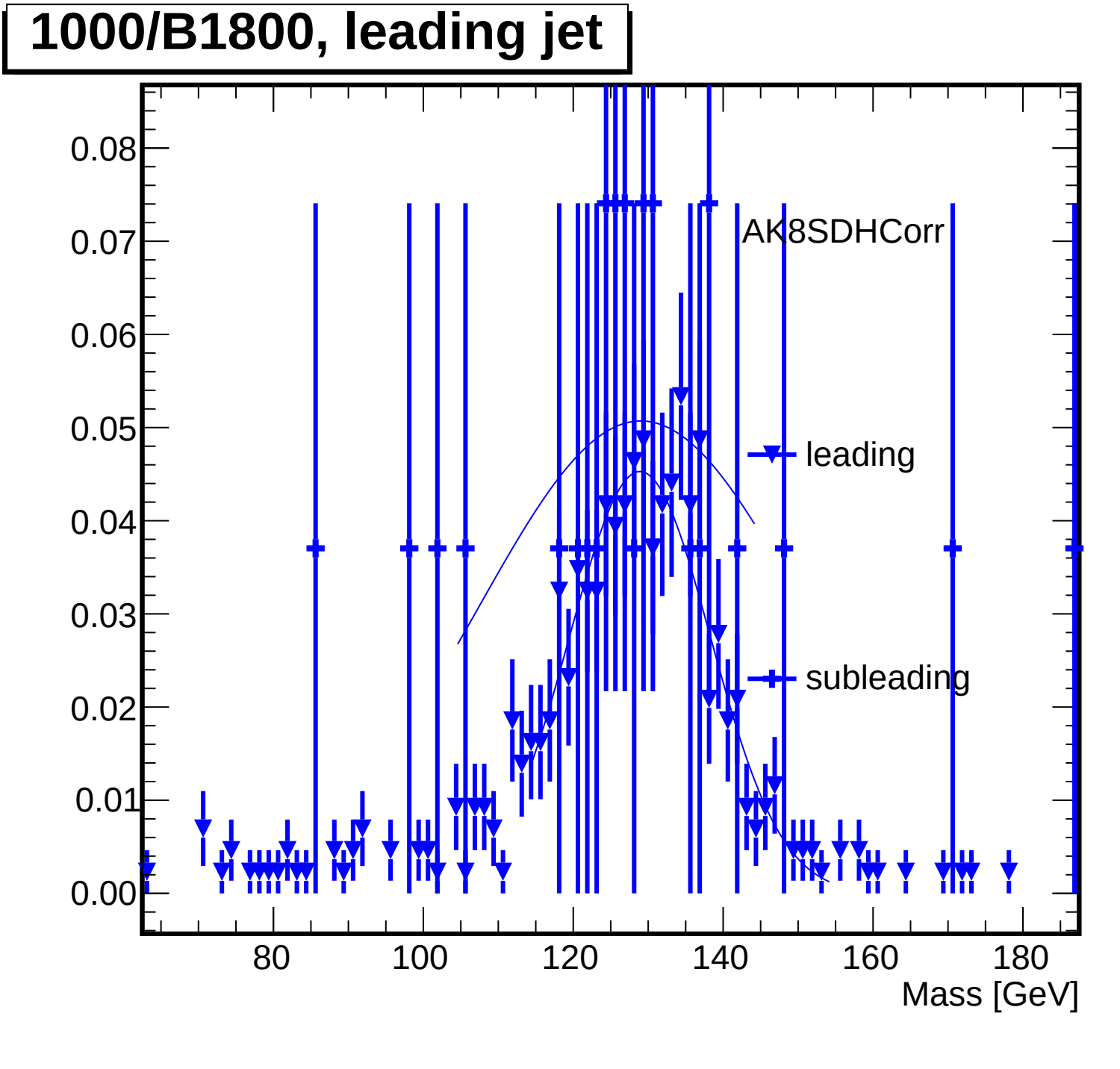

1000/B1800, leading jet
PRCorr
leading
Mean = -0.032
Sigma = 0.064
subleading
Mean = 0.012
Sigma = 0.184
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

