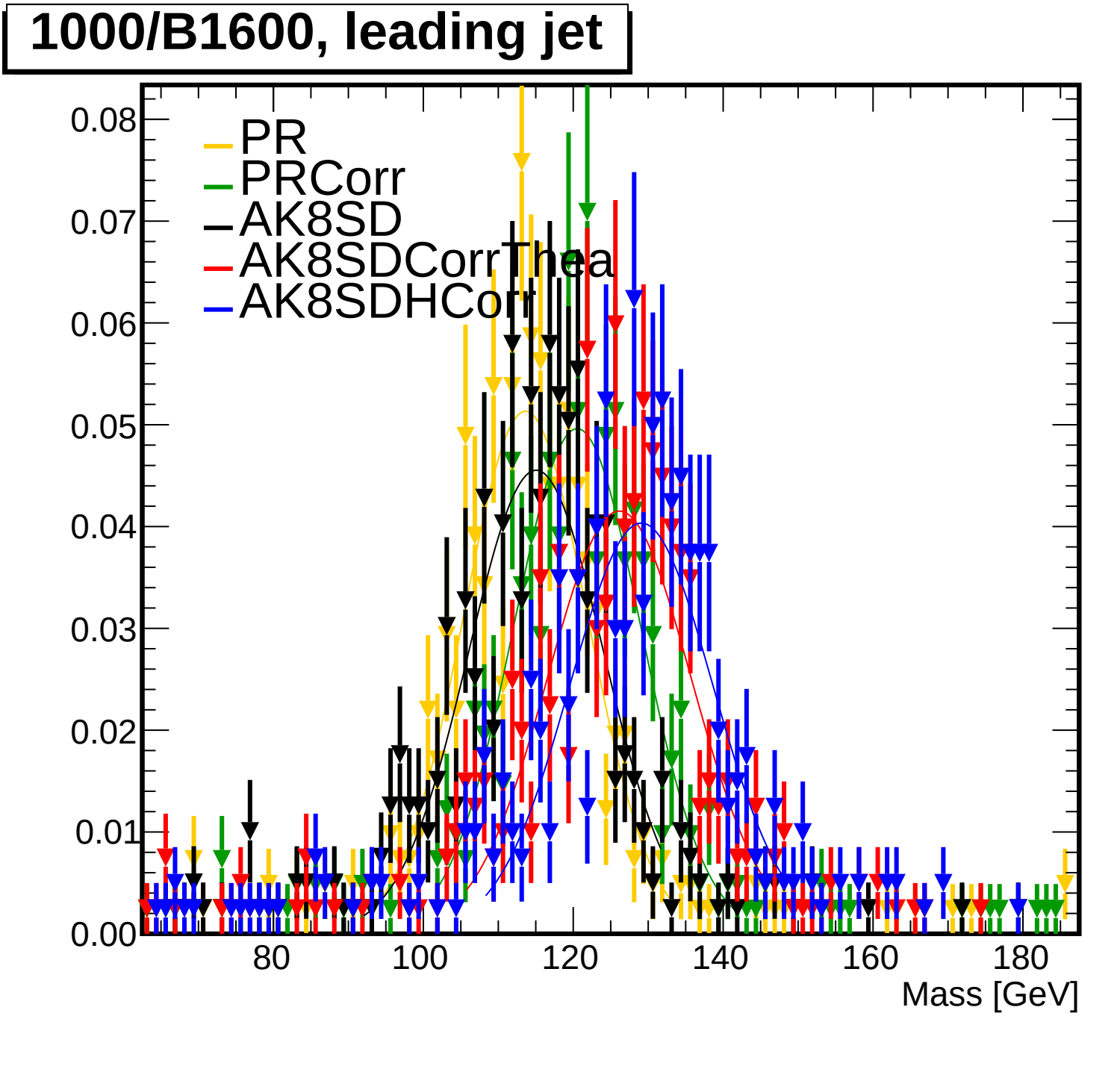
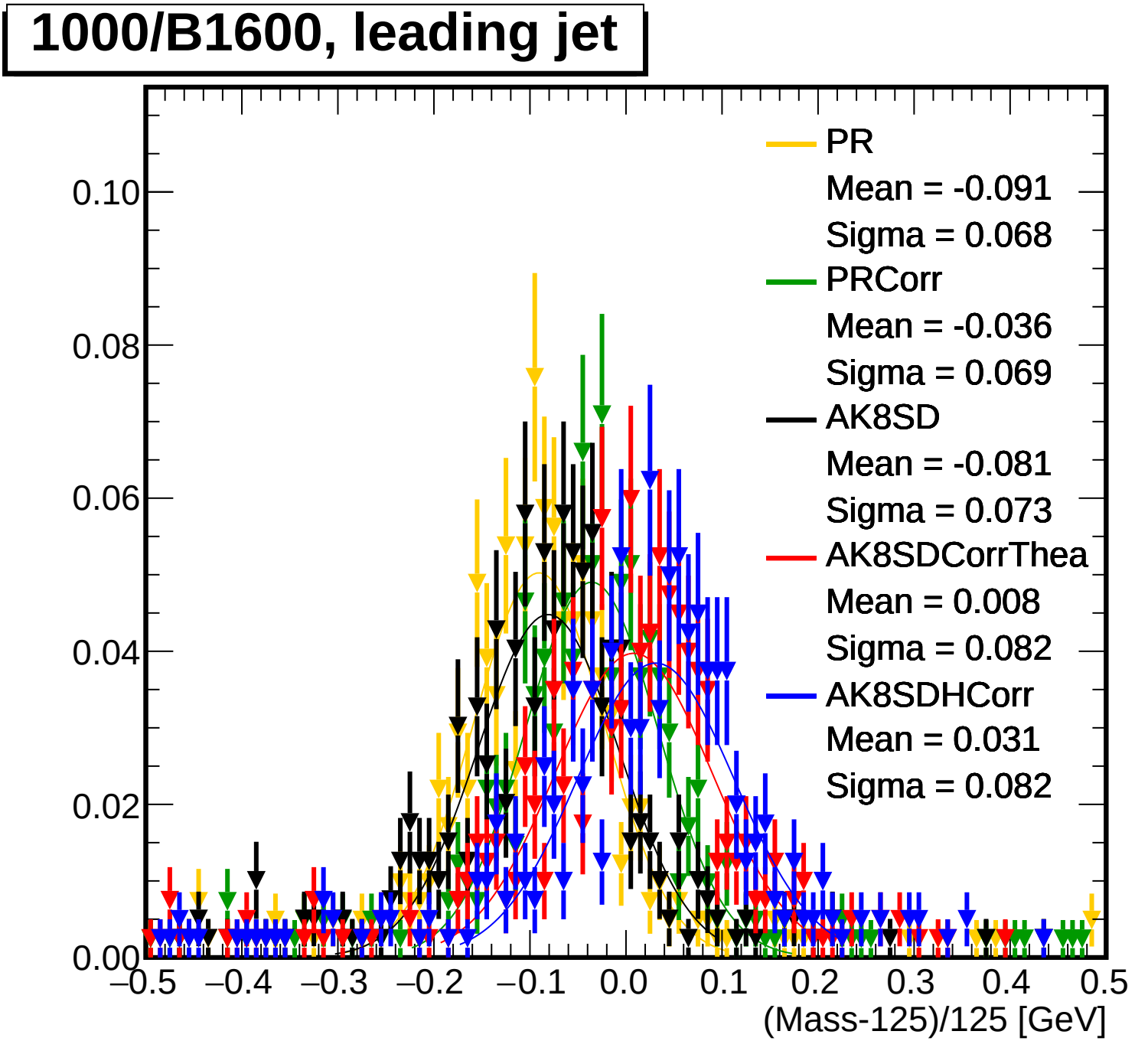
