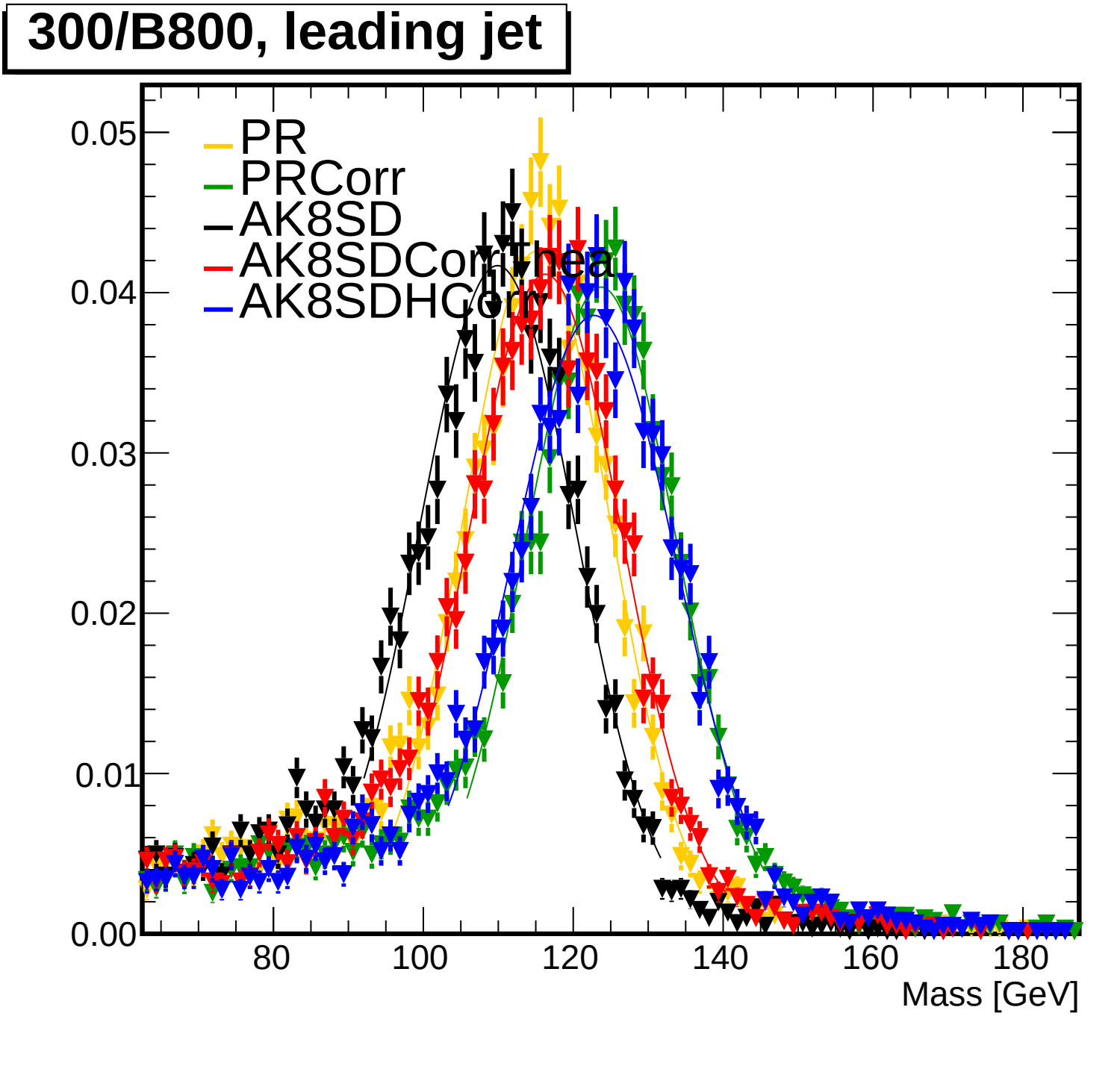
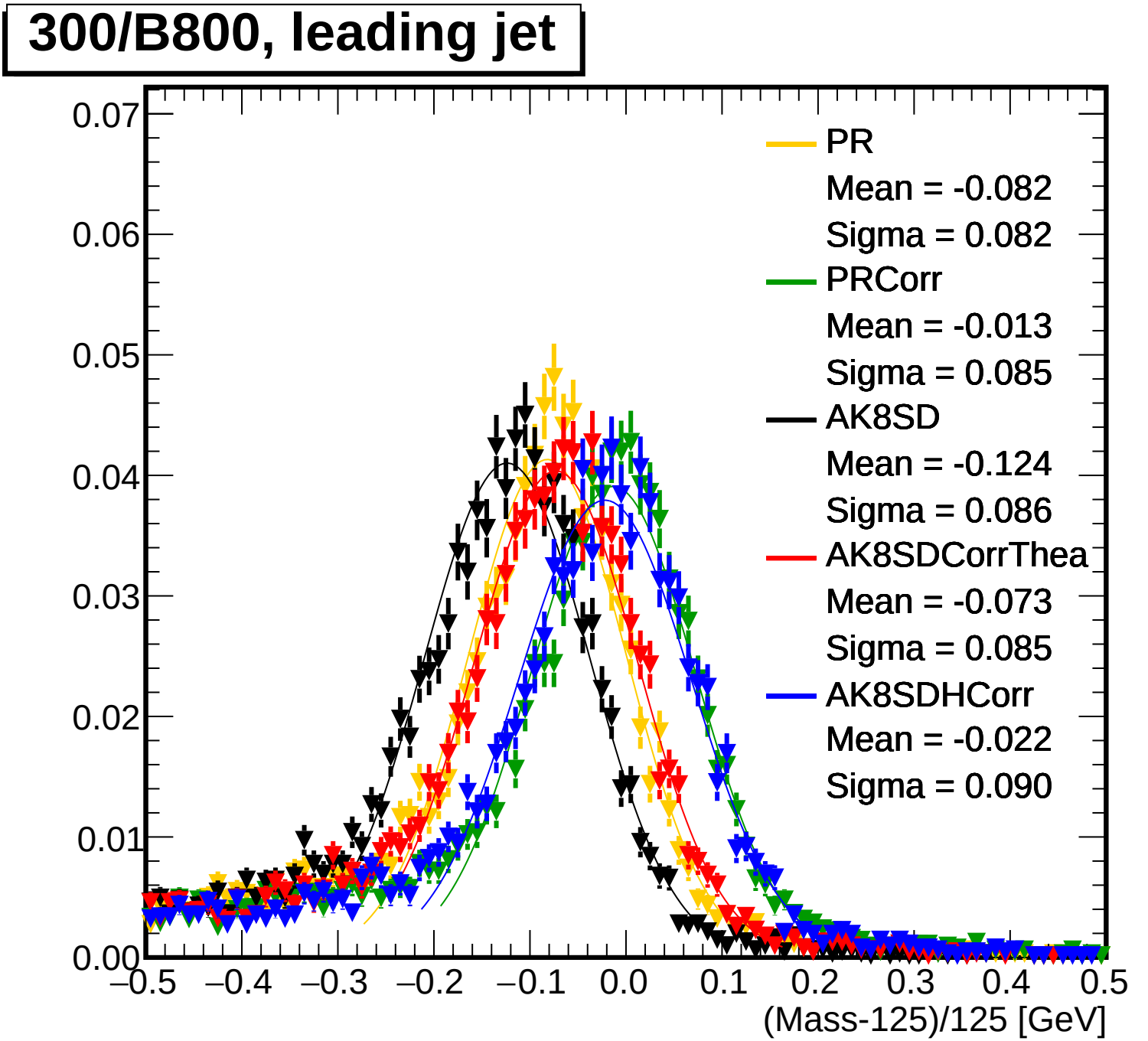
