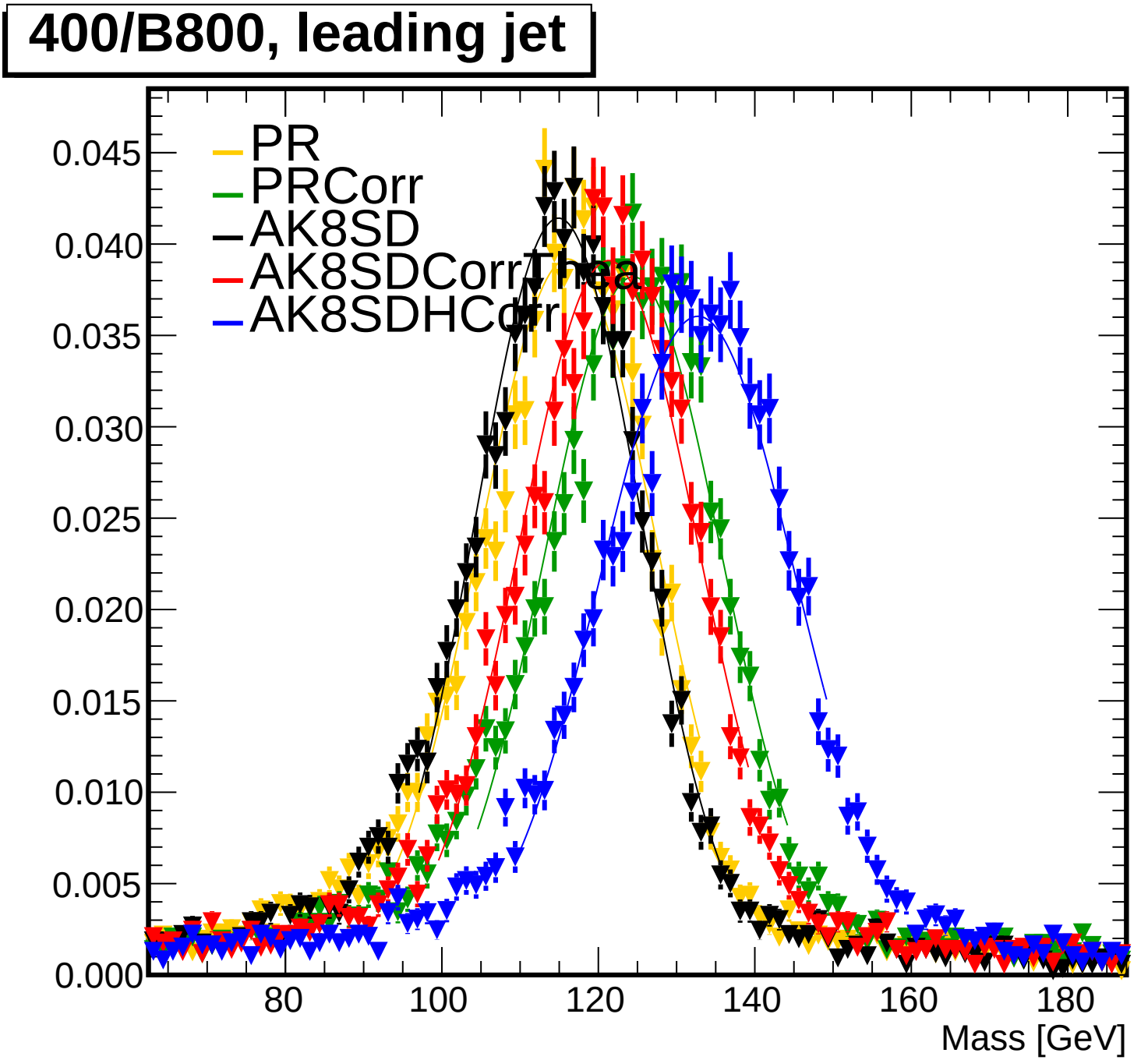
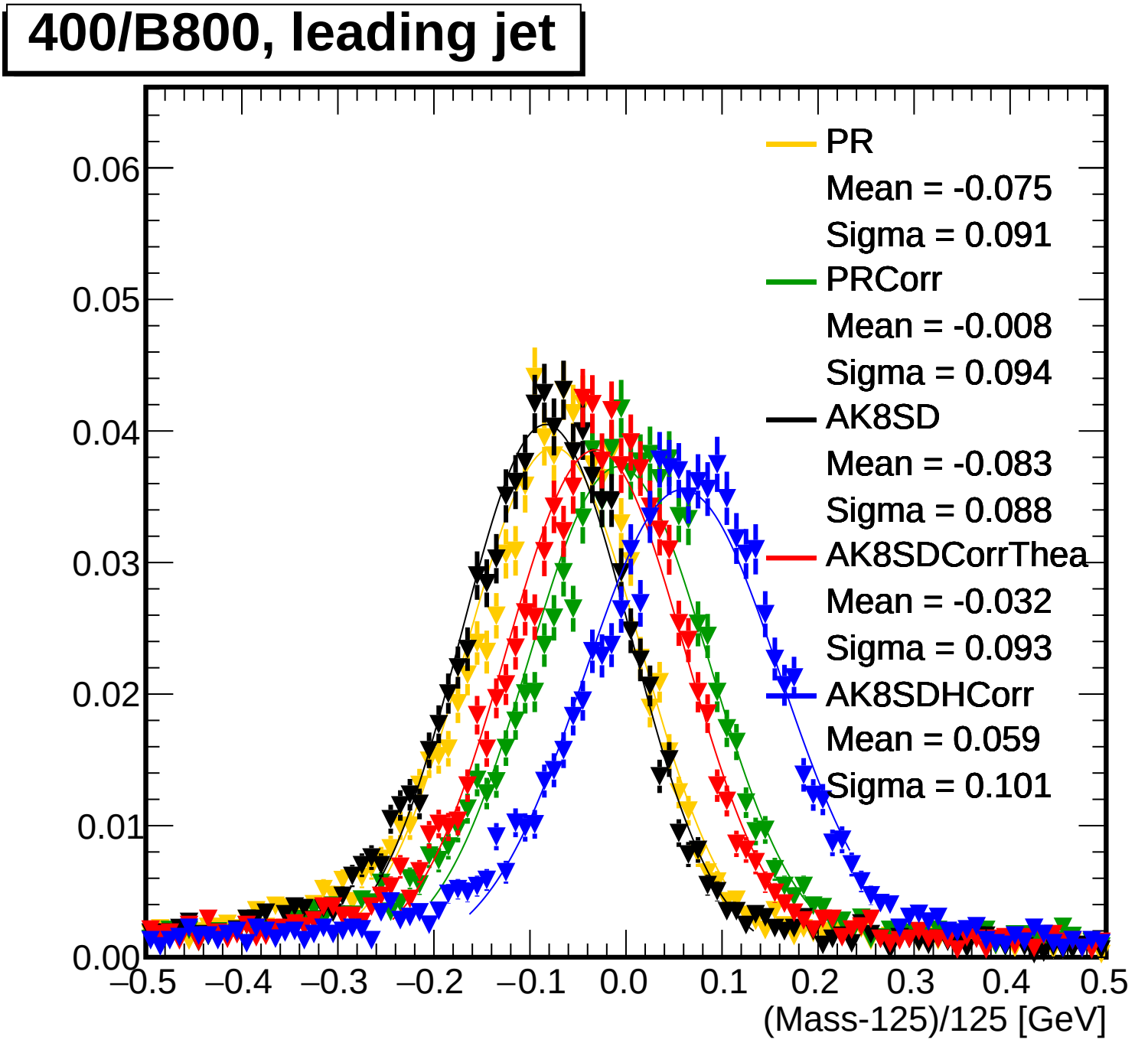
