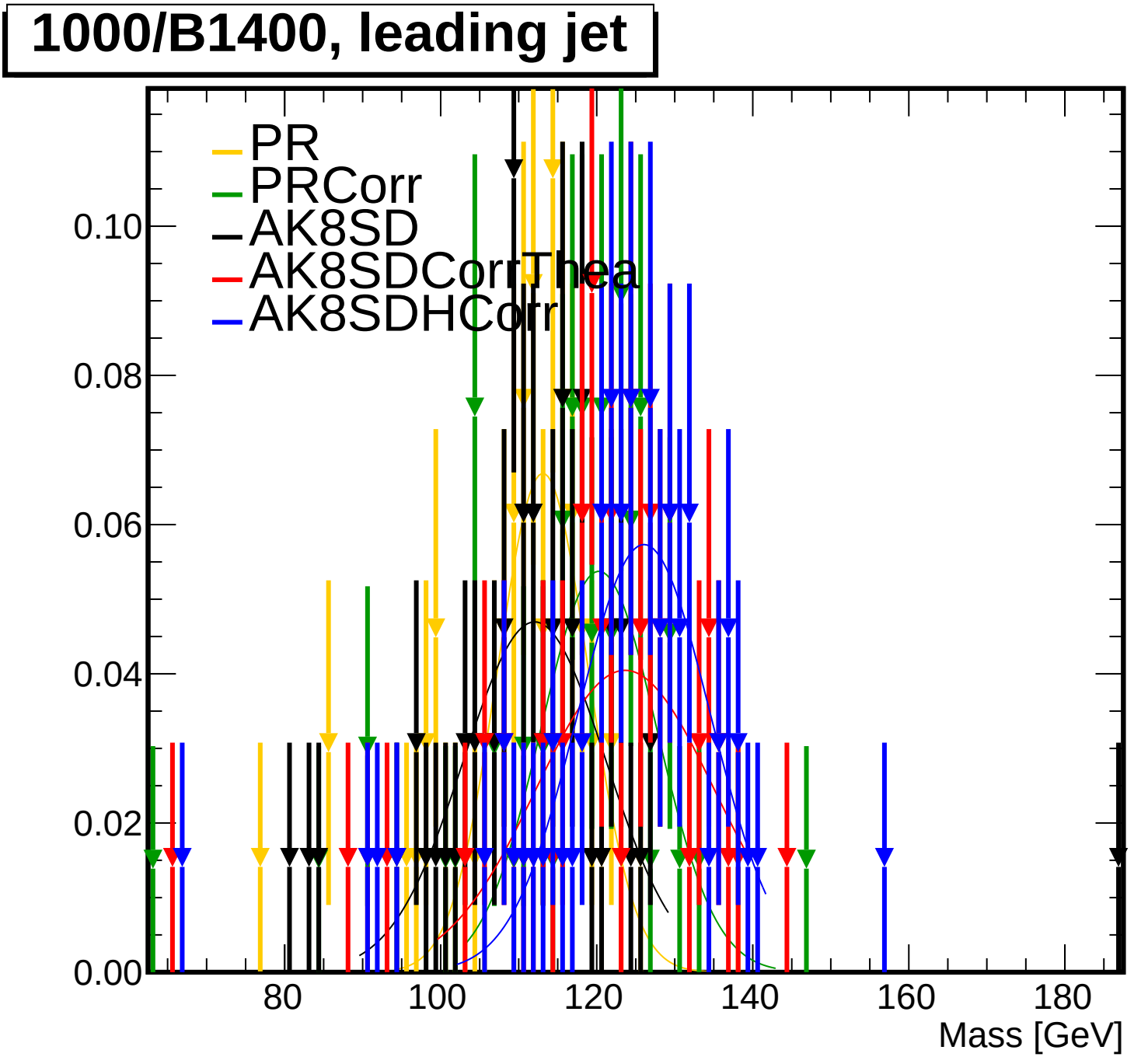
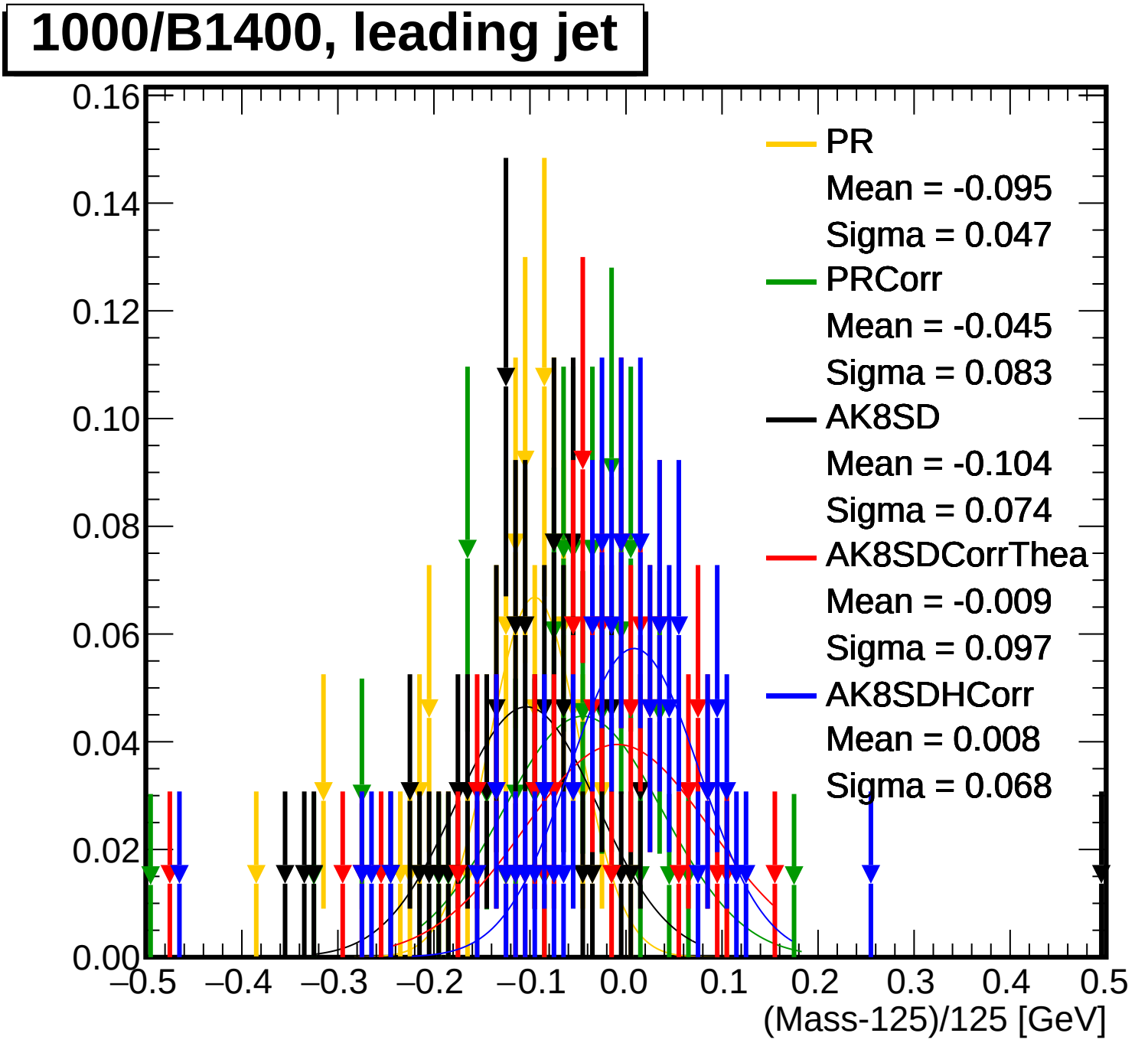