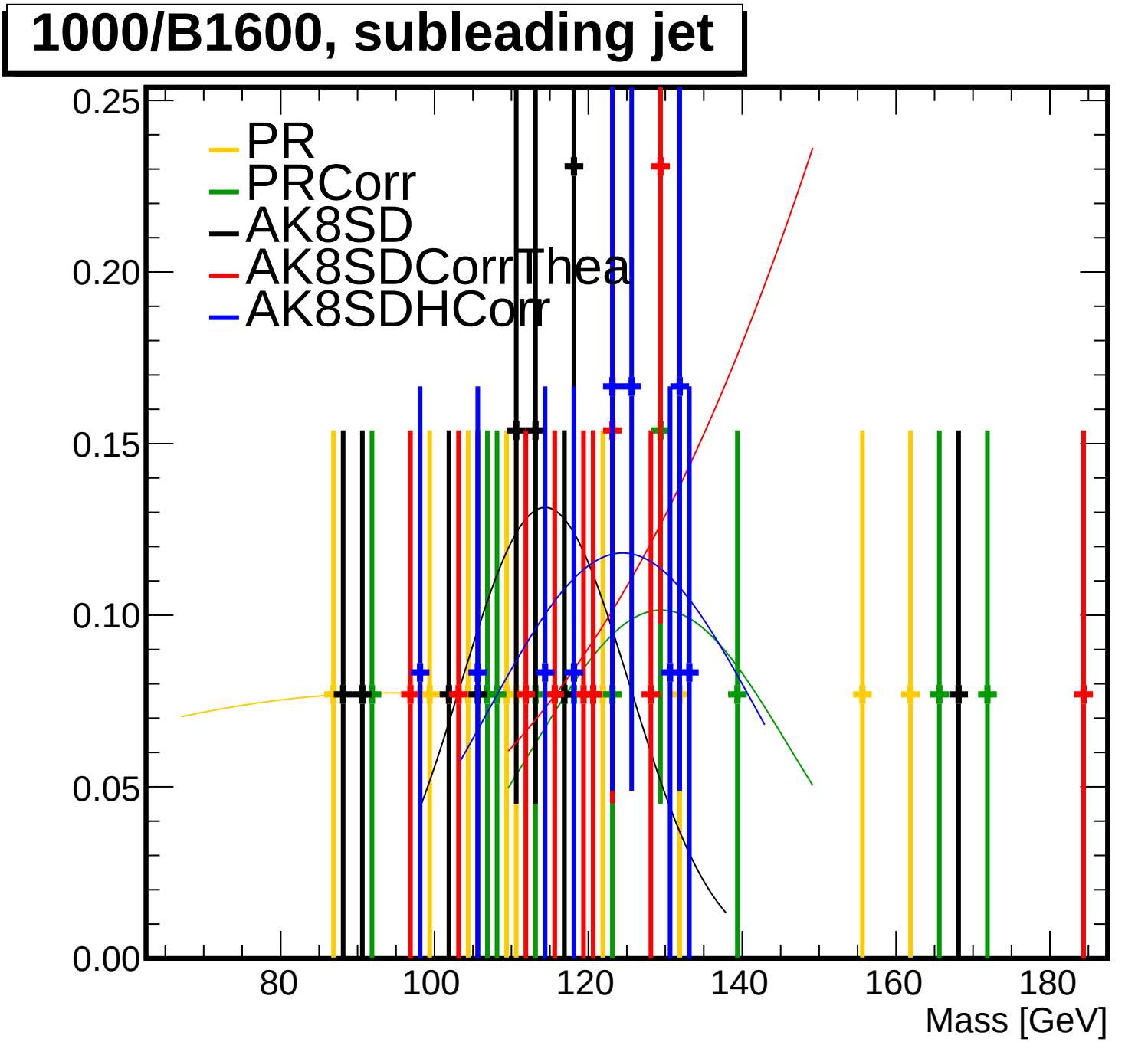
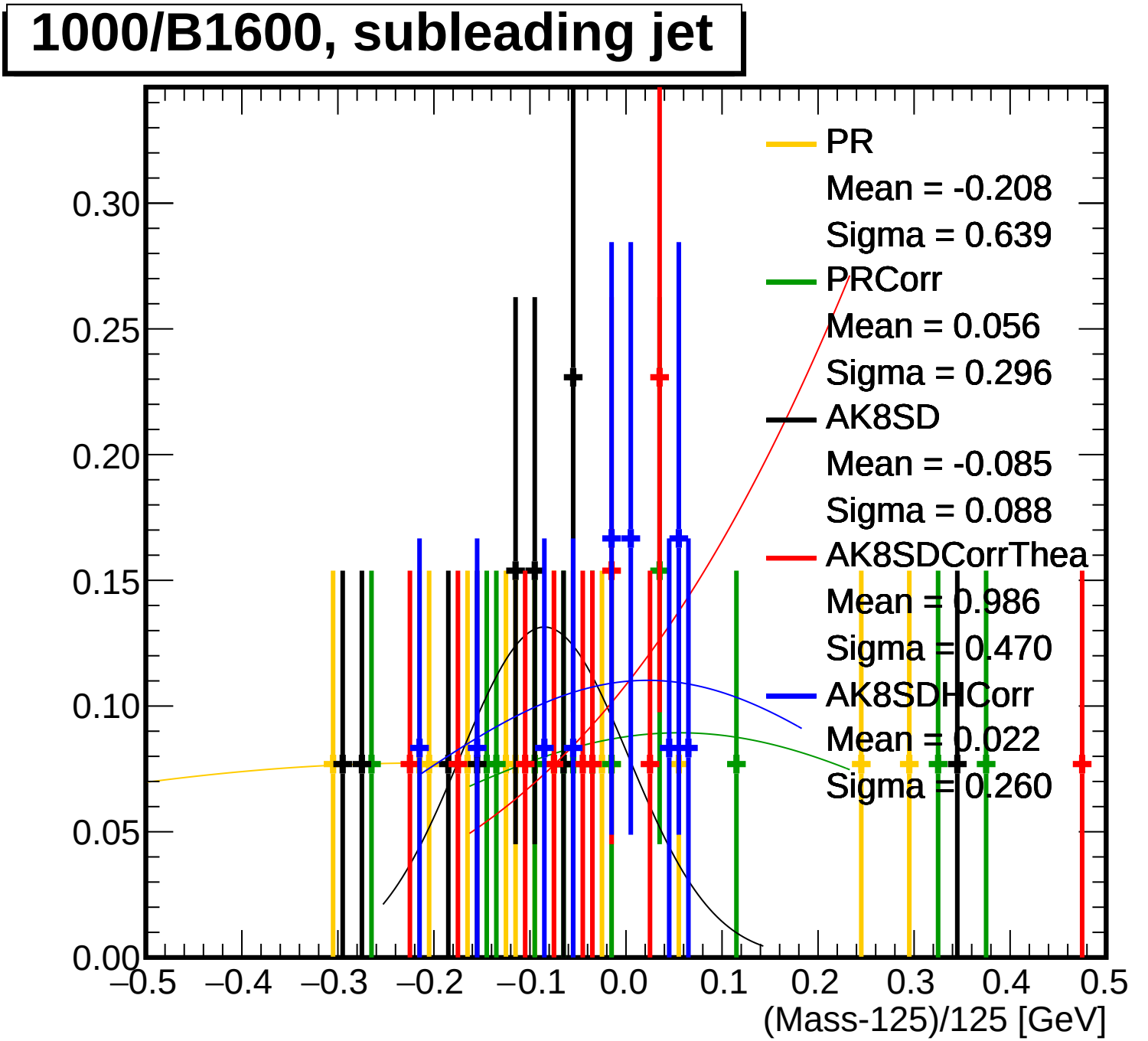