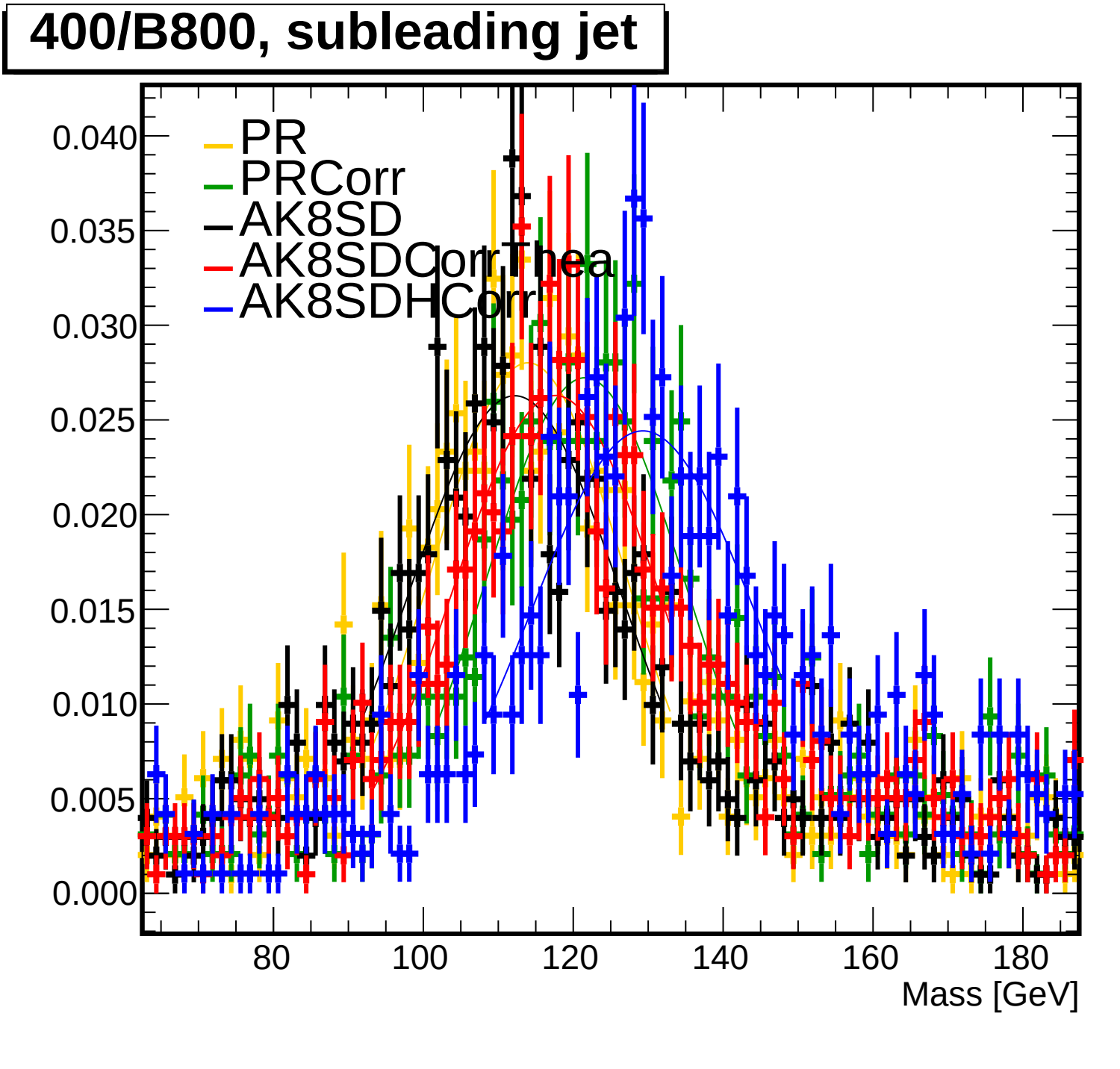
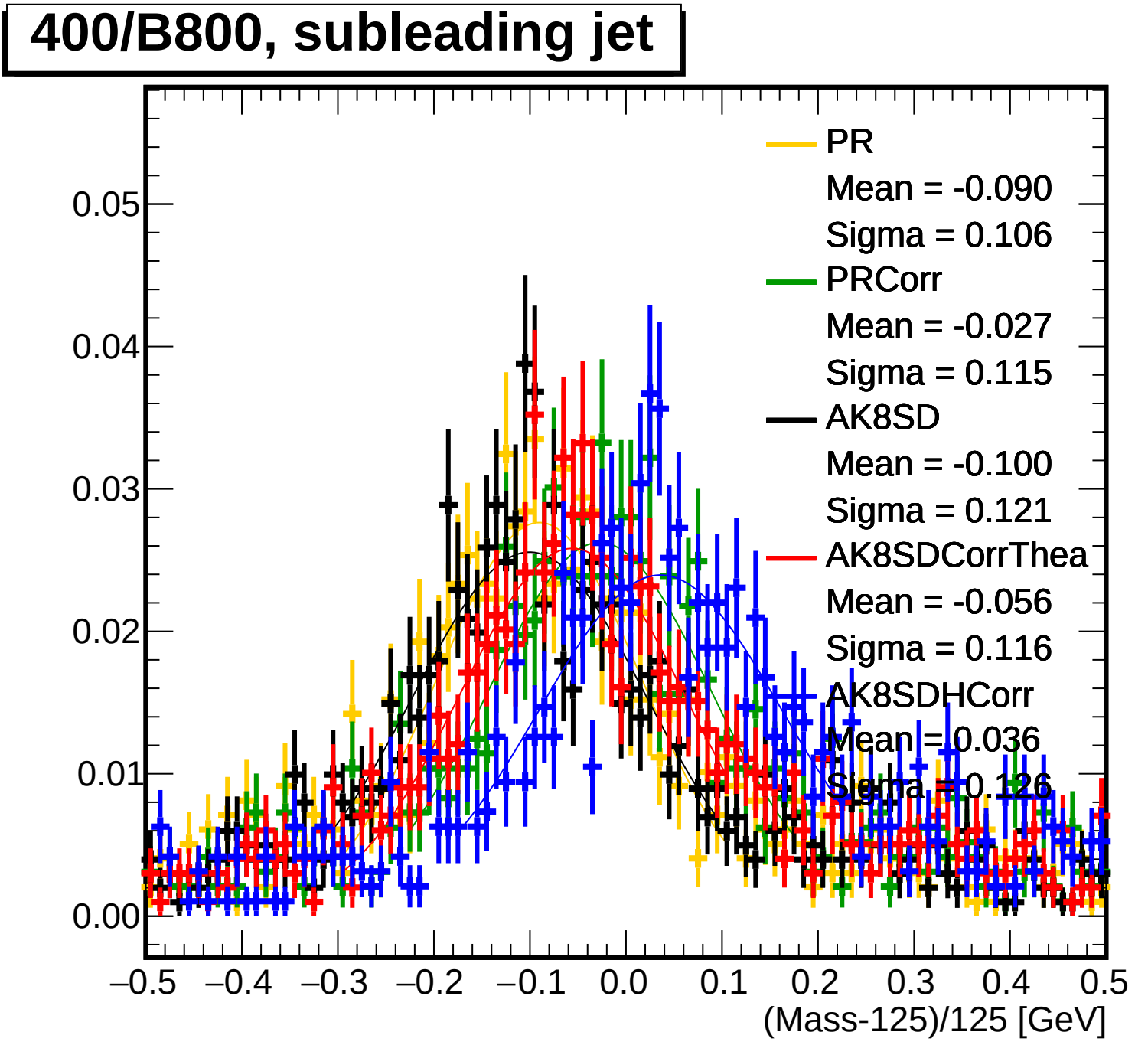