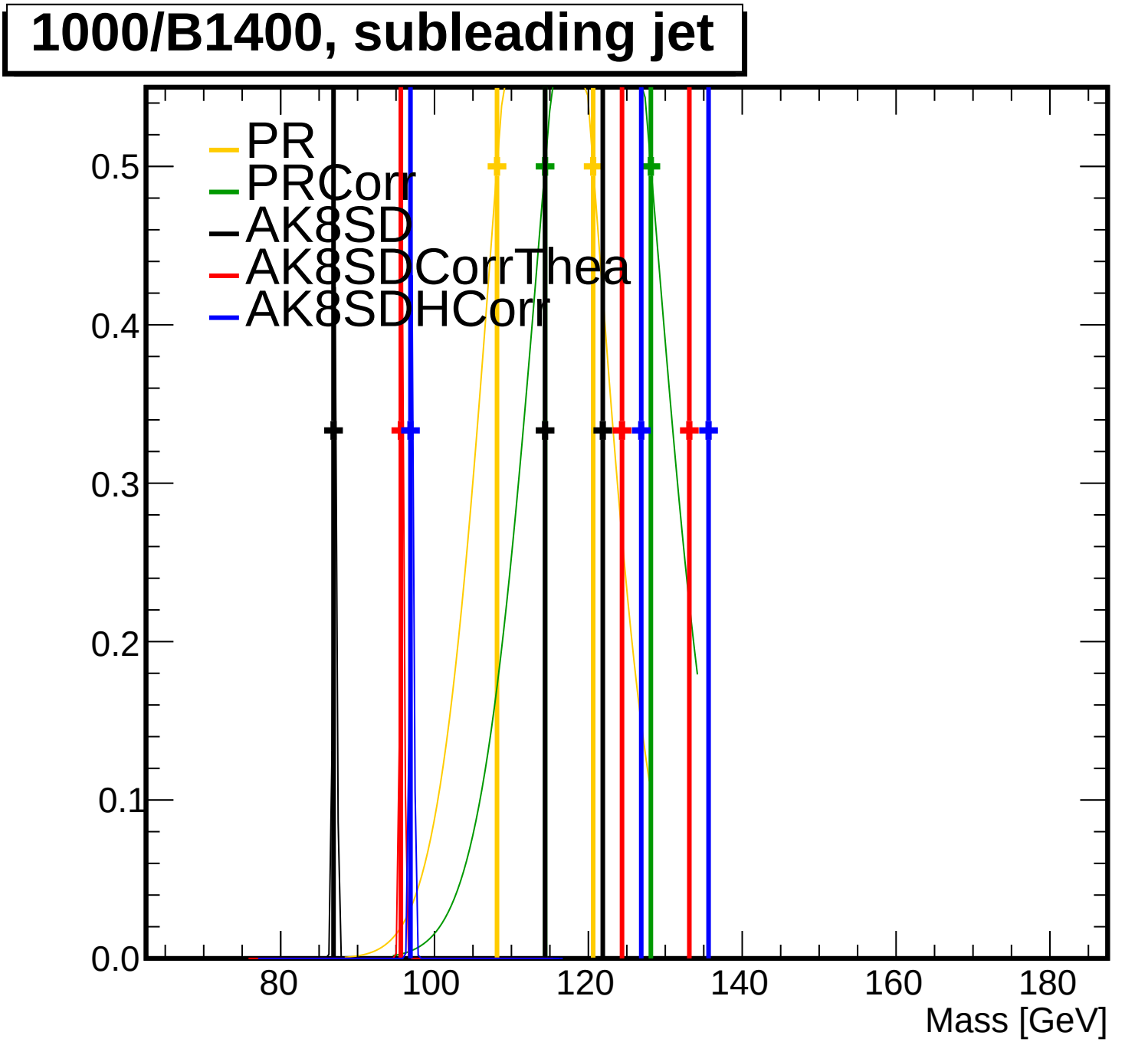
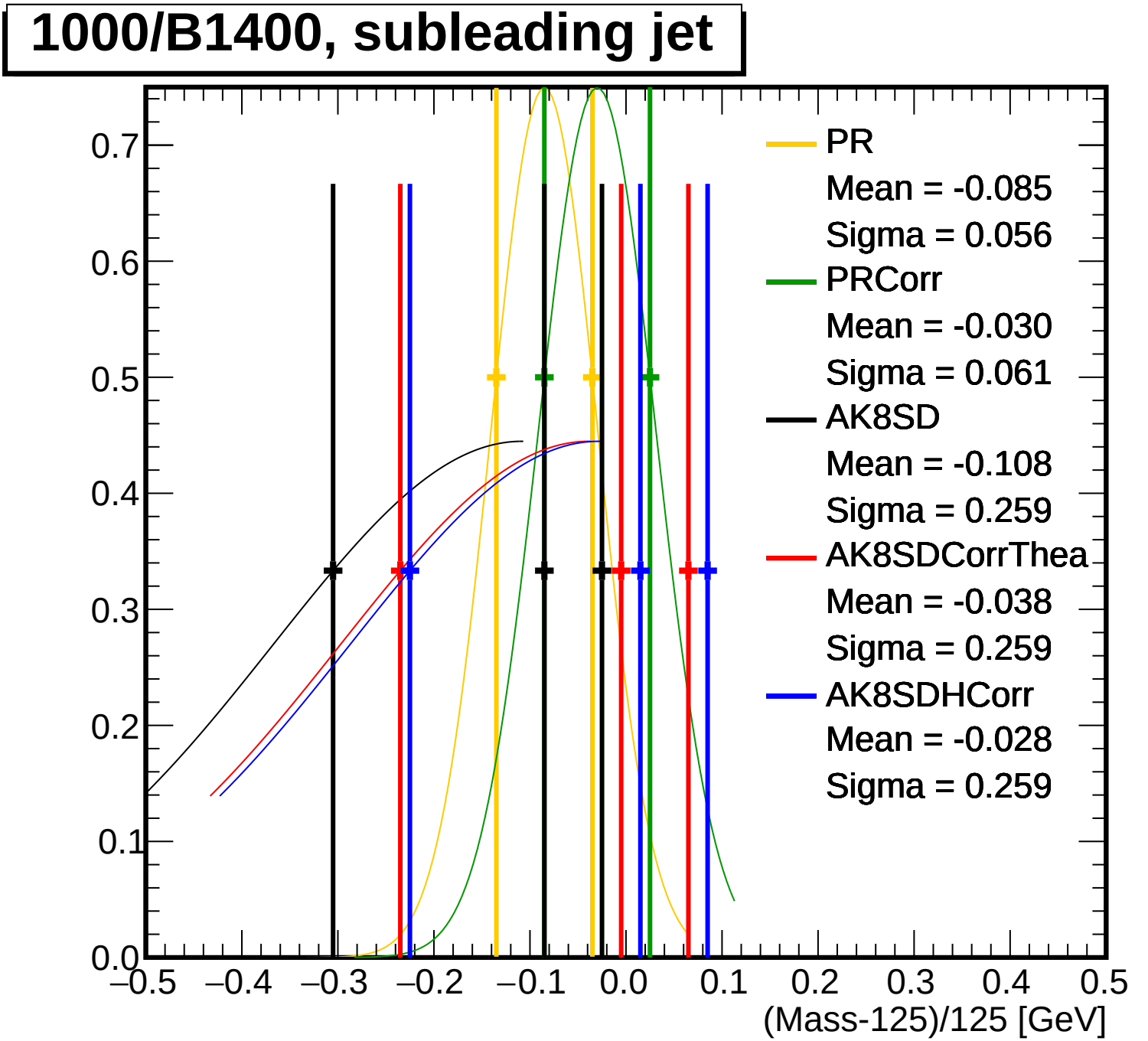