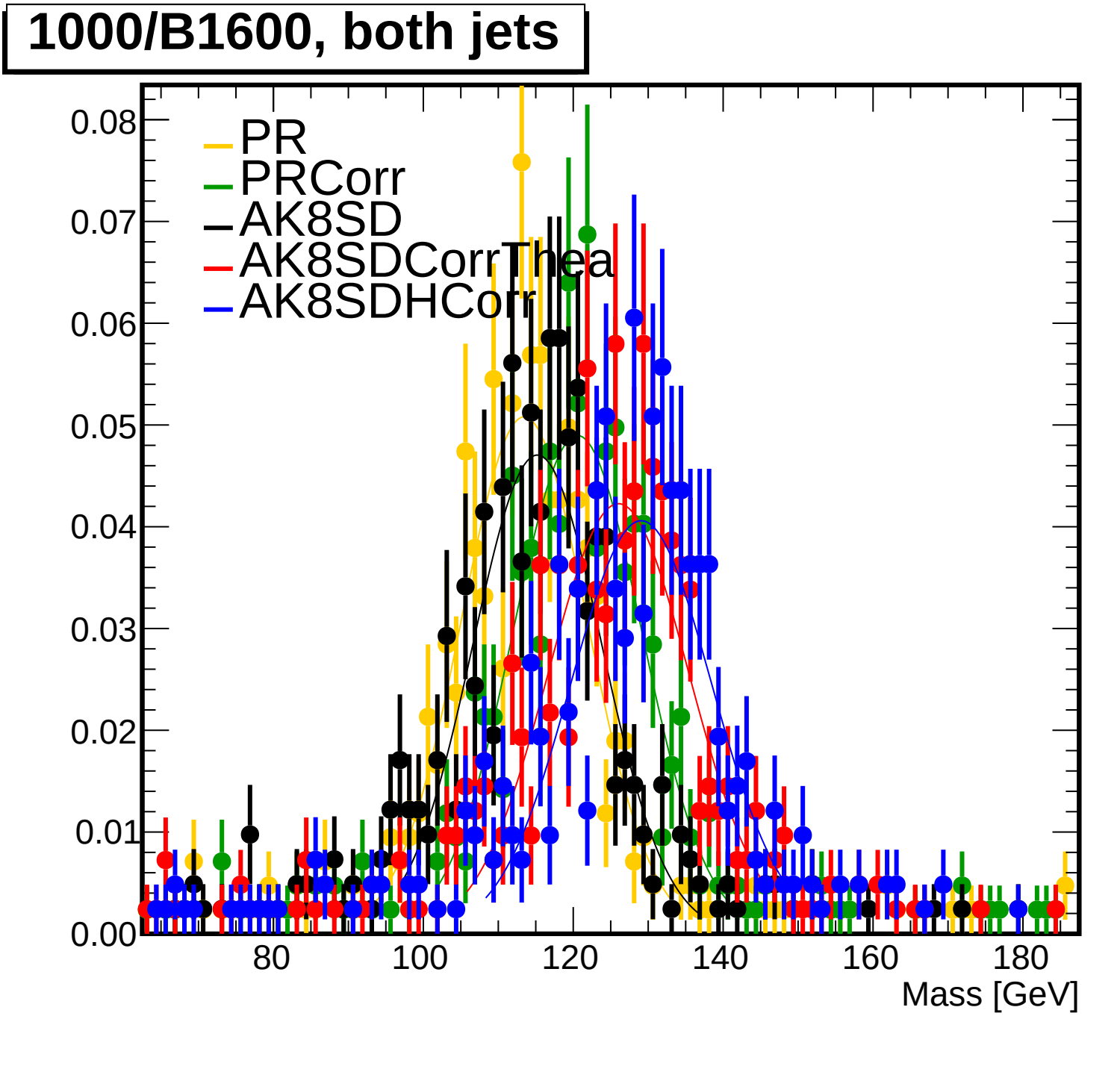
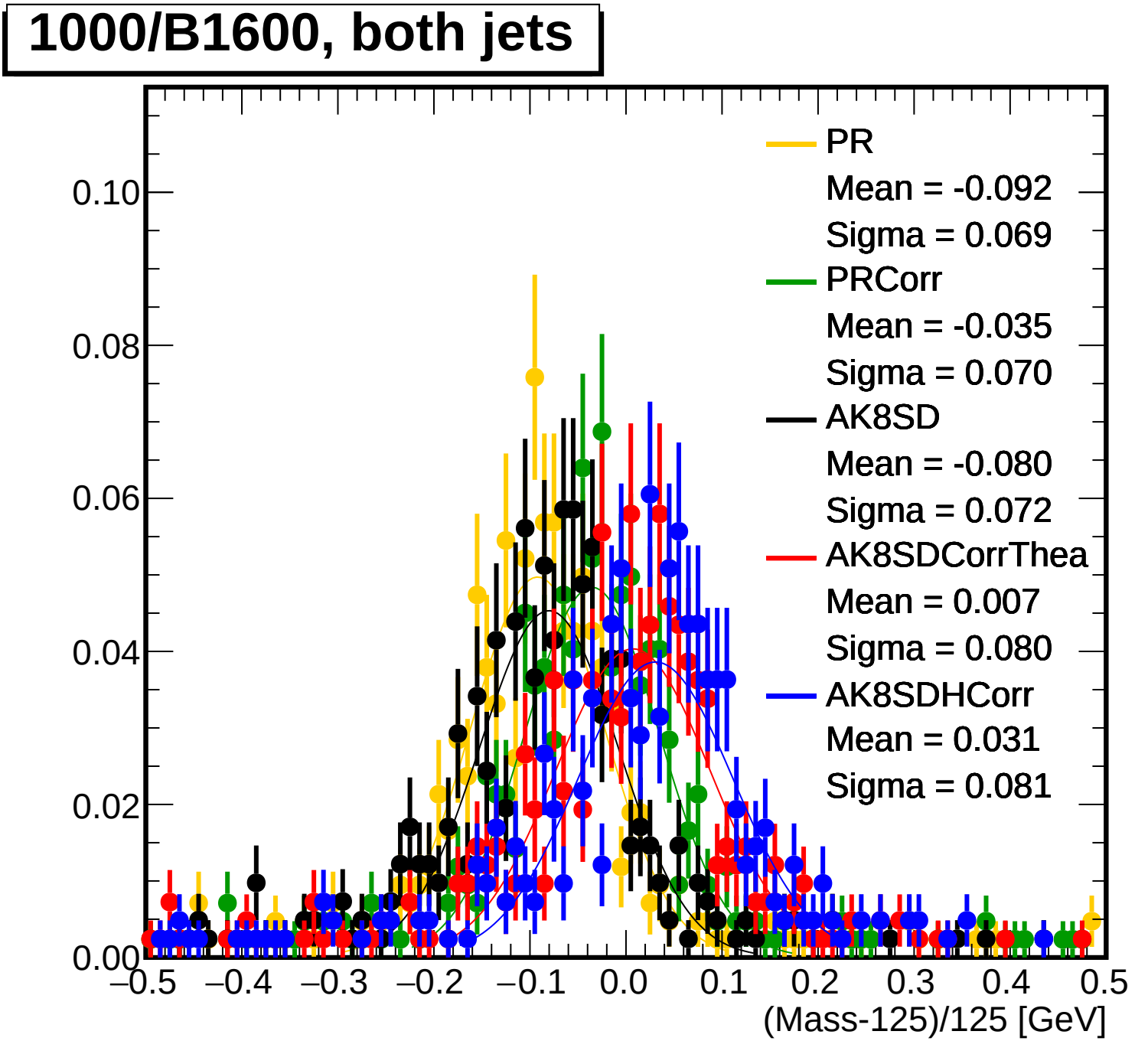