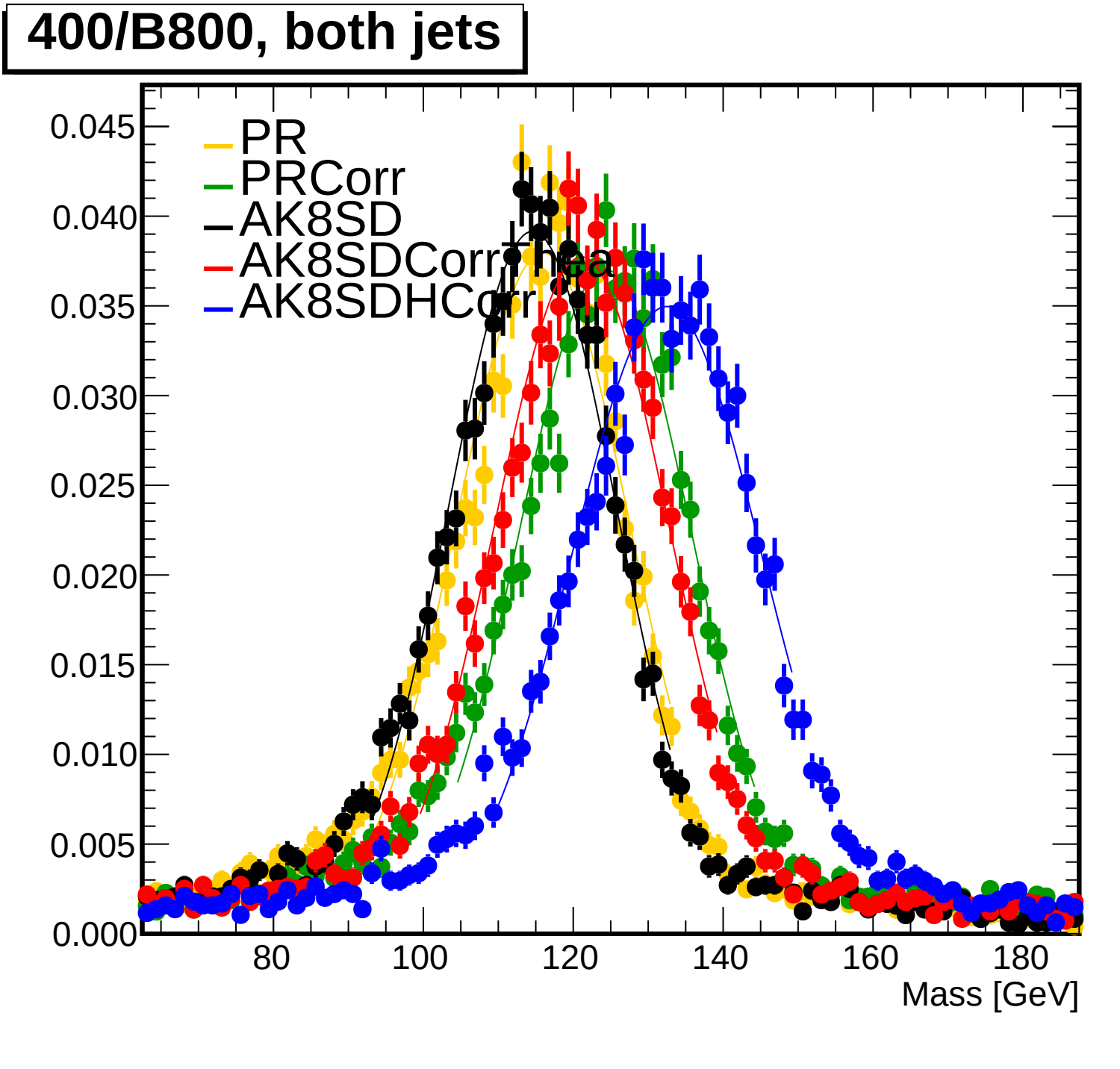
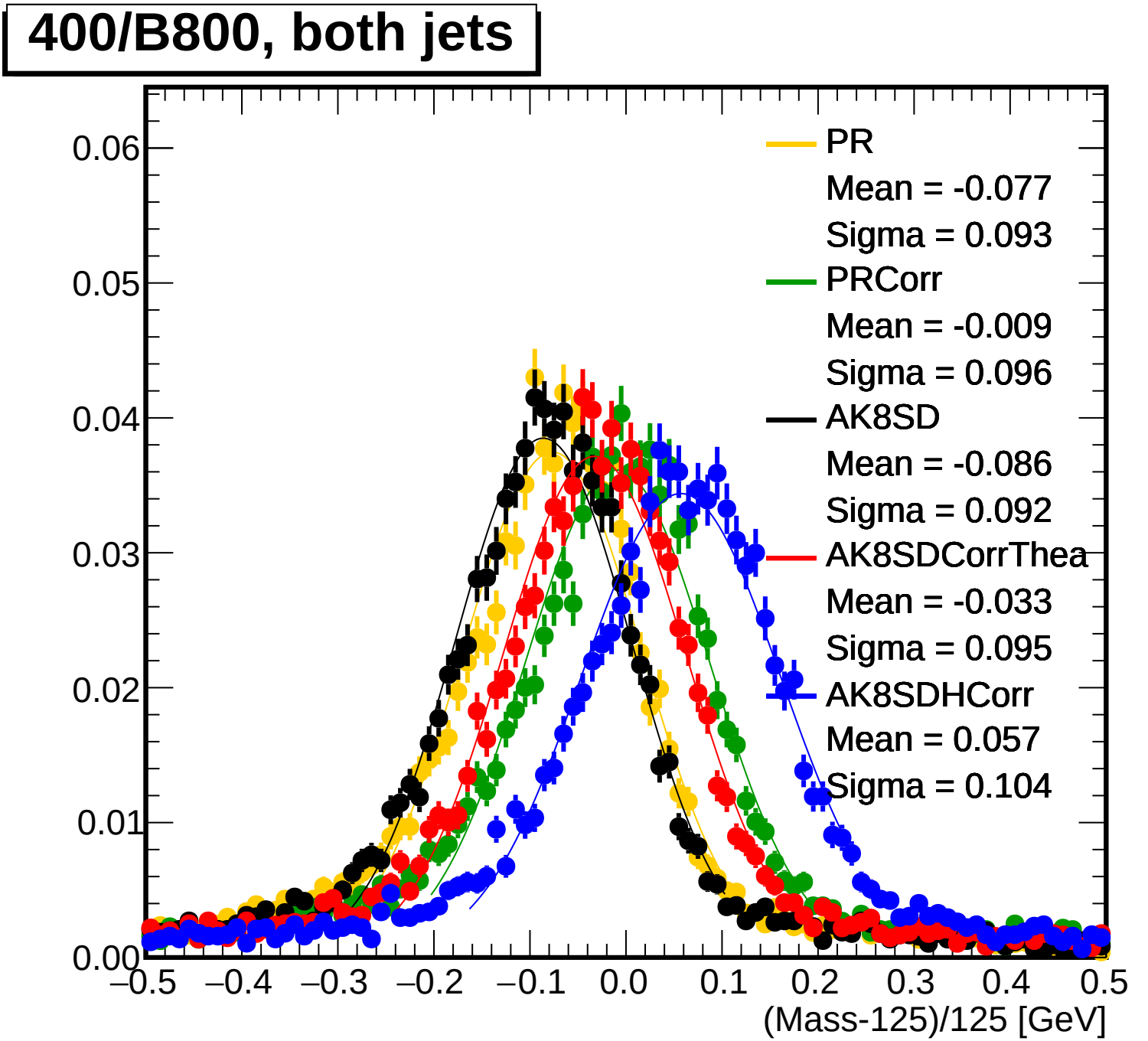