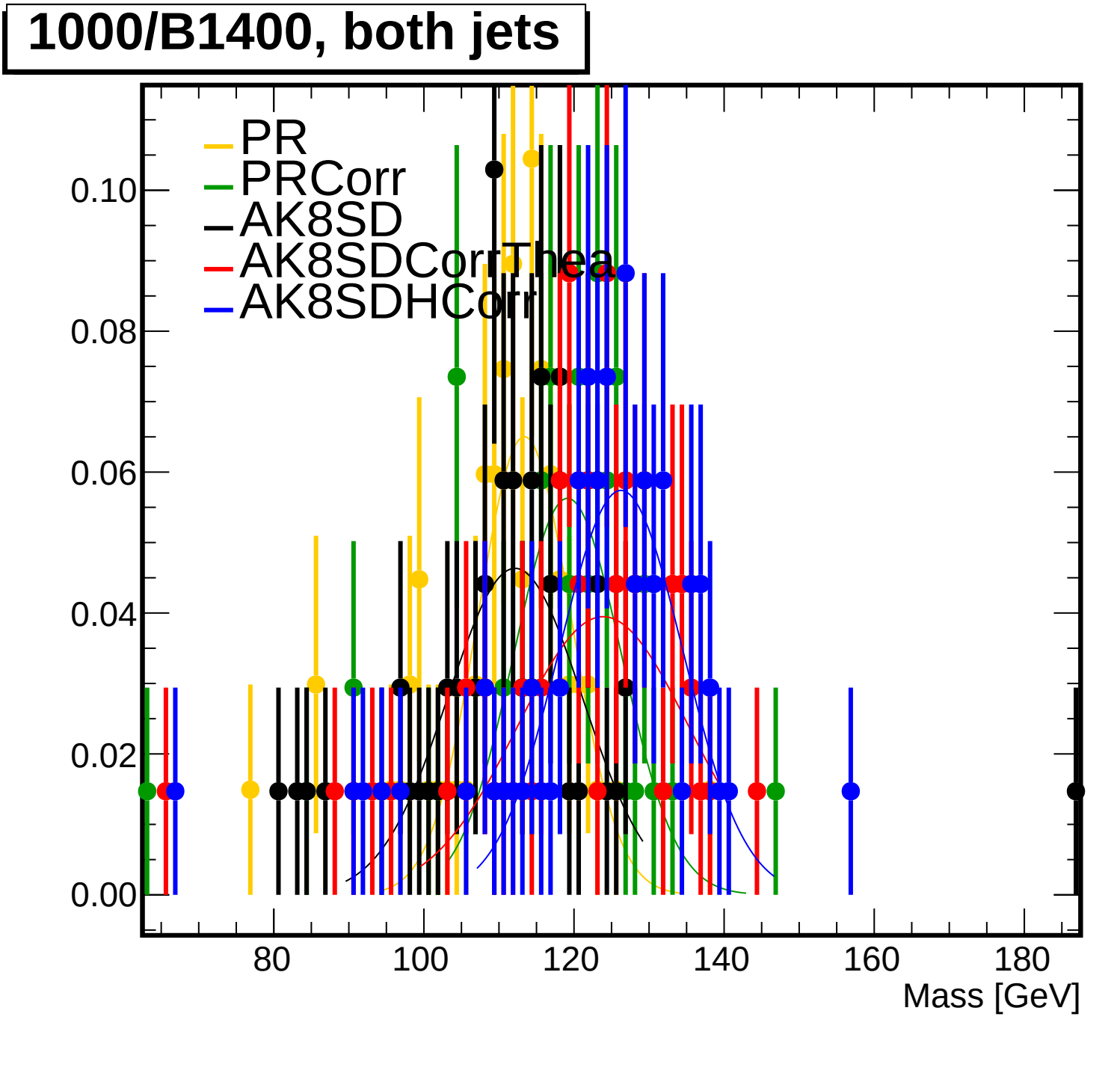
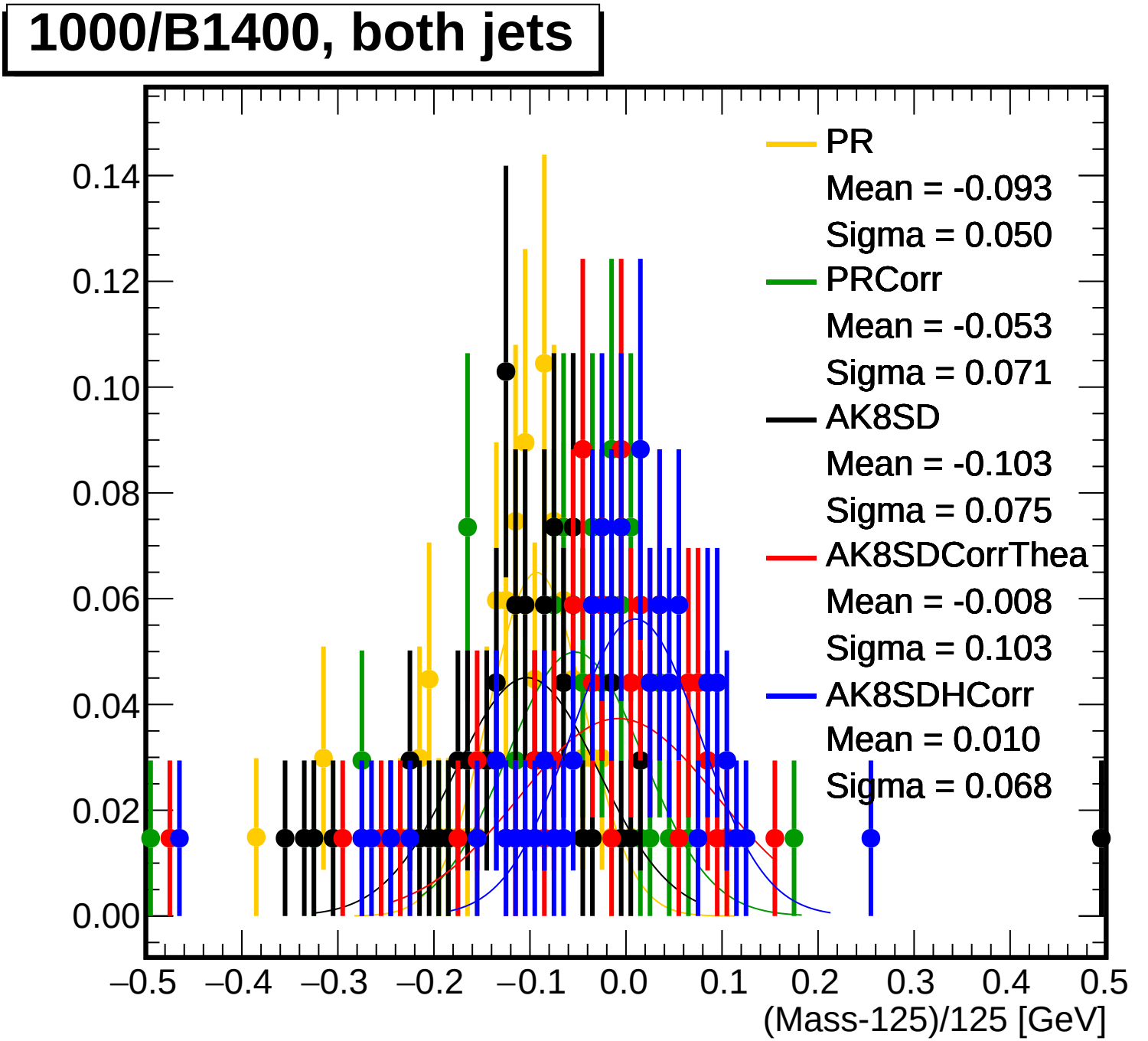