1000/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

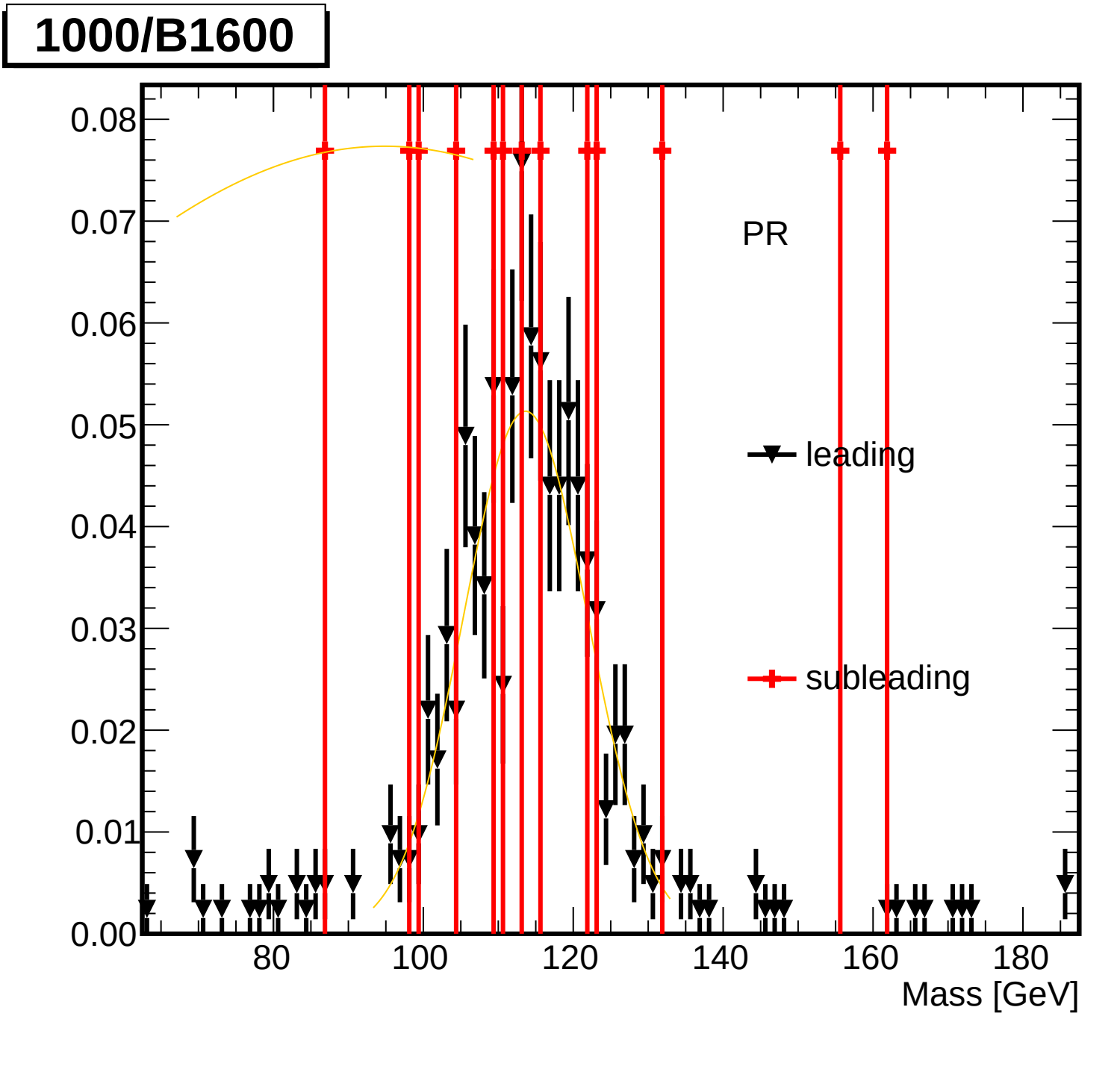

1000/B1600, leading jet
PR
Mean = -0.091
Sigma = 0.068
PRCorr
Mean = -0.036
Sigma = 0.069
AK8SD
Mean = -0.081
Sigma = 0.073
AK8SDCorrThea
Mean = 0.008
Sigma = 0.082
AK8SDHCorr
Mean = 0.031
Sigma = 0.082
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