400/B800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrTheta
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

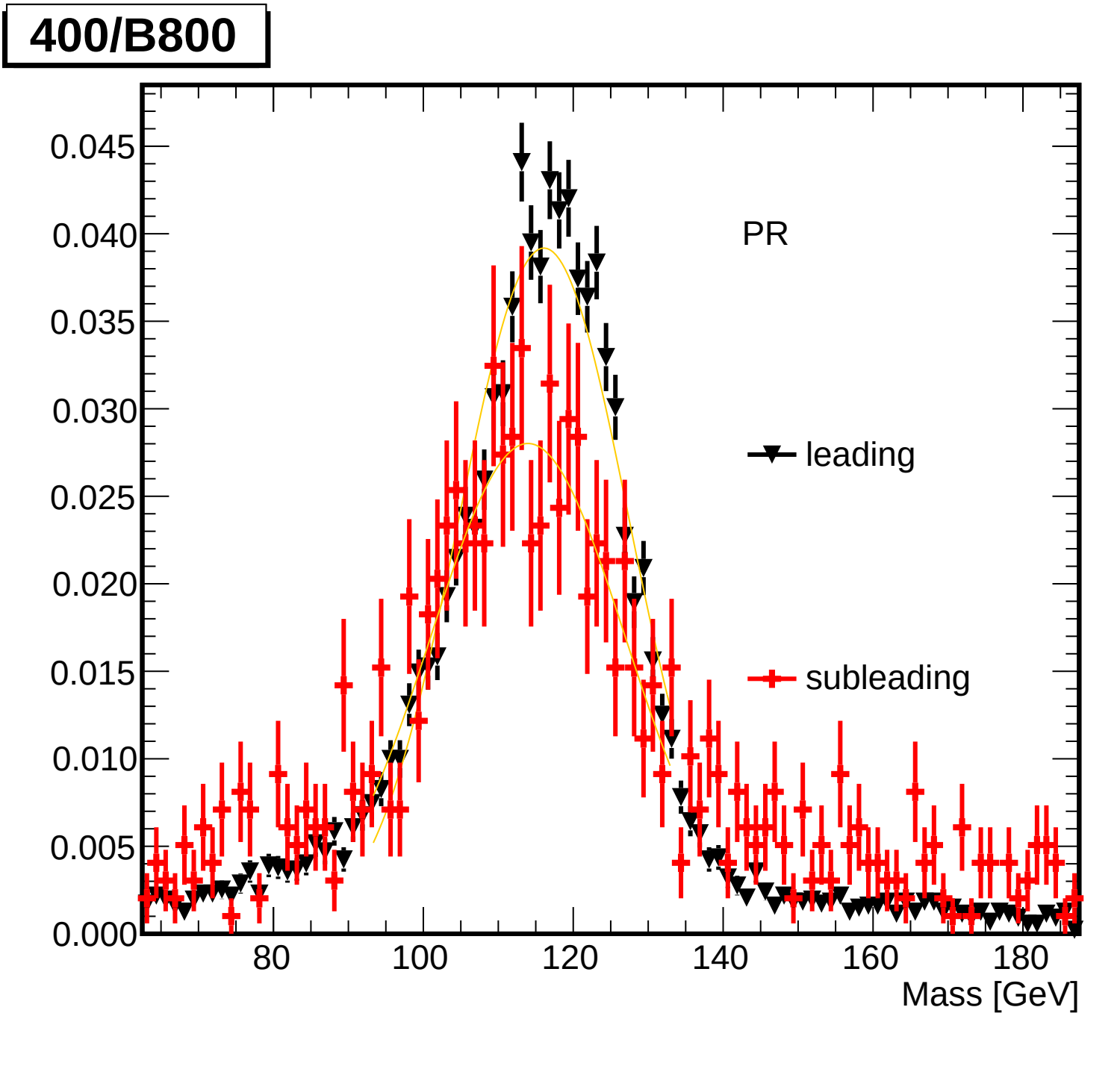

400/B800, leading jet
PR
Mean = -0.075
Sigma = 0.091
PRCorr
Mean = -0.008
Sigma = 0.094
AK8SD
Mean = -0.083
Sigma = 0.088
AK8SDCorrThea
Mean = -0.032
Sigma = 0.093
AK8SDHCorr
Mean = 0.059
Sigma = 0.101
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