1000/B1400, leading jet
PR
PRCorr
AK8SD
AK8SDCorrJThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

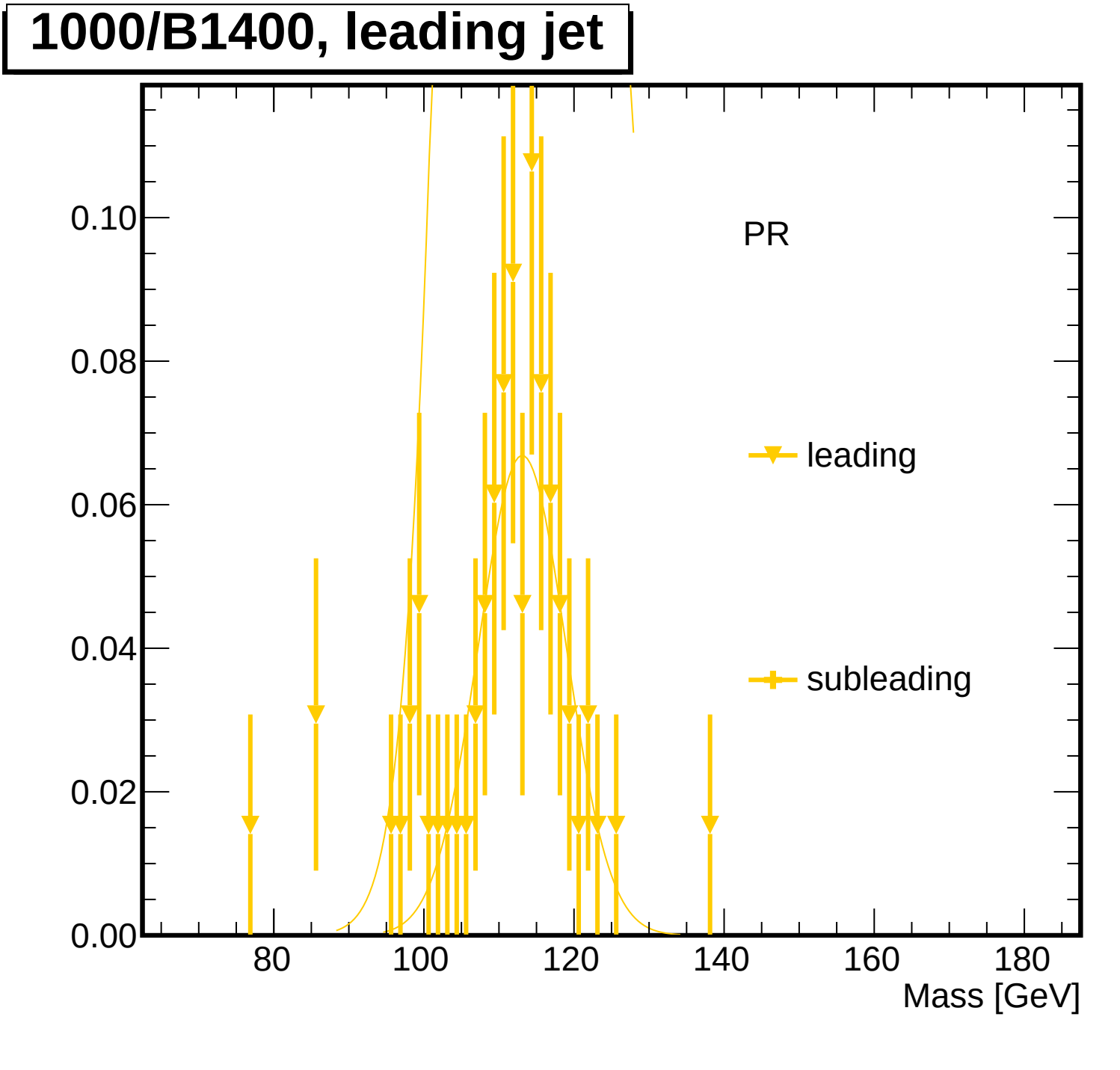

1000/B1400, leading jet
PR
Mean = -0.095
Sigma = 0.047
PRCorr
Mean = -0.045
Sigma = 0.083
AK8SD
Mean = -0.104
Sigma = 0.074
AK8SDCorrThea
Mean = -0.009
Sigma = 0.097
AK8SDHCorr
Mean = 0.008
Sigma = 0.068
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

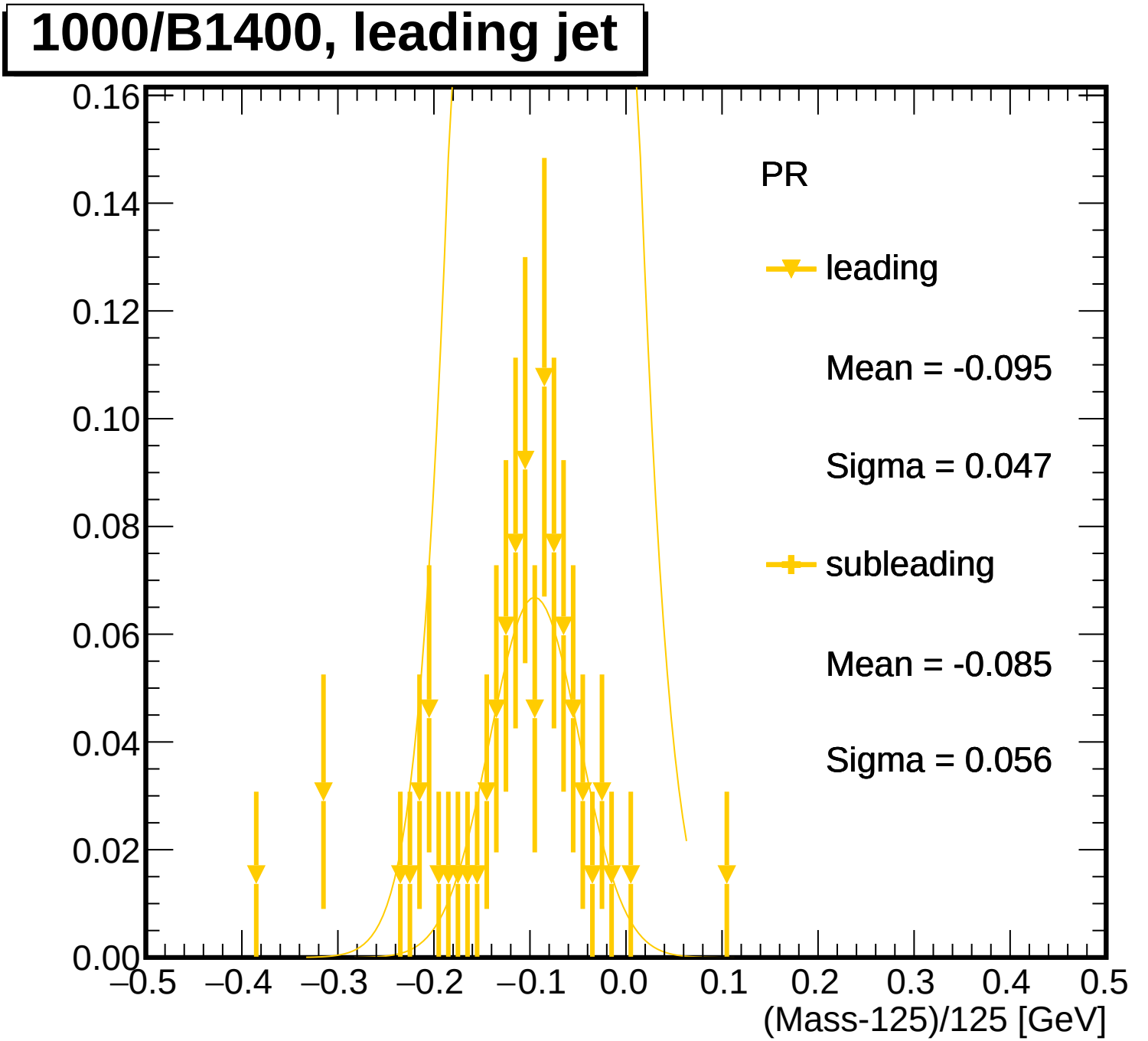

1000/B1400, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.0
0.1
0.2
0.3
0.4
0.5
80
100
120
140
160
180
Mass [GeV]