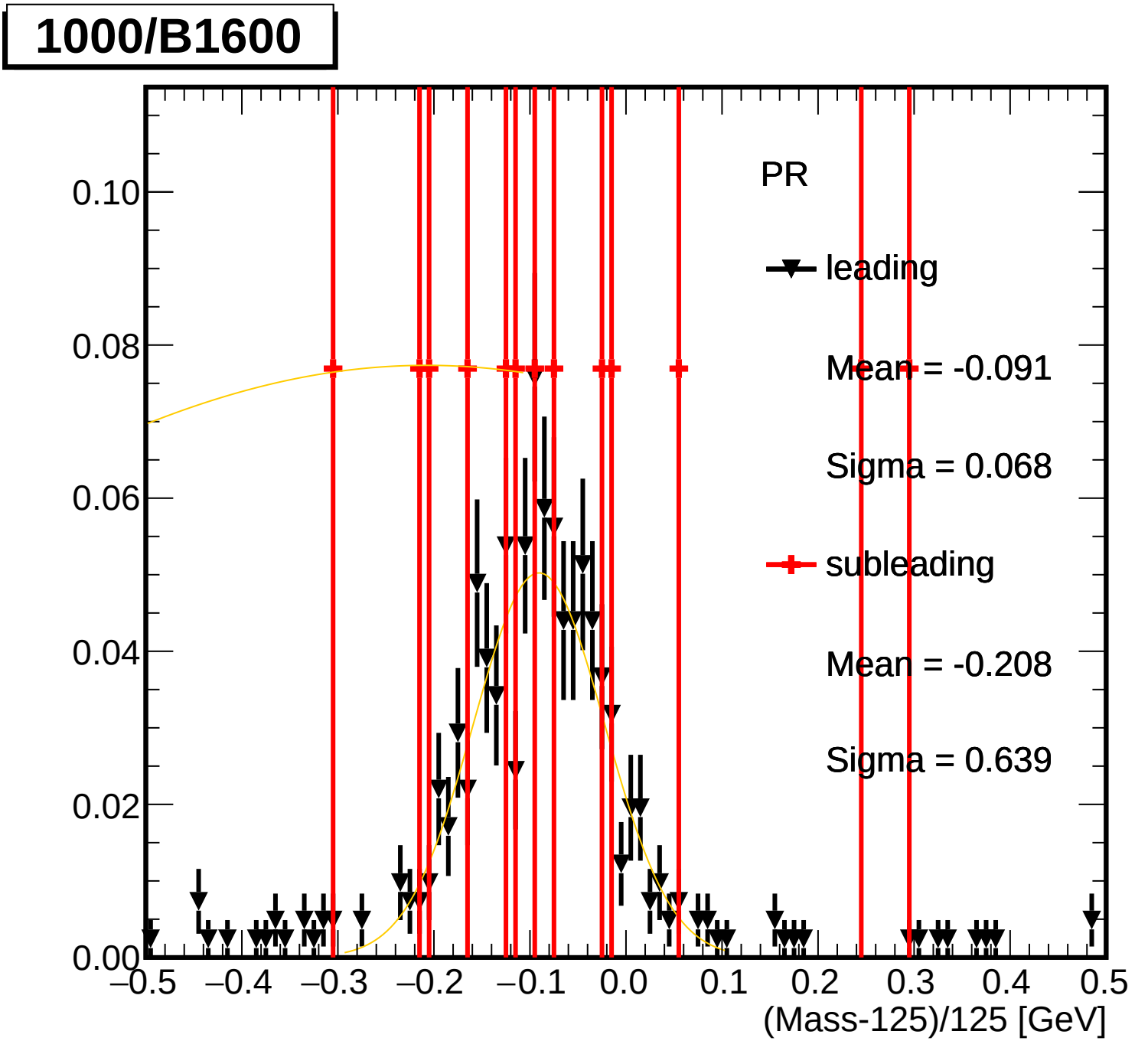

1000/B1600, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

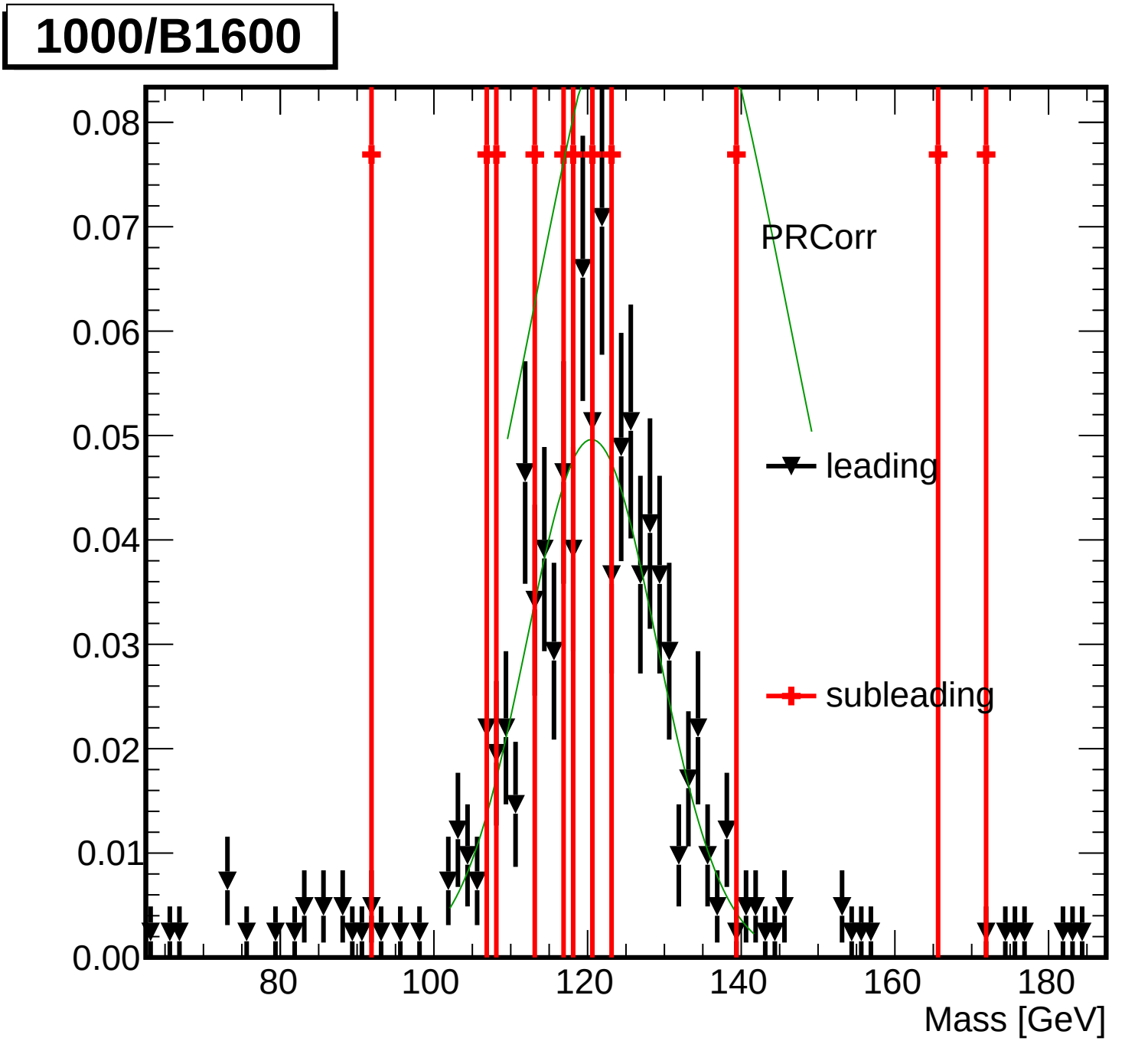

1000/B1600, subleading jet
PR
Mean = -0.208
Sigma = 0.639
PRCorr
Mean = 0.056
Sigma = 0.296
AK8SD
Mean = -0.085
Sigma = 0.088
AK8SDCorrThea
Mean = 0.986
Sigma = 0.470
AK8SDHCorr
Mean = 0.022
Sigma = 0.260
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