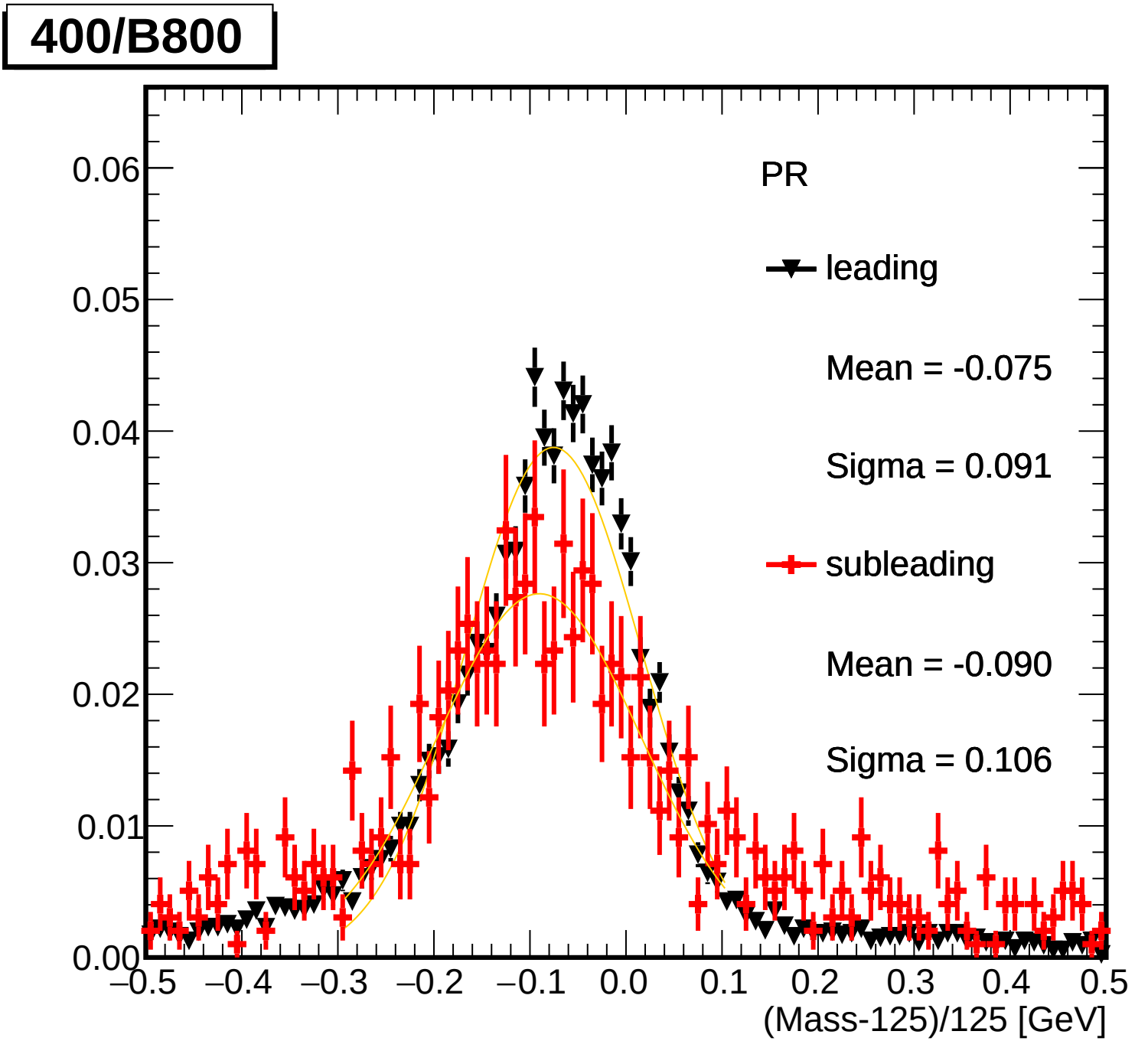

400/B800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

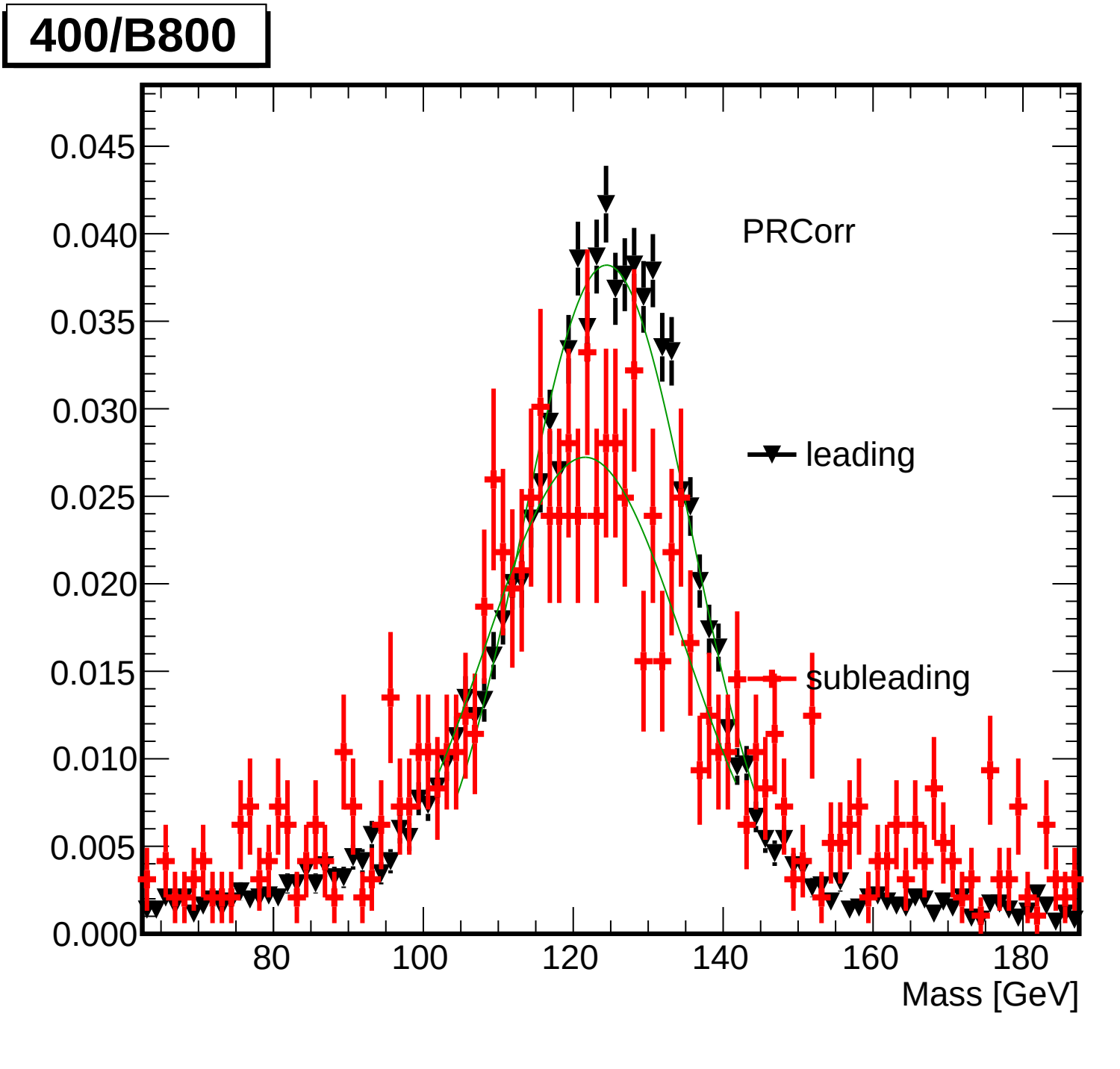

400/B800, subleading jet
PR
Mean = -0.090
Sigma = 0.106
PRCorr
Mean = -0.027
Sigma = 0.115
AK8SD
Mean = -0.100
Sigma = 0.121
AK8SDCorrThea
Mean = -0.056
Sigma = 0.116
AK8SDHCorr
Mean = 0.036
Sigma = 0.126
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

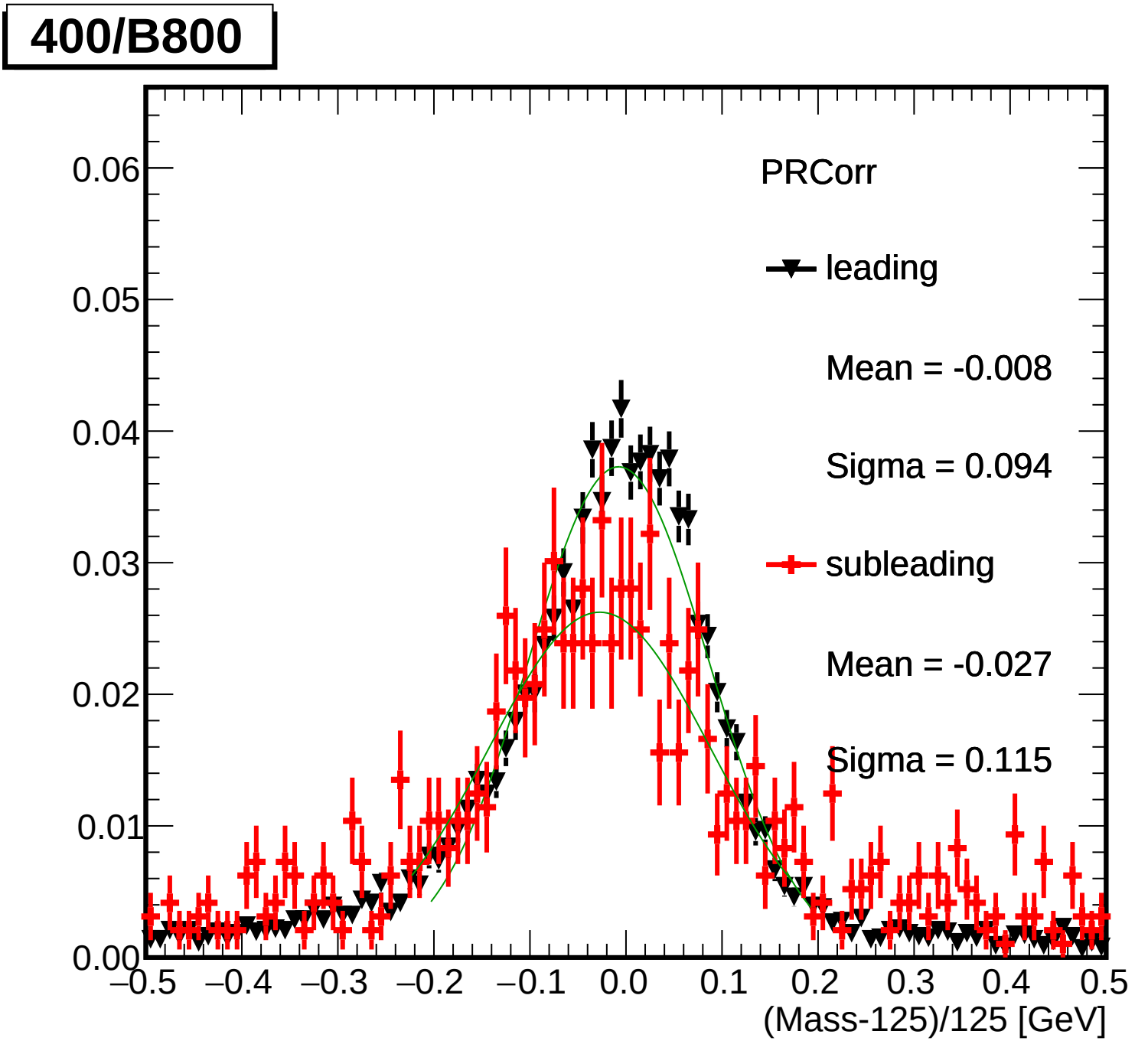

400/B800, both jets
PR
PRCorr
AK8SD
AK8SDCorrTheta
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