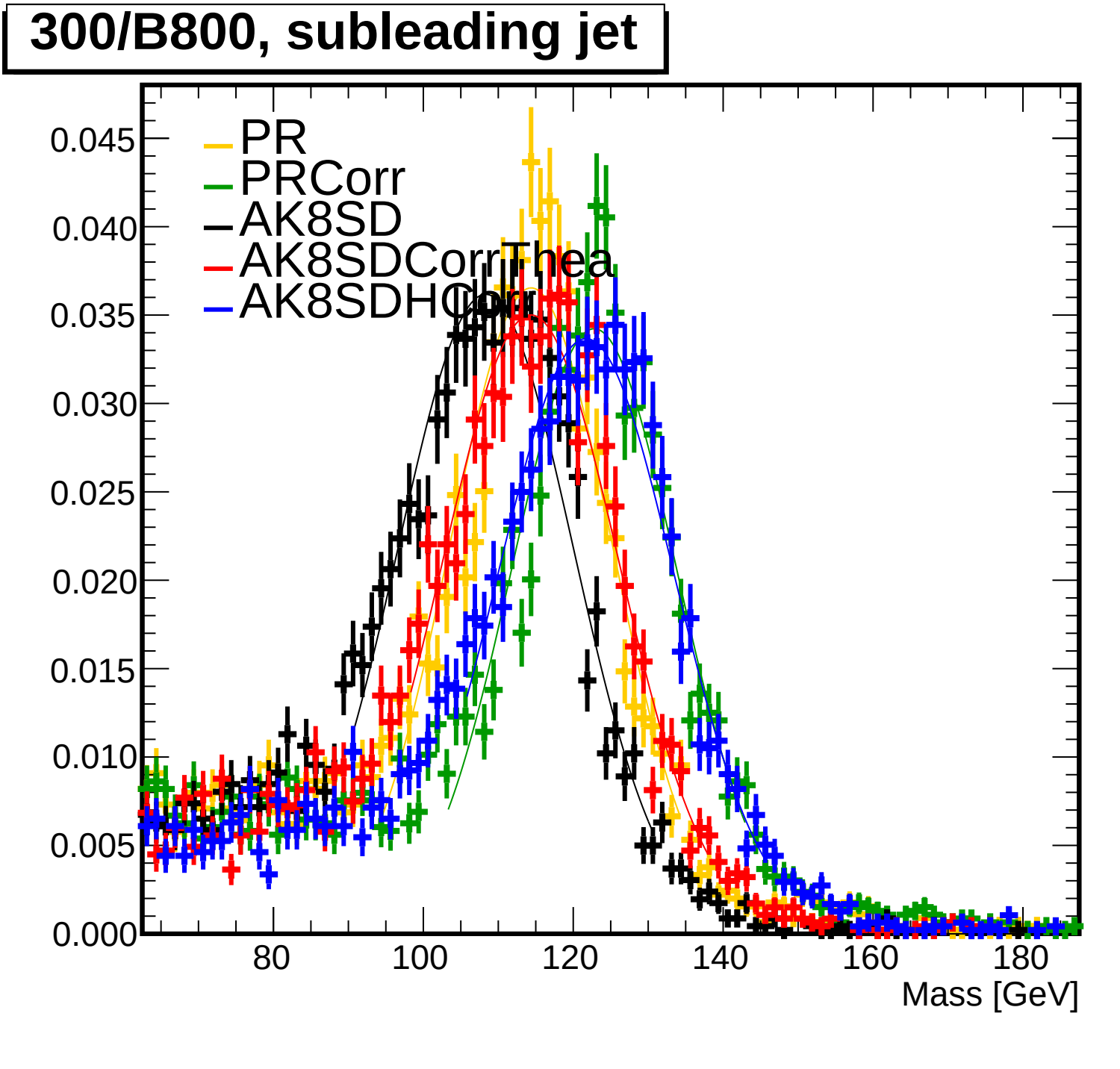
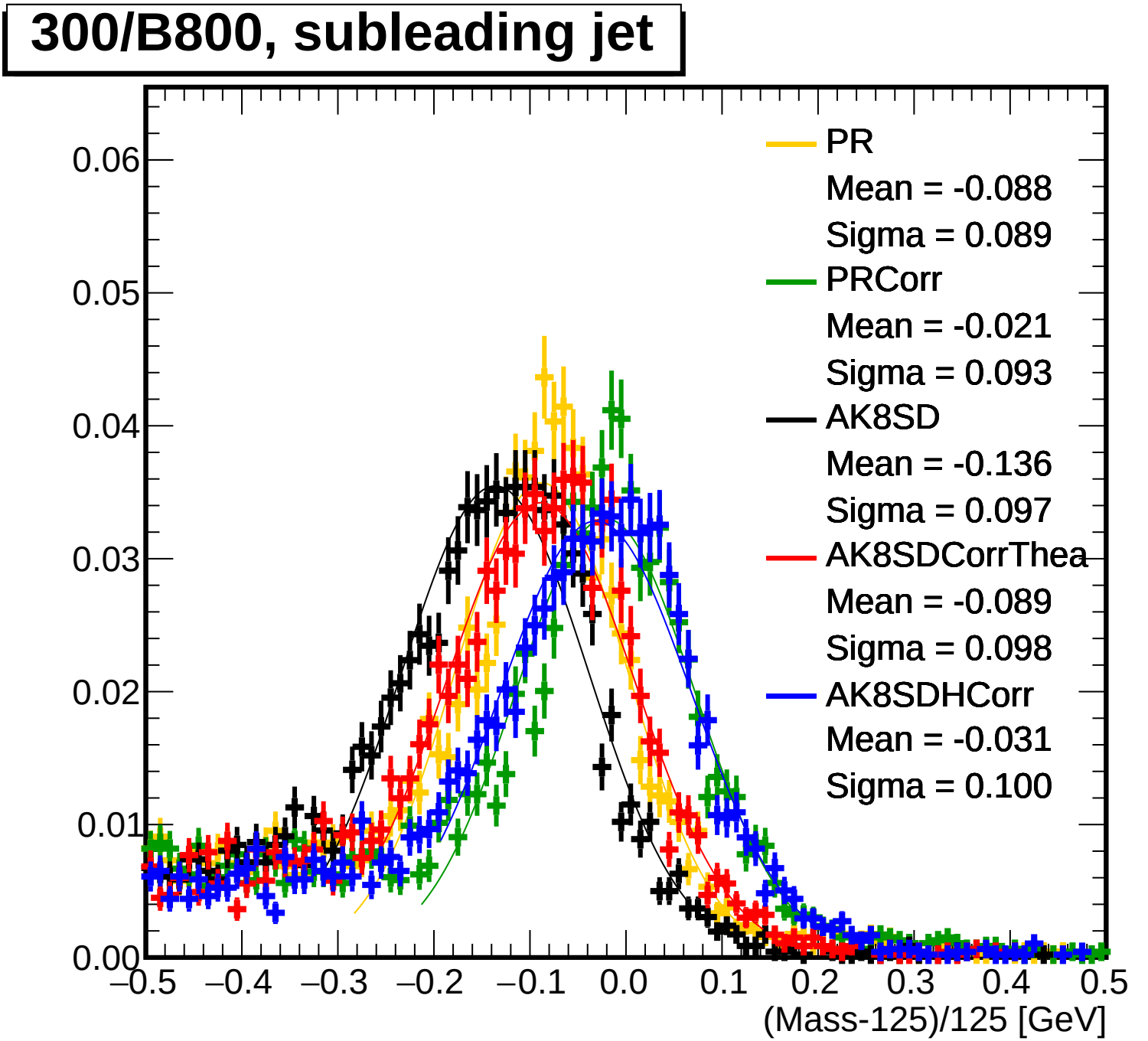
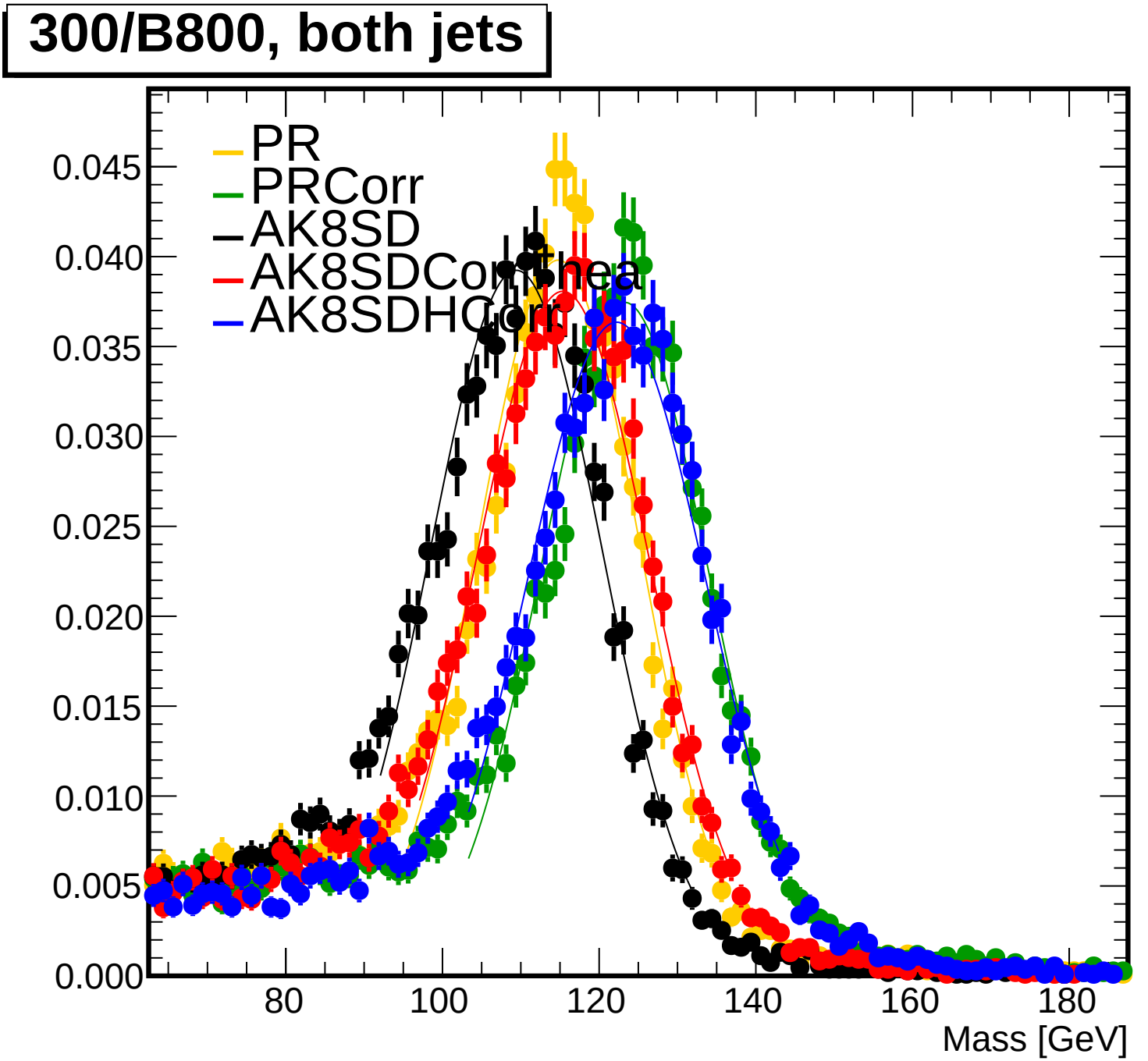