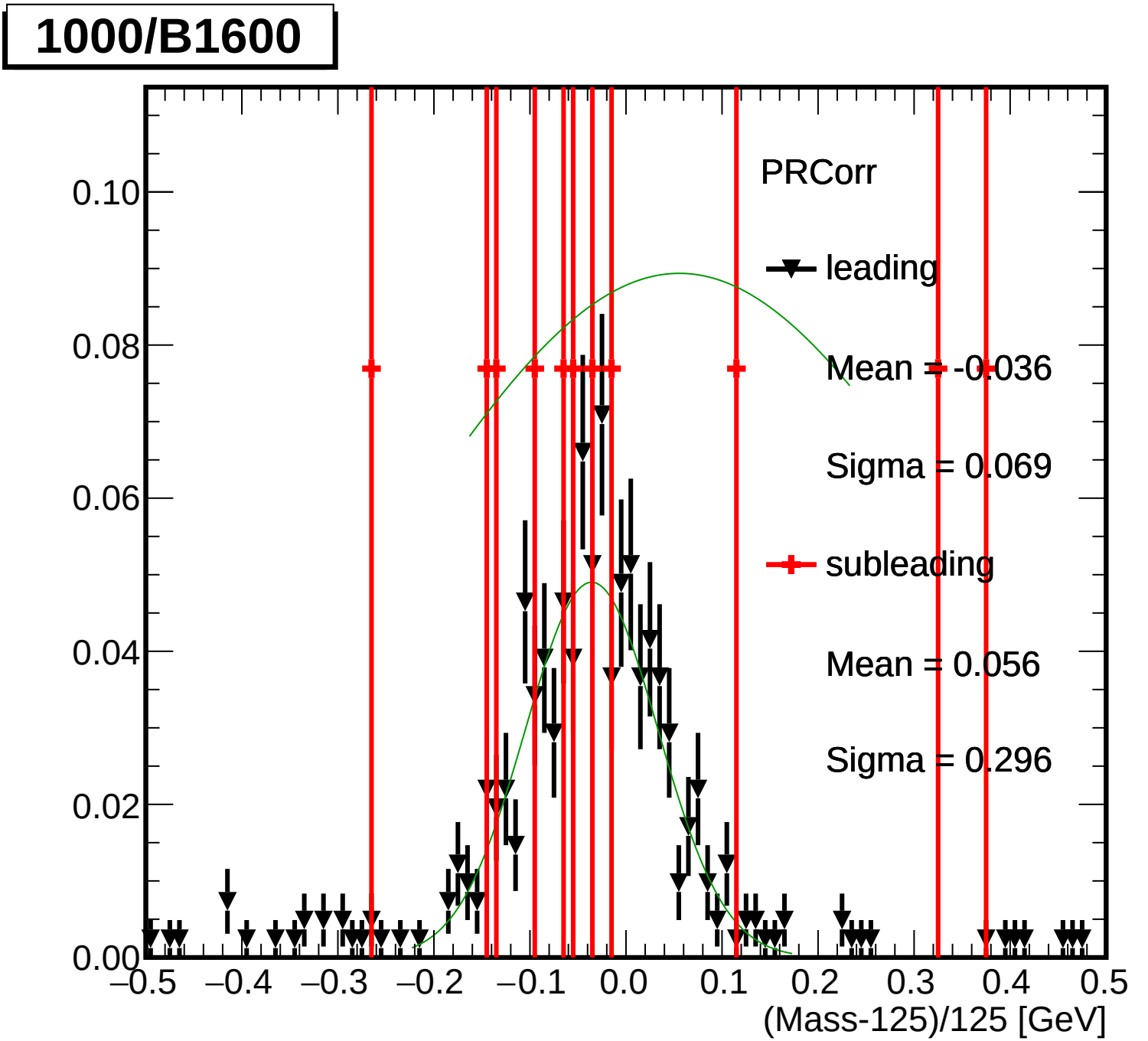

1000/B1600, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

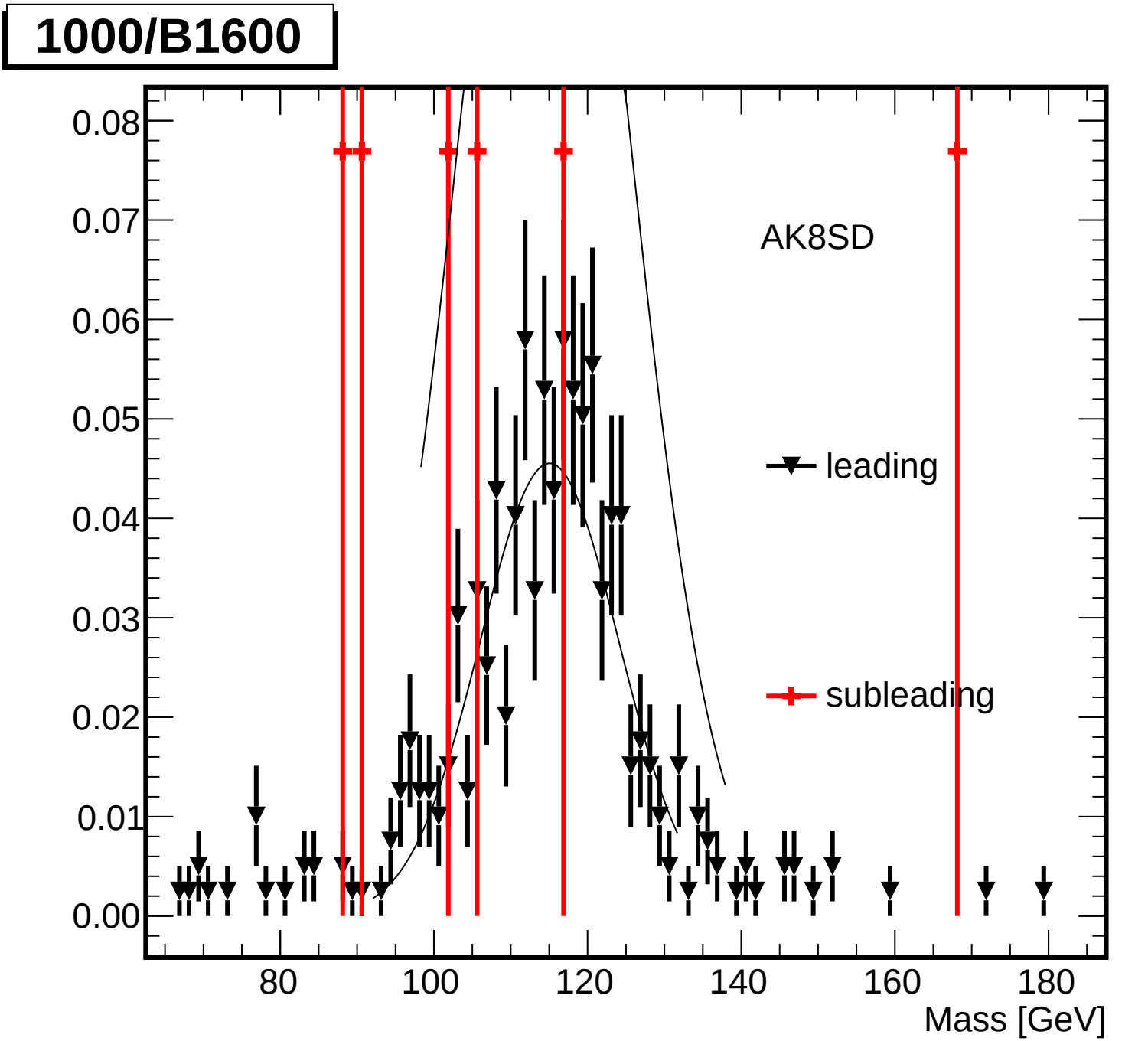

1000/B1600, both jets
PR
Mean = -0.092
Sigma = 0.069
PRCorr
Mean = -0.035
Sigma = 0.070
AK8SD
Mean = -0.080
Sigma = 0.072
AK8SDCorrThea
Mean = 0.007
Sigma = 0.080
AK8SDHCorr
Mean = 0.031
Sigma = 0.081
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