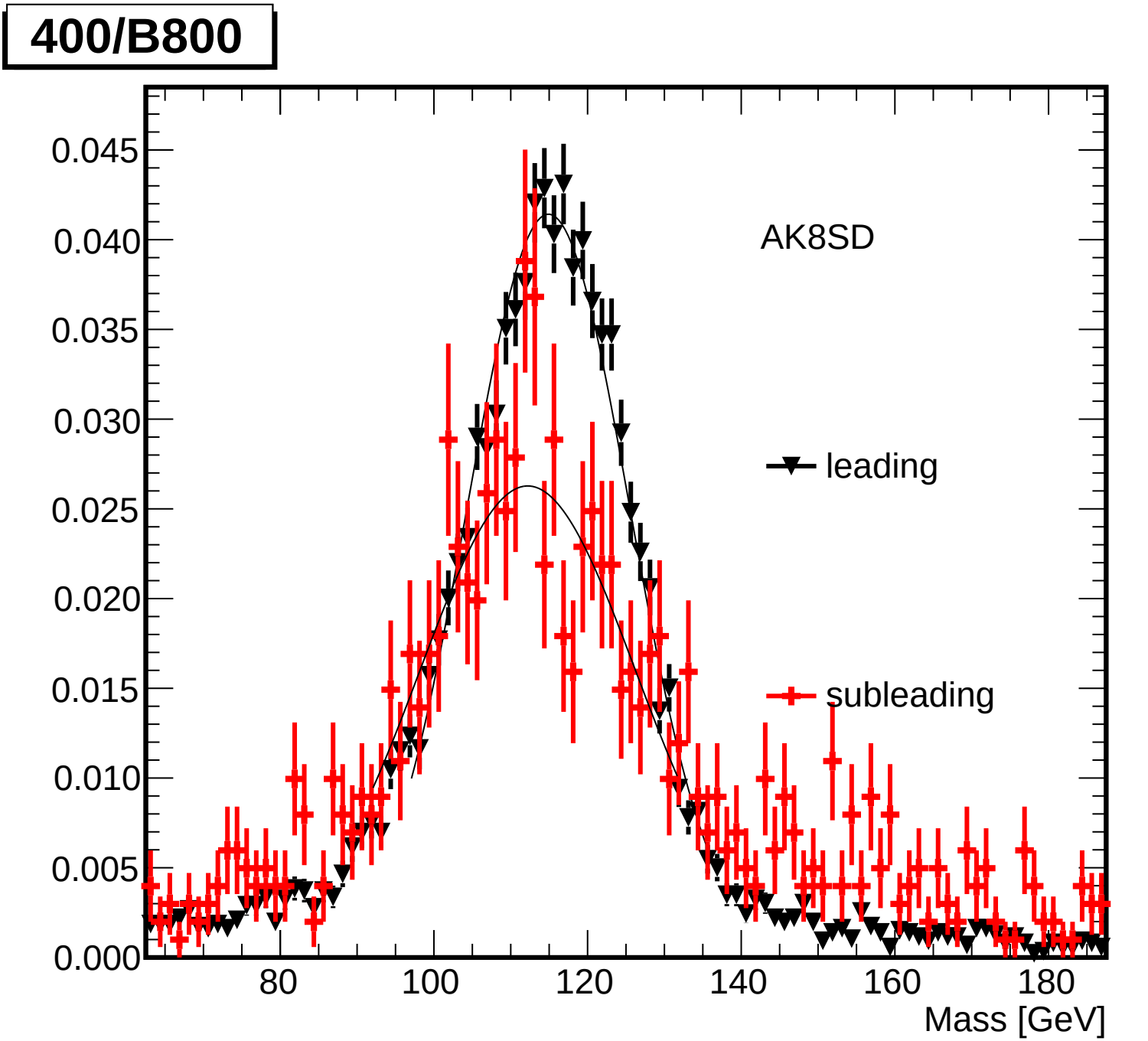

400/B800, both jets
PR
Mean = -0.077
Sigma = 0.093
PRCorr
Mean = -0.009
Sigma = 0.096
AK8SD
Mean = -0.086
Sigma = 0.092
AK8SDCorrThea
Mean = -0.033
Sigma = 0.095
AK8SDHCorr
Mean = 0.057
Sigma = 0.104
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