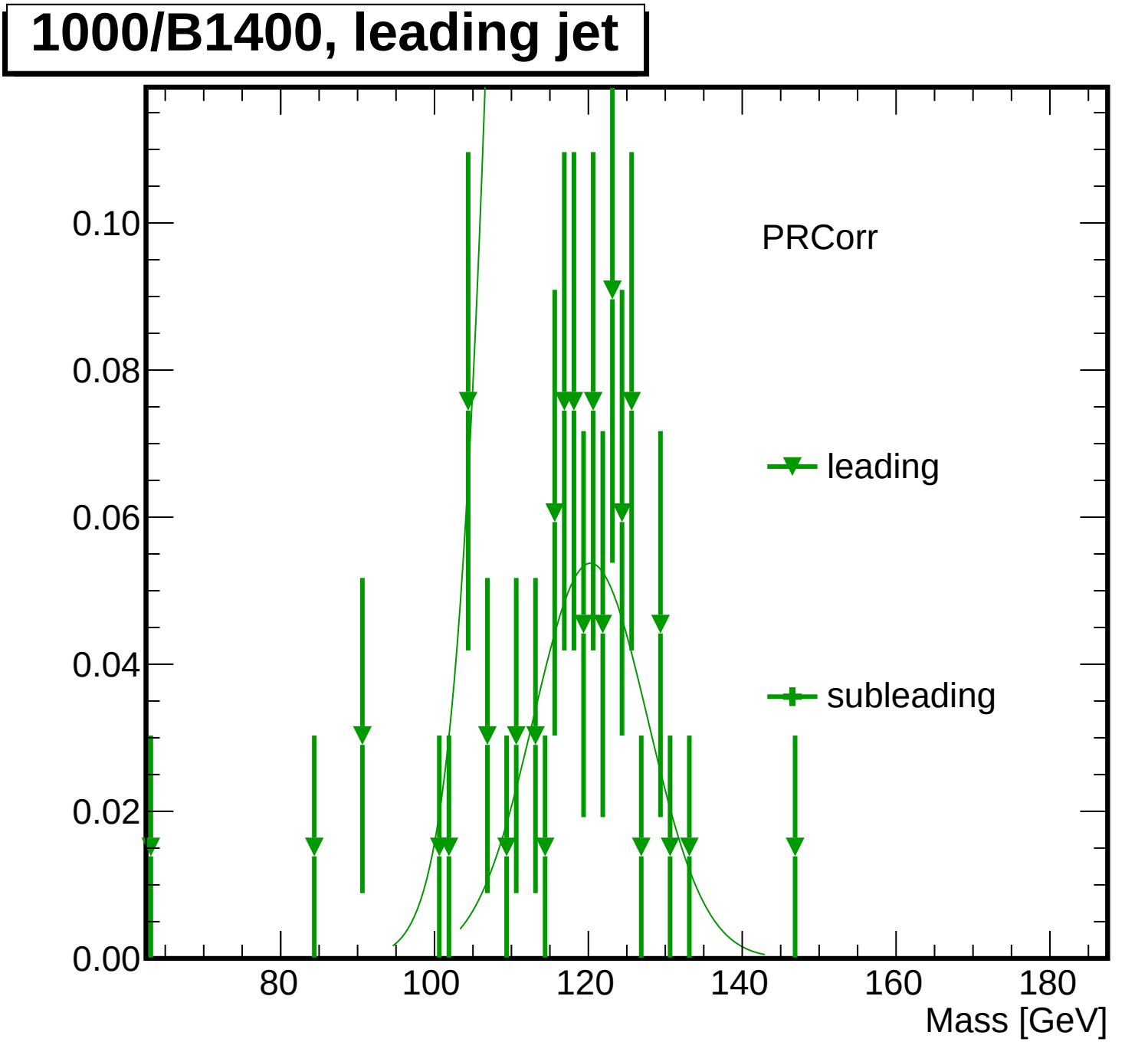

1000/B1400, subleading jet
PR
Mean = -0.085
Sigma = 0.056
PRCorr
Mean = -0.030
Sigma = 0.061
AK8SD
Mean = -0.108
Sigma = 0.259
AK8SDCorrThea
Mean = -0.038
Sigma = 0.259
AK8SDHCorr
Mean = -0.028
Sigma = 0.259
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