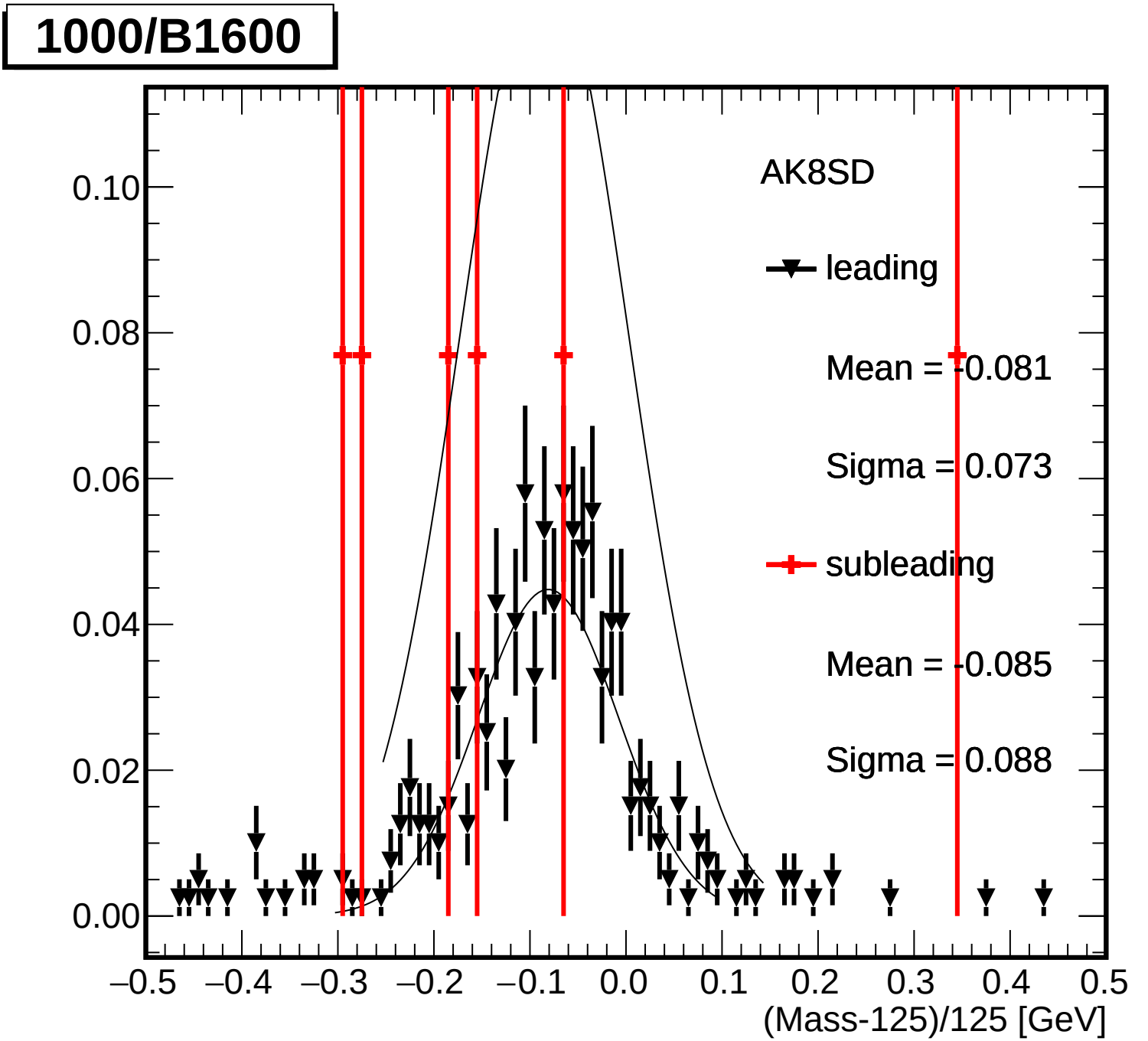

1000/B1600
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

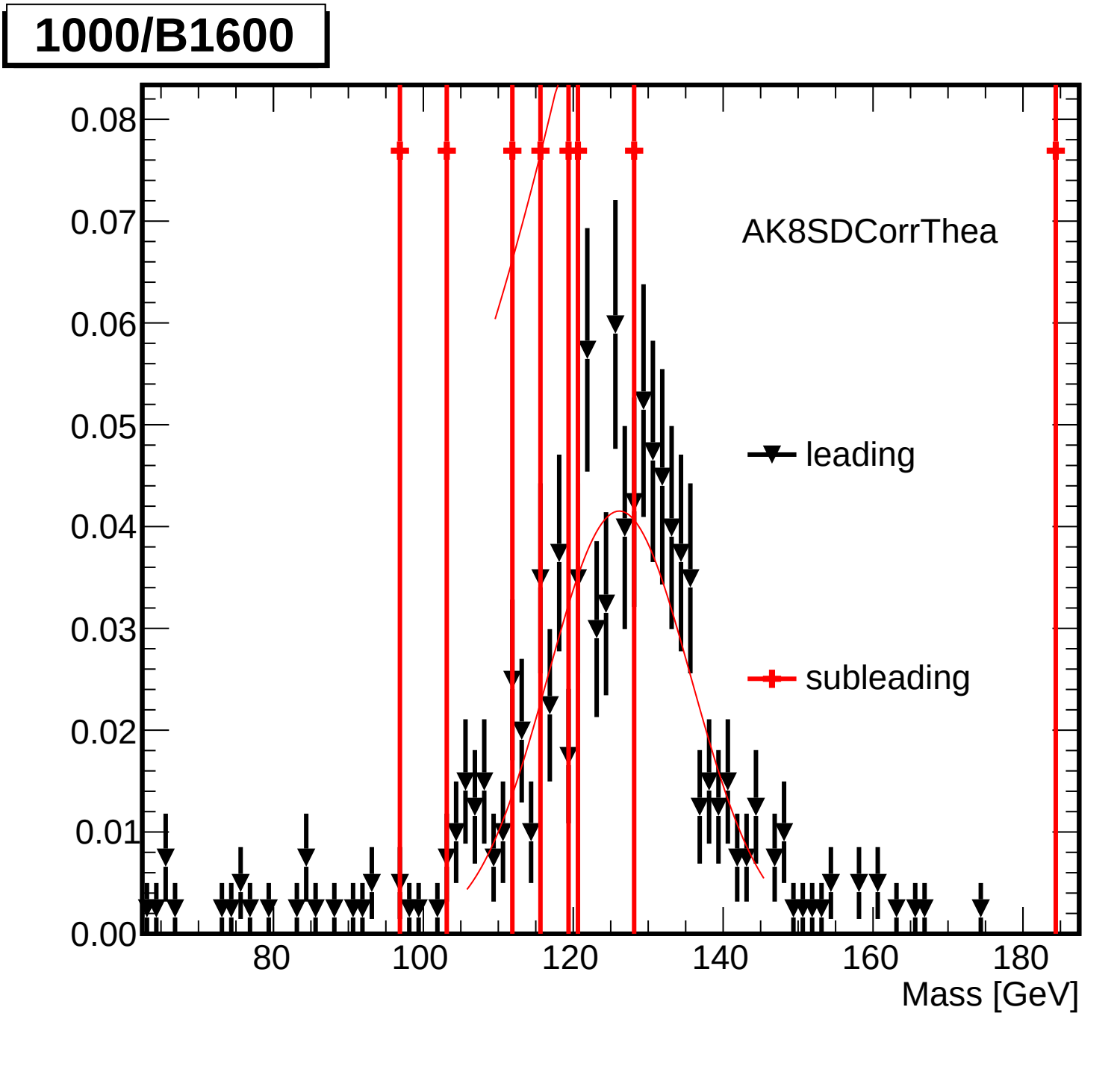

1000/B1600
PR
leading
Mean = -0.091
Sigma = 0.068
subleading
Mean = -0.208
Sigma = 0.639
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