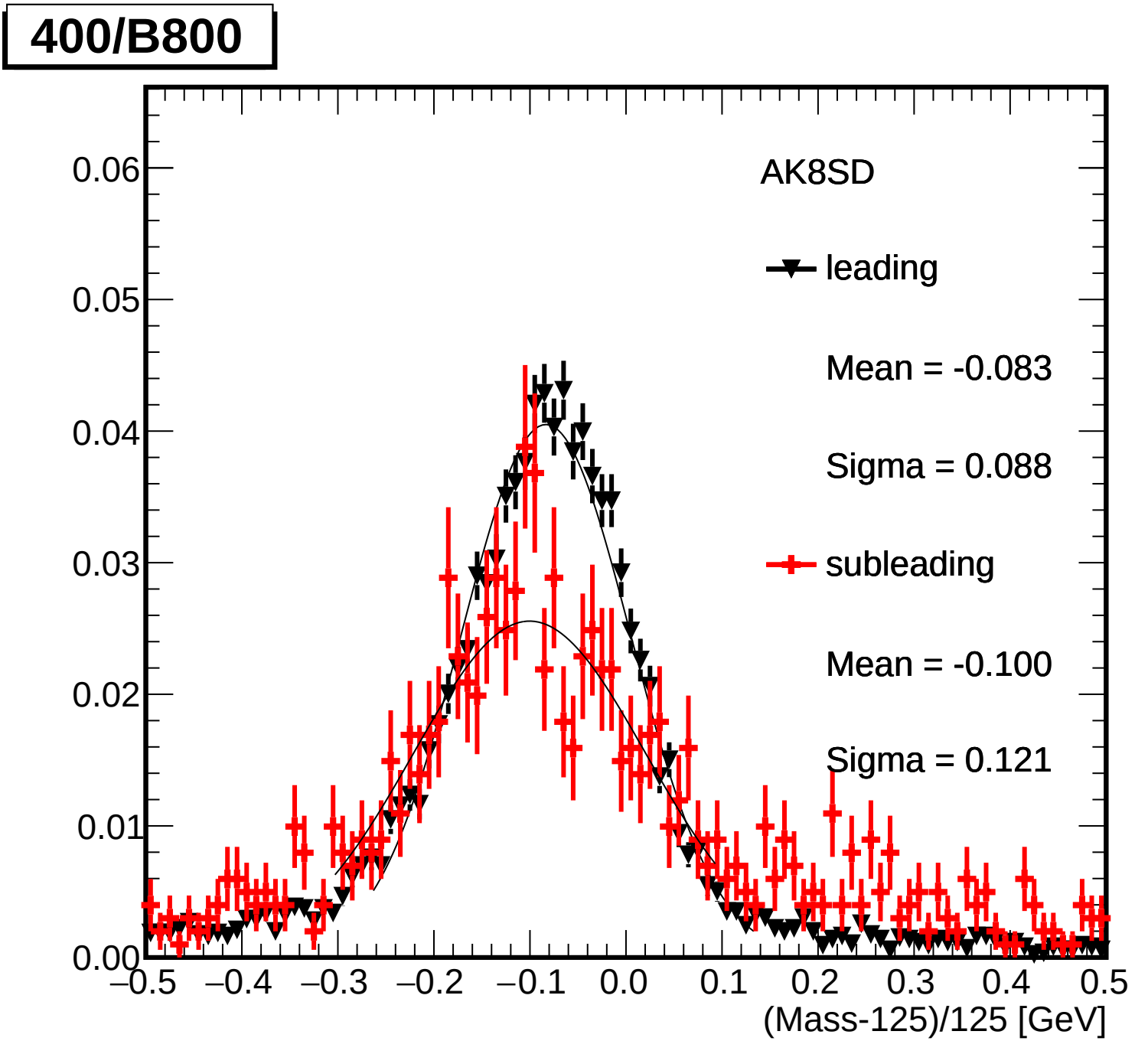

400/B800
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

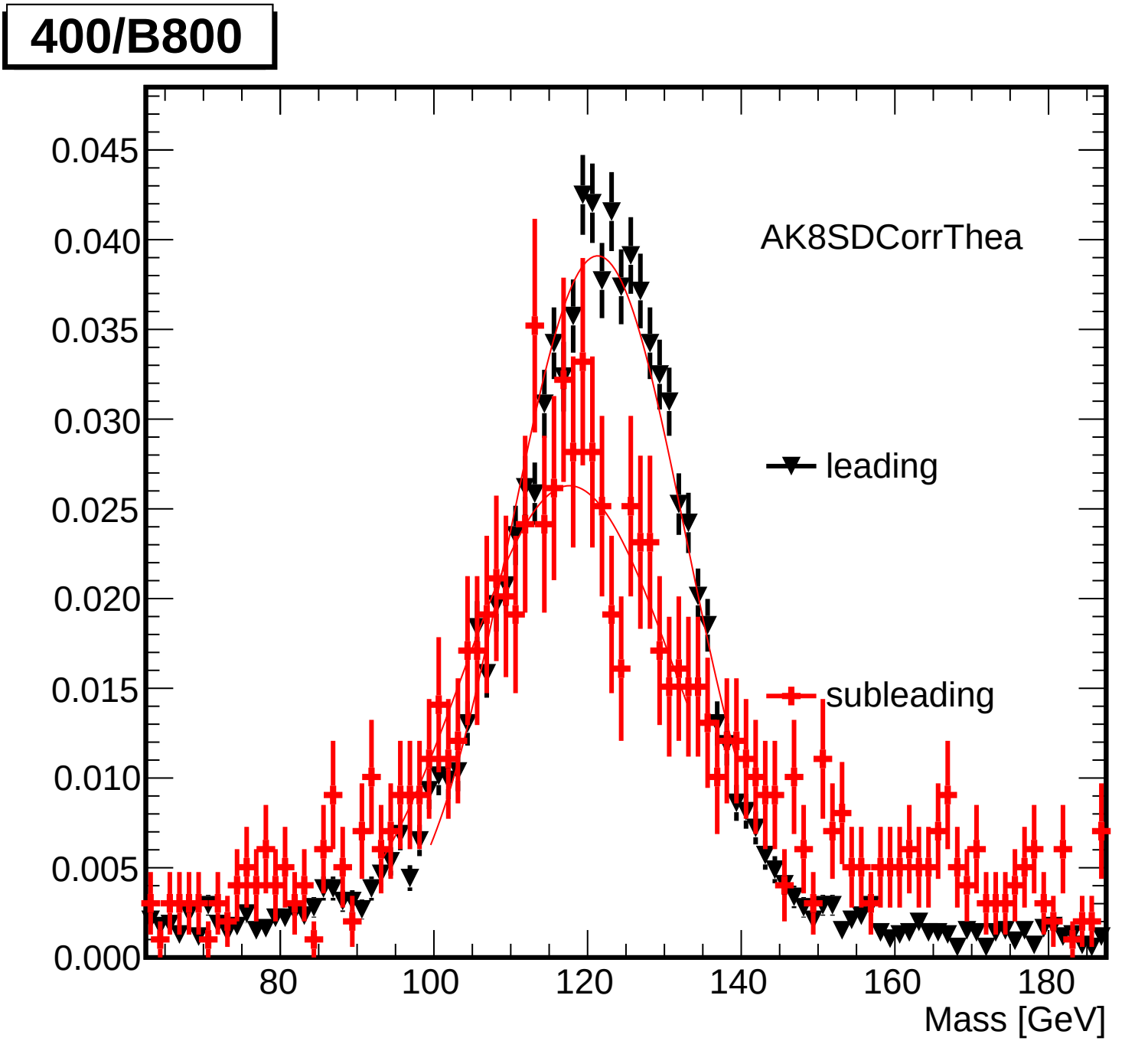

400/B800
PR
leading
Mean = -0.075
Sigma = 0.091
subleading
Mean = -0.090
Sigma = 0.106
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