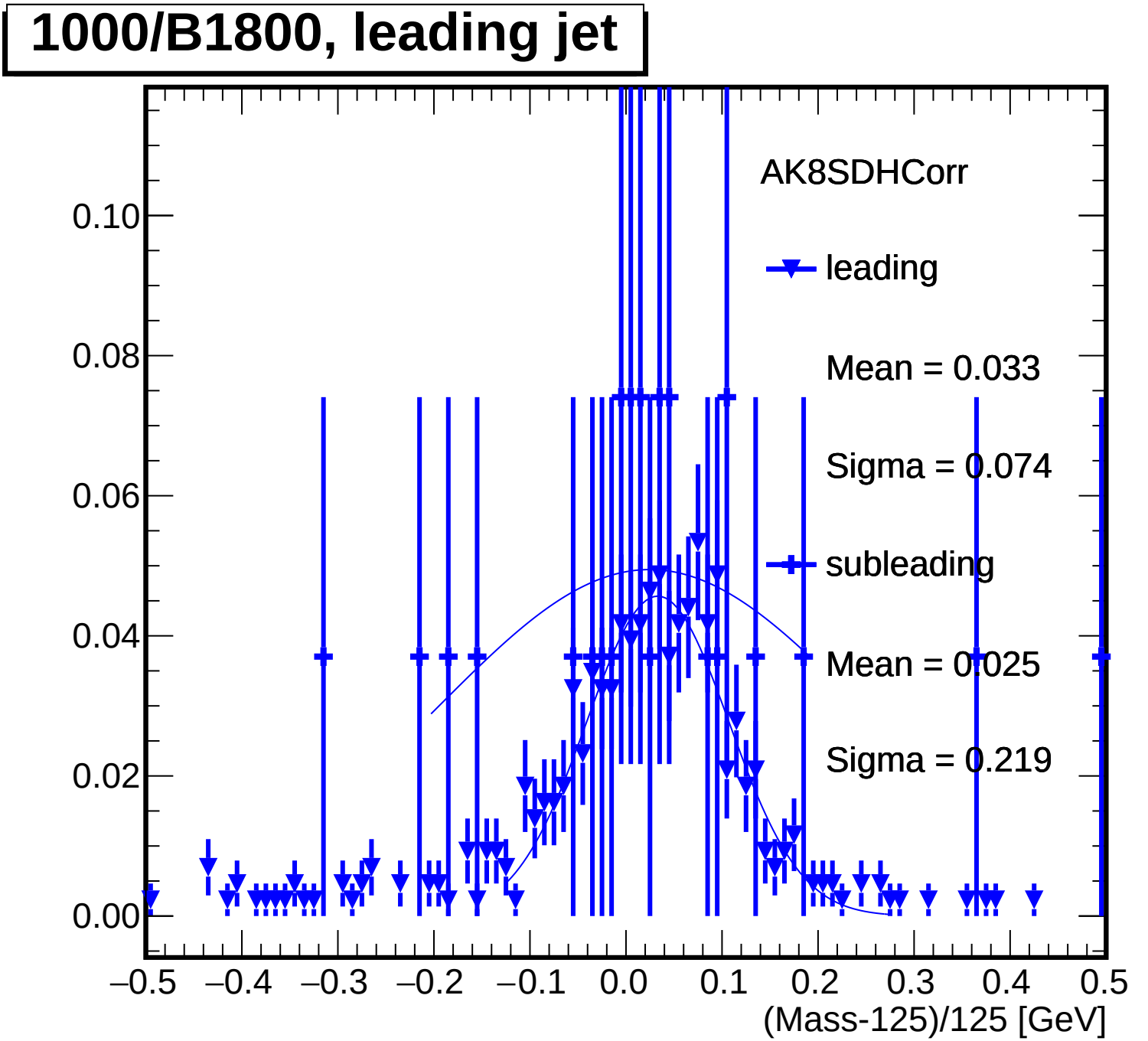

1000/B1800, leading jet
AK8SD
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B1800, leading jet
AK8SD
leading
Mean = -0.078
Sigma = 0.068
subleading
Mean = -0.092
Sigma = 0.235
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]


1000/B1800, leading jet
AK8SDCorrThea
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B1800, leading jet
AK8SDCorrThea
leading
Mean = 0.010
Sigma = 0.072
subleading
Mean = 0.004
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]


1000/B1800, leading jet
AK8SDHCorr
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B1800, leading jet
AK8SDHCorr
leading
Mean = 0.033
Sigma = 0.074
subleading
Mean = 0.025
Sigma = 0.219
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]