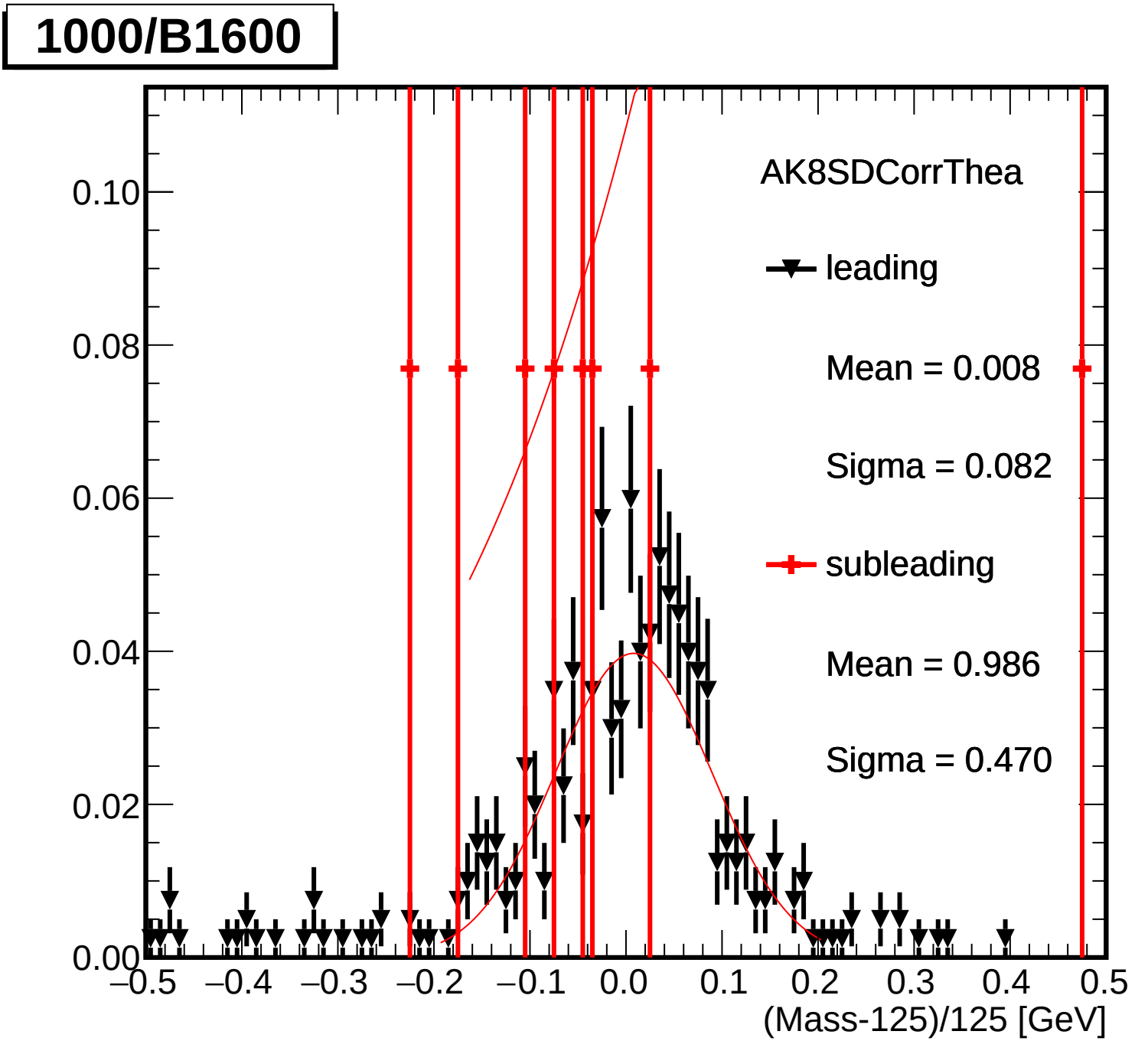

1000/B1600
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

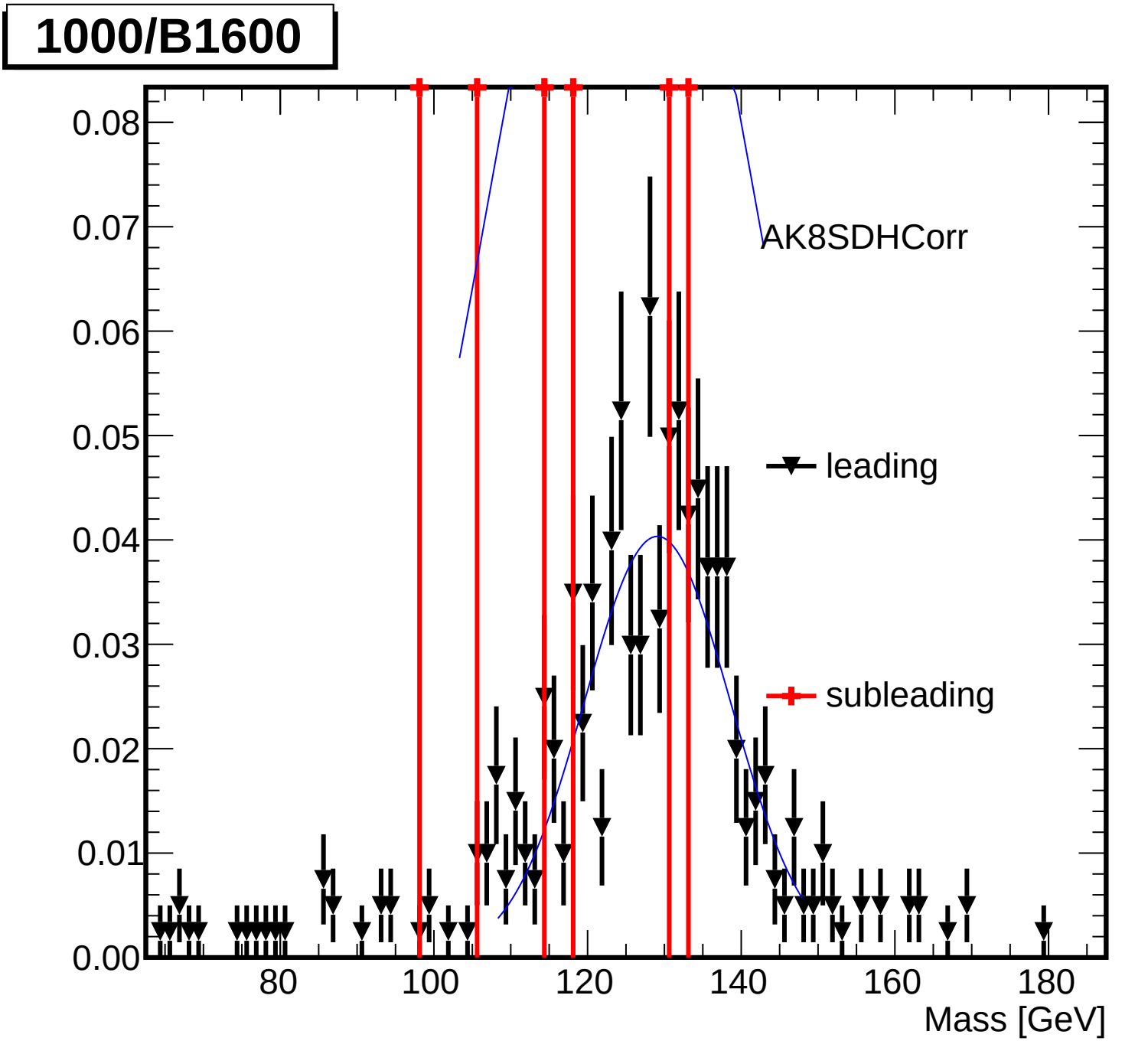

1000/B1600
PRCorr
leading
Mean = -0.036
Sigma = 0.069
subleading
Mean = 0.056
Sigma = 0.296
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

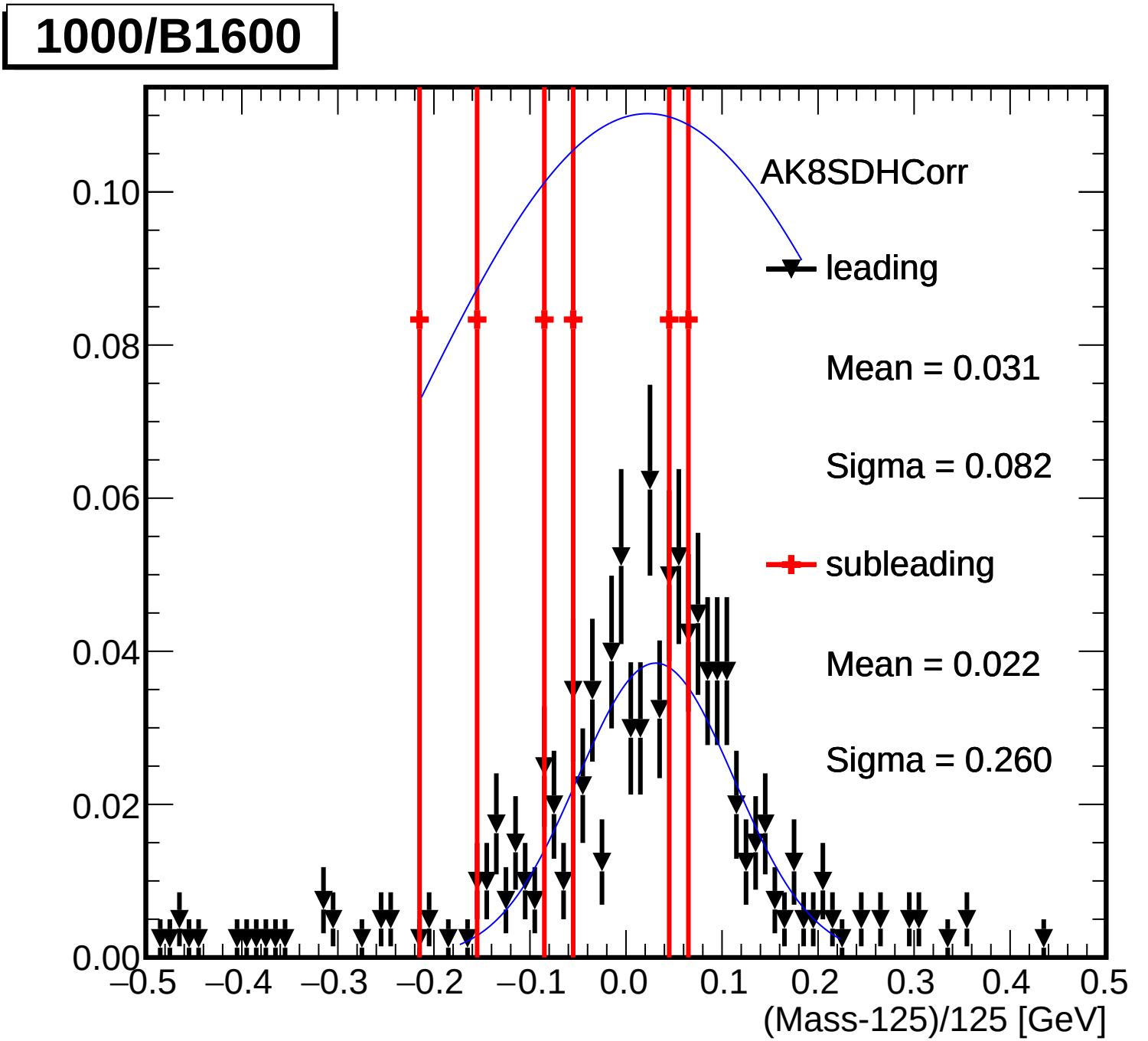

1000/B1600
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


1000/B1600
AK8SD
leading
Mean = -0.081
Sigma = 0.073
subleading
Mean = -0.085
Sigma = 0.088
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/B1600
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/B1600
AK8SDCorrThea
leading
Mean = 0.008
Sigma = 0.082
subleading
Mean = 0.986
Sigma = 0.470
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/B1600
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]
AK8SDHCorr
leading
subleading


1000/B1600
AK8SDHCorr
leading
Mean = 0.031
Sigma = 0.082
subleading
Mean = 0.022
Sigma = 0.260
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]