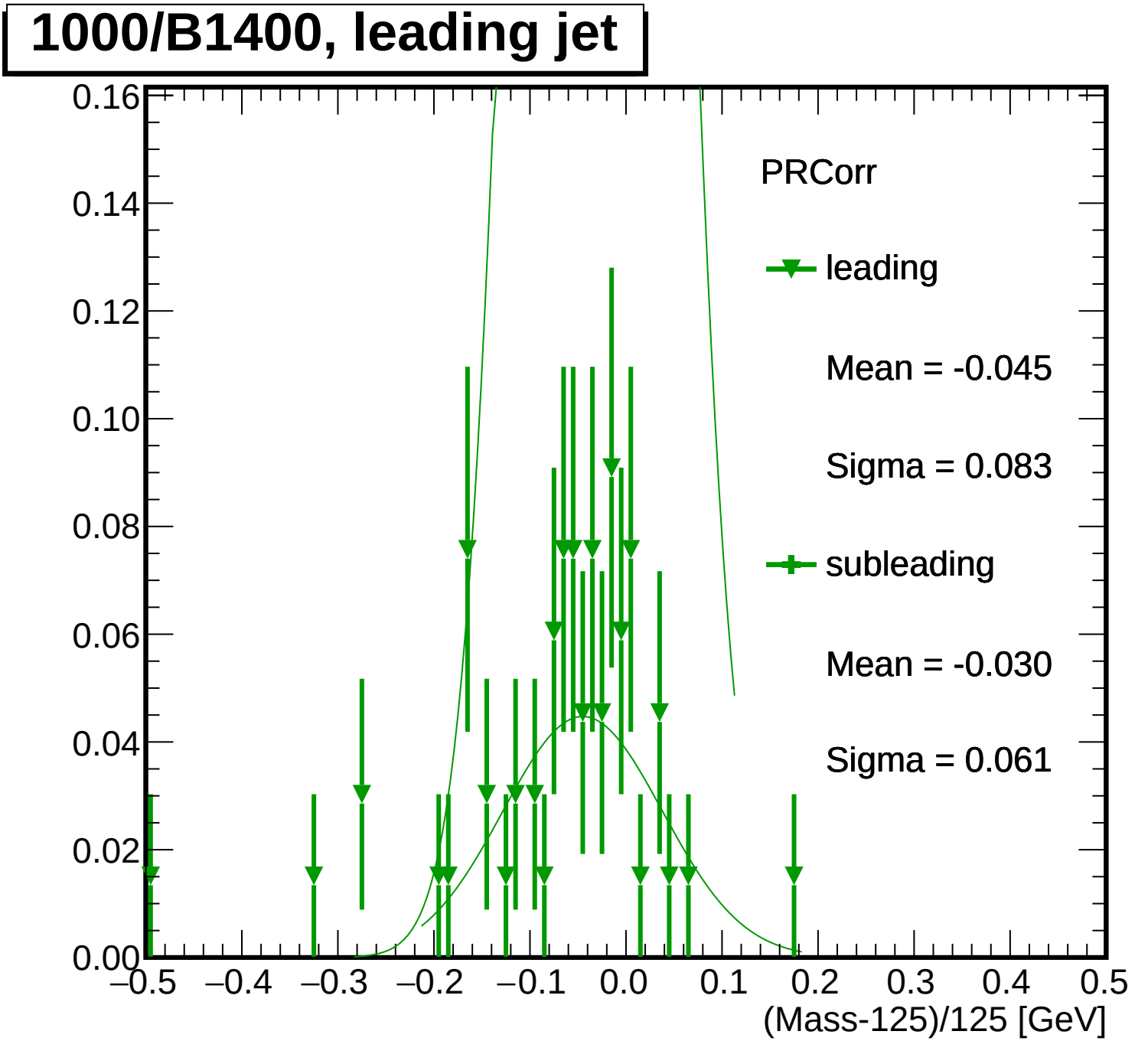

1000/B1400, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

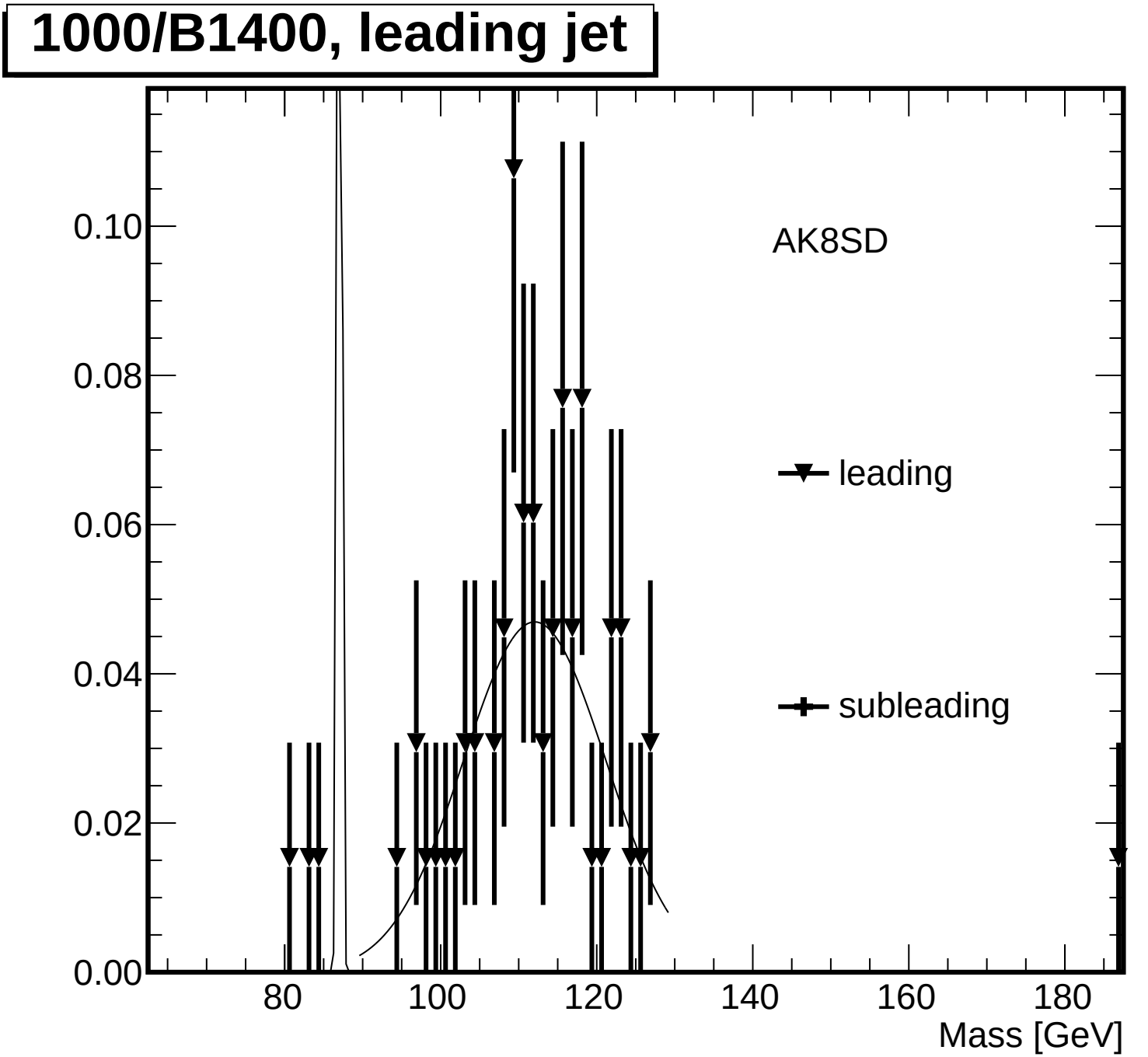

1000/B1400, both jets
PR
Mean = -0.093
Sigma = 0.050
PRCorr
Mean = -0.053
Sigma = 0.071
AK8SD
Mean = -0.103
Sigma = 0.075
AK8SDCorrThea
Mean = -0.008
Sigma = 0.103
AK8SDHCorr
Mean = 0.010
Sigma = 0.068
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

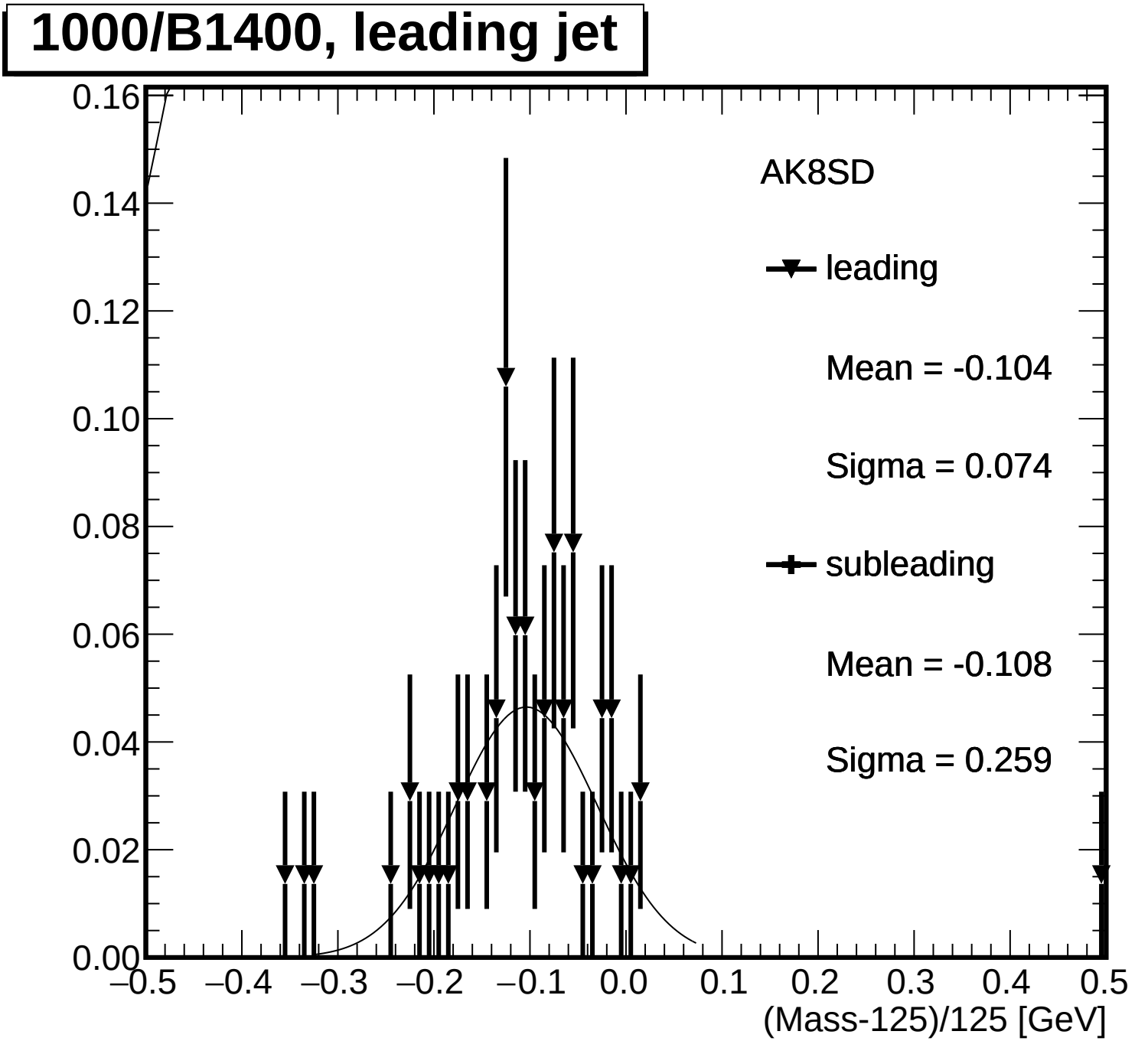

1000/B1400, leading jet
PR
leading
subleading
0.00
0.02
0.04
0.06
0.08
0.10
80
100
120
140
160
180
Mass [GeV]