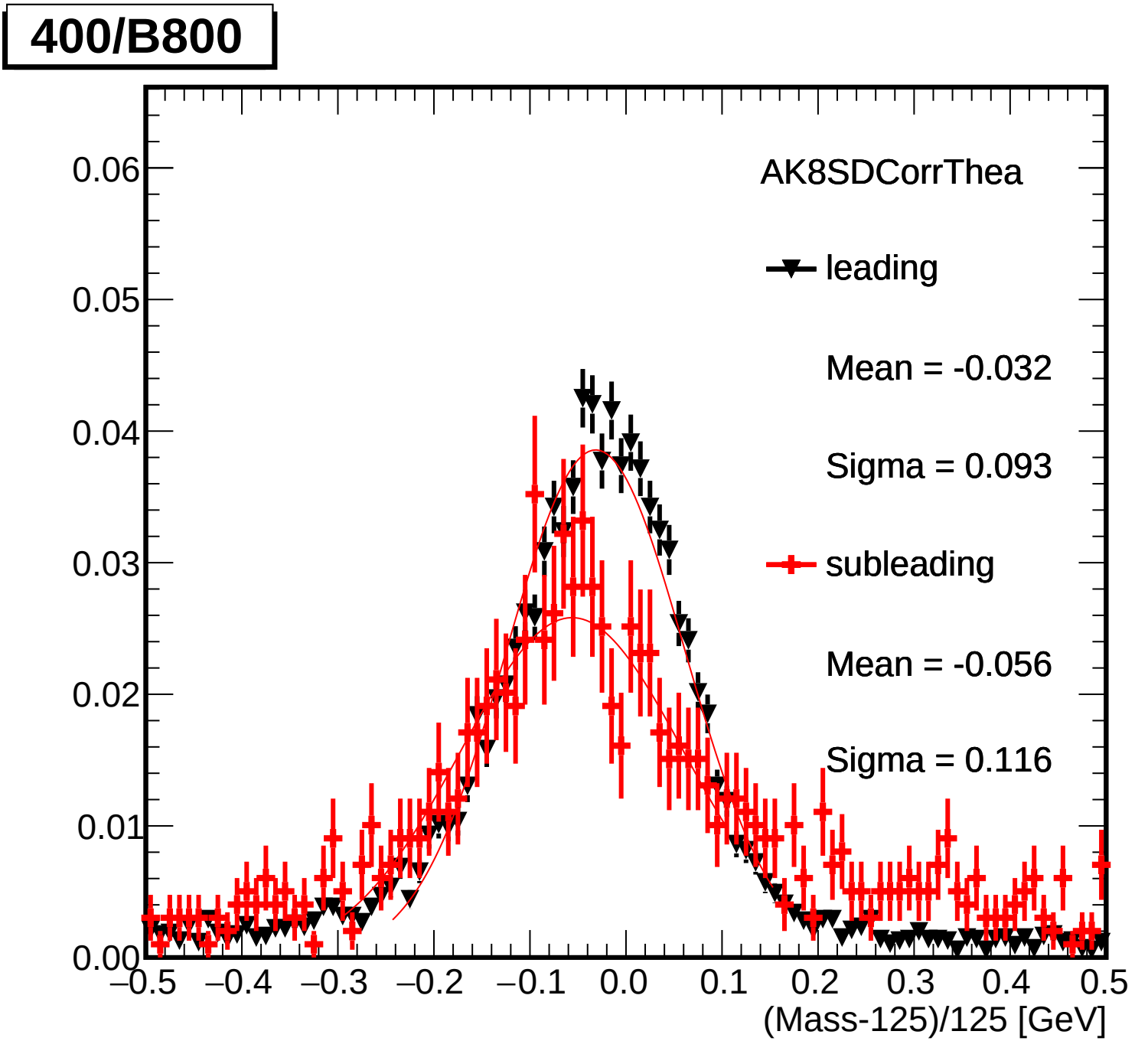

400/B800
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

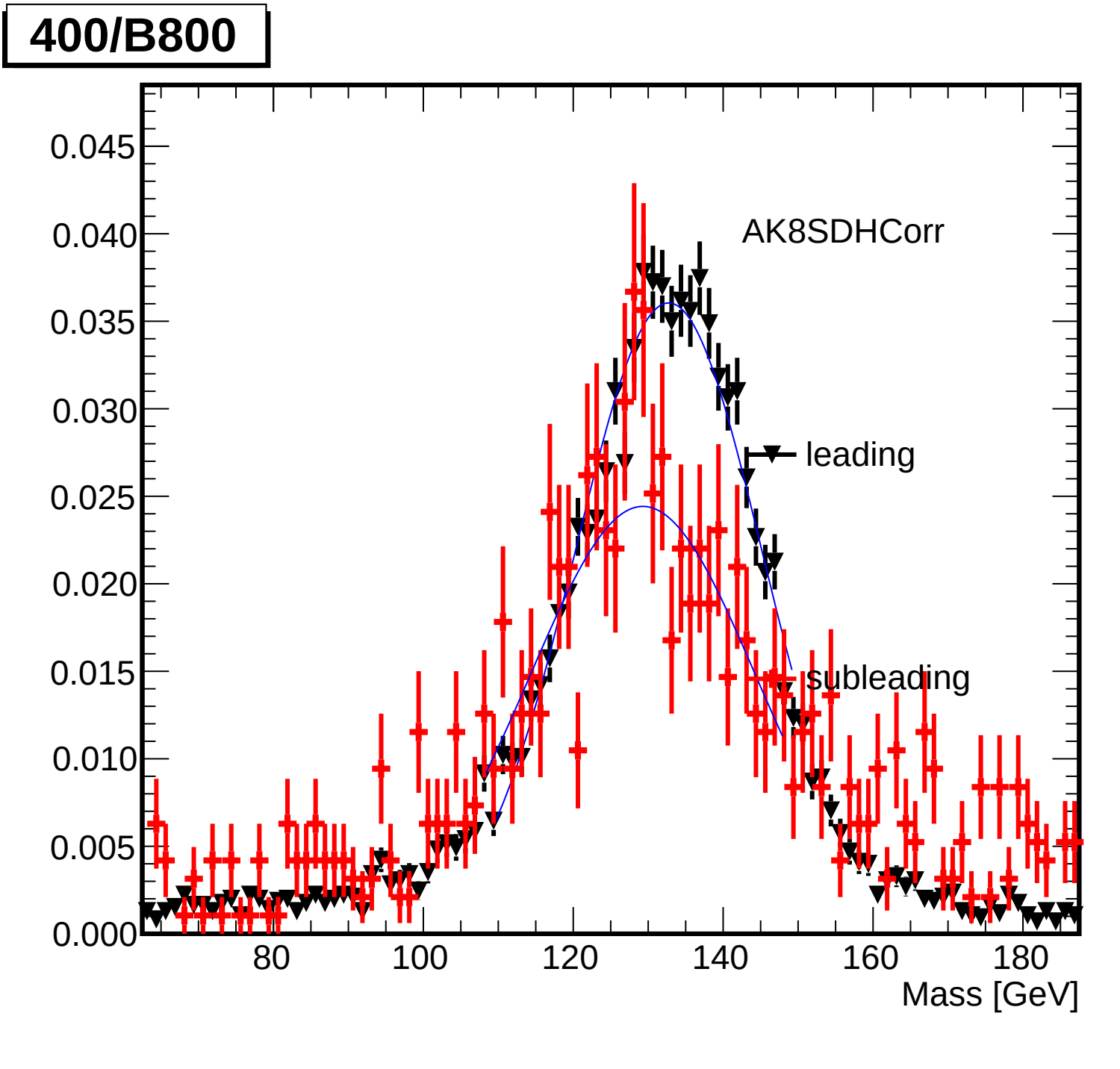

400/B800
PRCorr
leading
Mean = -0.008
Sigma = 0.094
subleading
Mean = -0.027
Sigma = 0.115
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

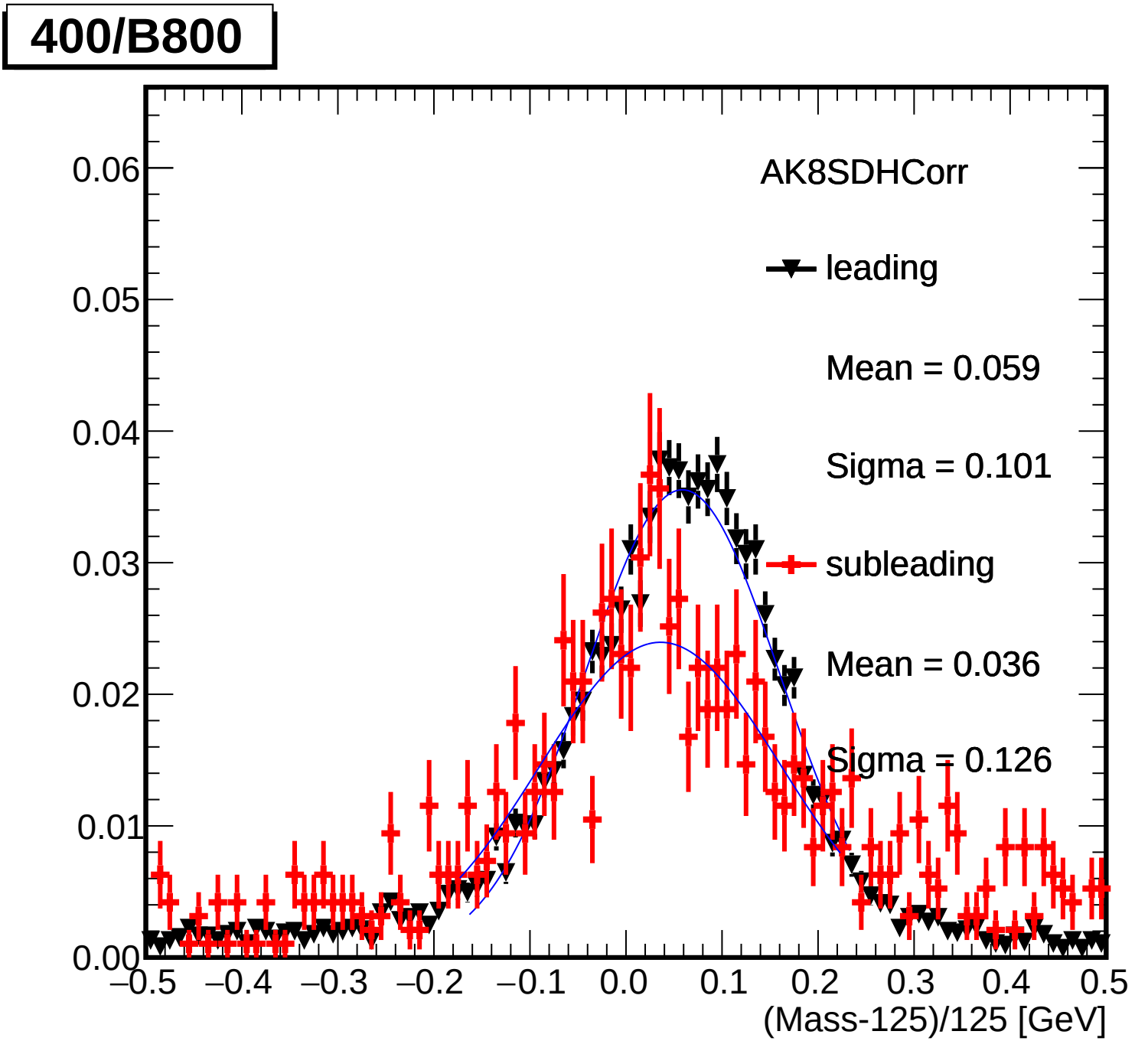

400/B800
AK8SD
leading
subleading
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]


400/B800
AK8SD
leading
Mean = -0.083
Sigma = 0.088
subleading
Mean = -0.100
Sigma = 0.121
0.06
0.05
0.04
0.03
0.02
0.01
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]


400/B800
AK8SDCorrThea
leading
subleading
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]


400/B800
AK8SDCorrThea
leading
Mean = -0.032
Sigma = 0.093
subleading
Mean = -0.056
Sigma = 0.116
0.06
0.05
0.04
0.03
0.02
0.01
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]


400/B800
AK8SDHCorr
leading
subleading
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]


400/B800
AK8SDHCorr
leading
Mean = 0.059
Sigma = 0.101
subleading
Mean = 0.036
Sigma = 0.126
0.06
0.05
0.04
0.03
0.02
0.01
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]