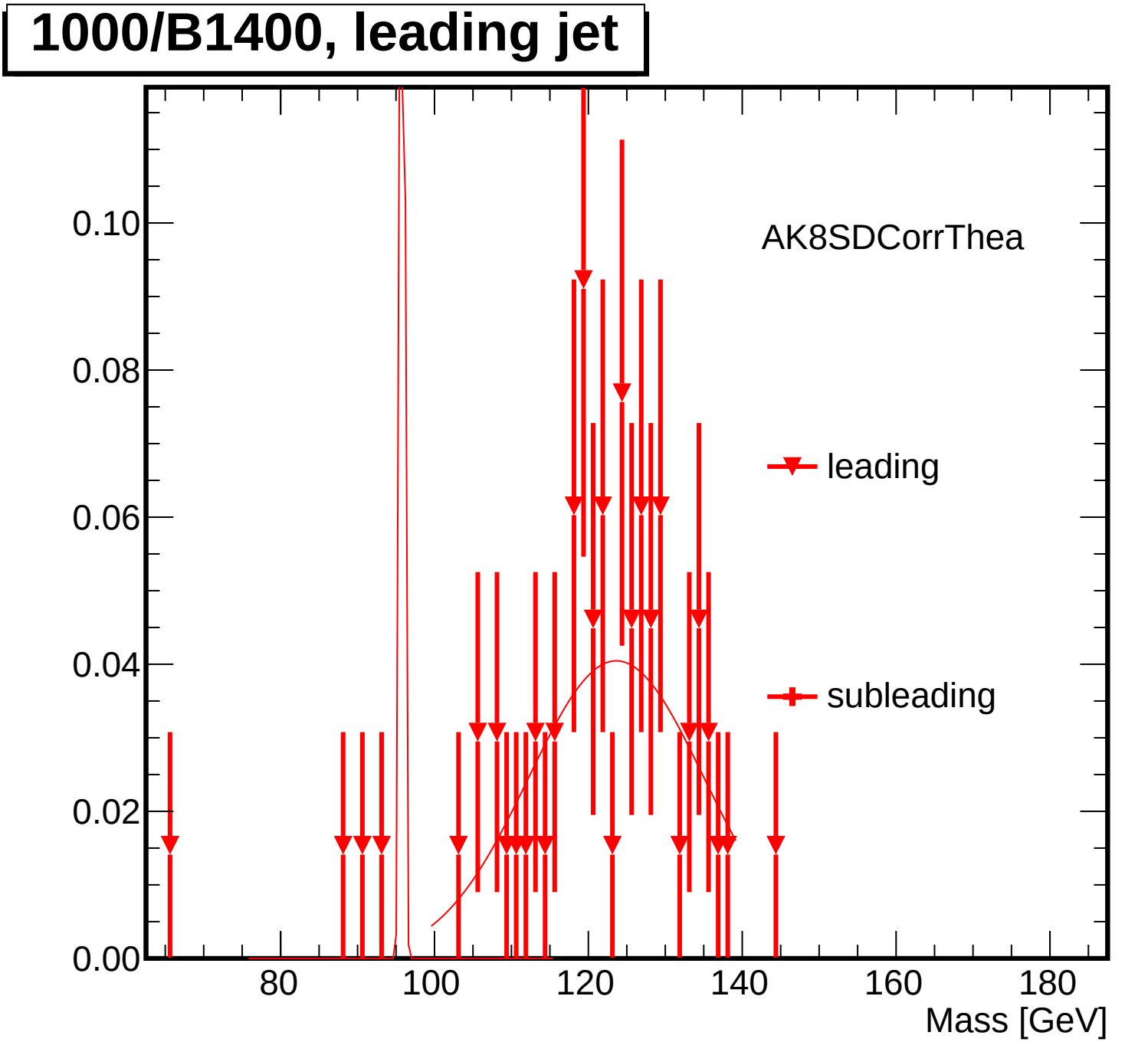

1000/B1400, leading jet
PR
leading
Mean = -0.095
Sigma = 0.047
subleading
Mean = -0.085
Sigma = 0.056
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

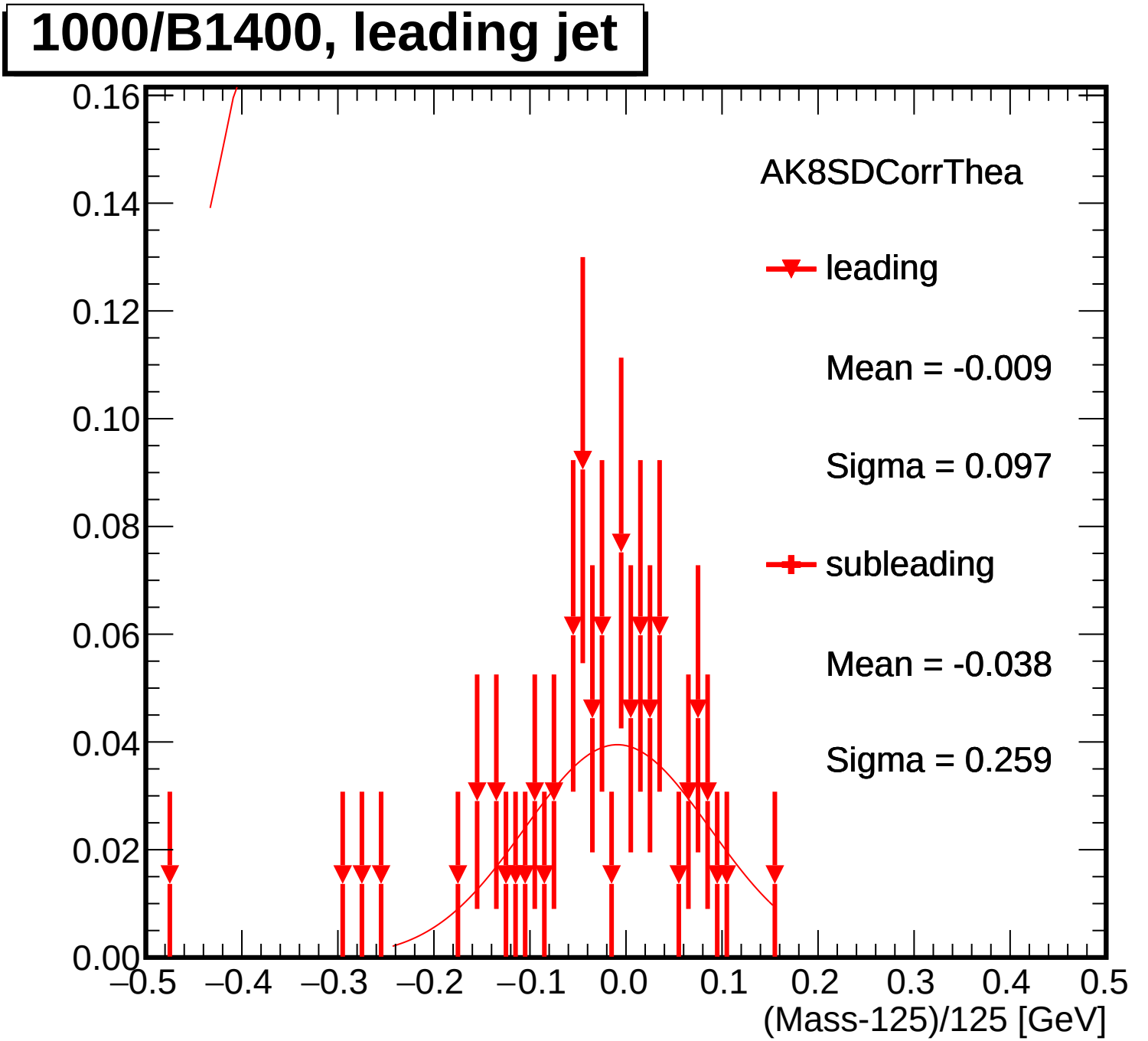

1000/B1400, leading jet
PRCorr
leading
subleading
0.00
0.02
0.04
0.06
0.08
0.10
80
100
120
140
160
180
Mass [GeV]

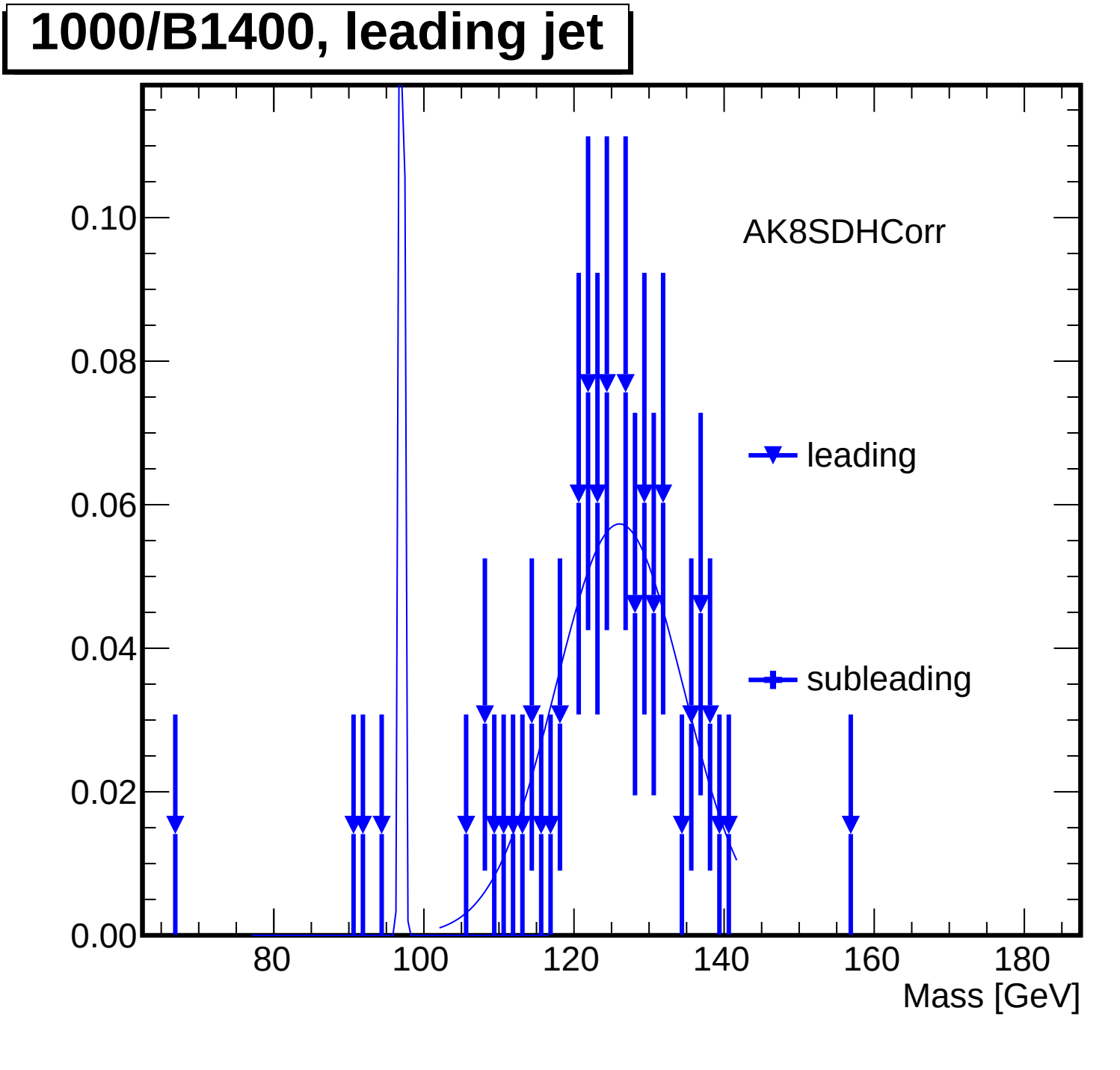

1000/B1400, leading jet
PRCorr
leading
Mean = -0.045
Sigma = 0.083
subleading
Mean = -0.030
Sigma = 0.061
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

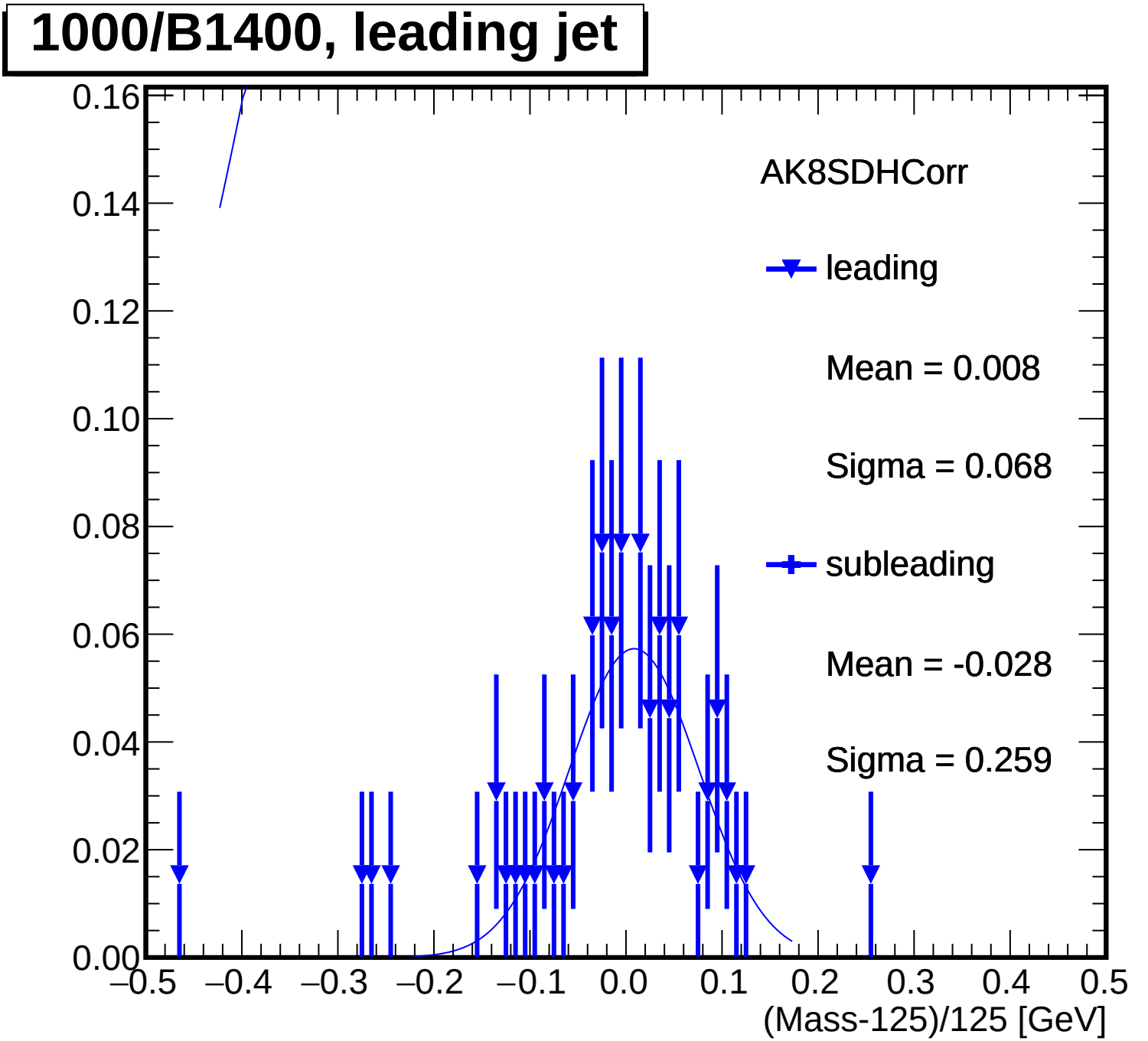

1000/B1400, leading jet
AK8SD
leading
subleading
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B1400, leading jet
AK8SD
leading
Mean = -0.104
Sigma = 0.074
subleading
Mean = -0.108
Sigma = 0.259
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/B1400, leading jet
AK8SDCorrThea
leading
subleading
0.00
0.02
0.04
0.06
0.08
0.10
80
100
120
140
160
180
Mass [GeV]


1000/B1400, leading jet
AK8SDCorrThea
leading
Mean = -0.009
Sigma = 0.097
subleading
Mean = -0.038
Sigma = 0.259
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/B1400, leading jet
AK8SDHCorr
leading
subleading
0.00
0.02
0.04
0.06
0.08
0.10
80
100
120
140
160
180
Mass [GeV]


1000/B1400, leading jet
AK8SDHCorr
leading
Mean = 0.008
Sigma = 0.068
subleading
Mean = -0.028
Sigma = 0.259
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]