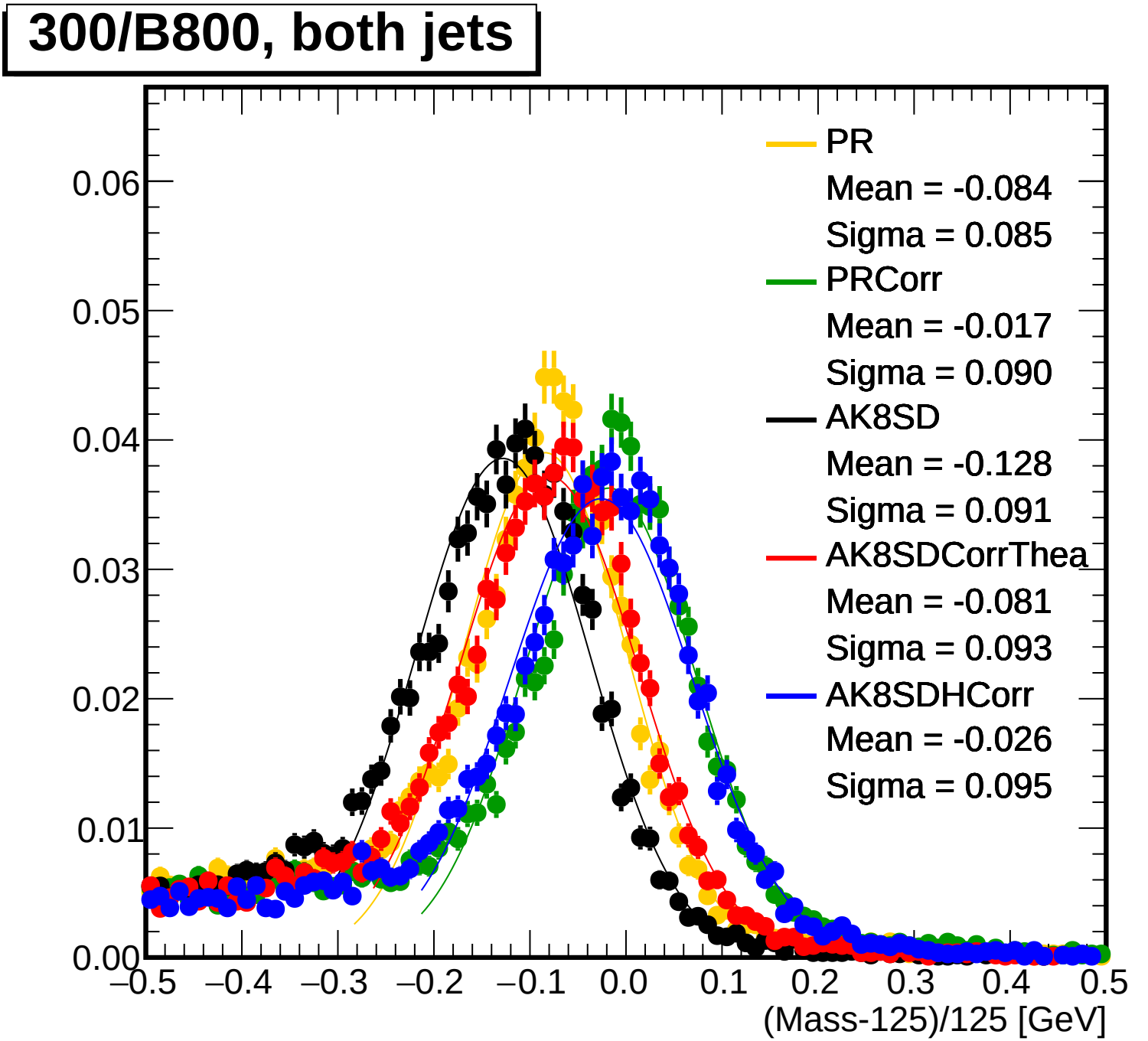

300/B800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrTheta
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

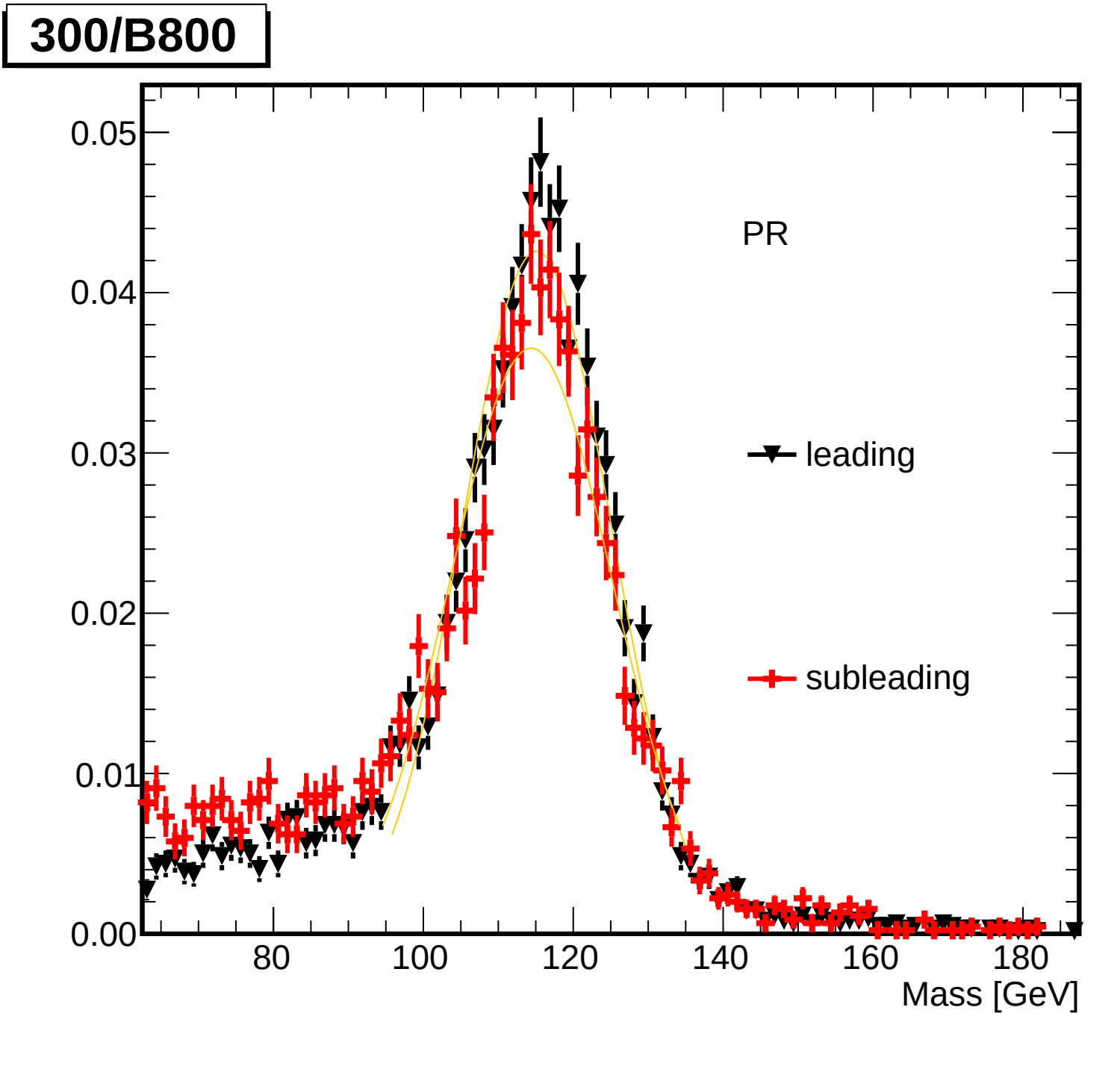

300/B800, leading jet
PR
Mean = -0.082
Sigma = 0.082
PRCorr
Mean = -0.013
Sigma = 0.085
AK8SD
Mean = -0.124
Sigma = 0.086
AK8SDCorrThea
Mean = -0.073
Sigma = 0.085
AK8SDHCorr
Mean = -0.022
Sigma = 0.090
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

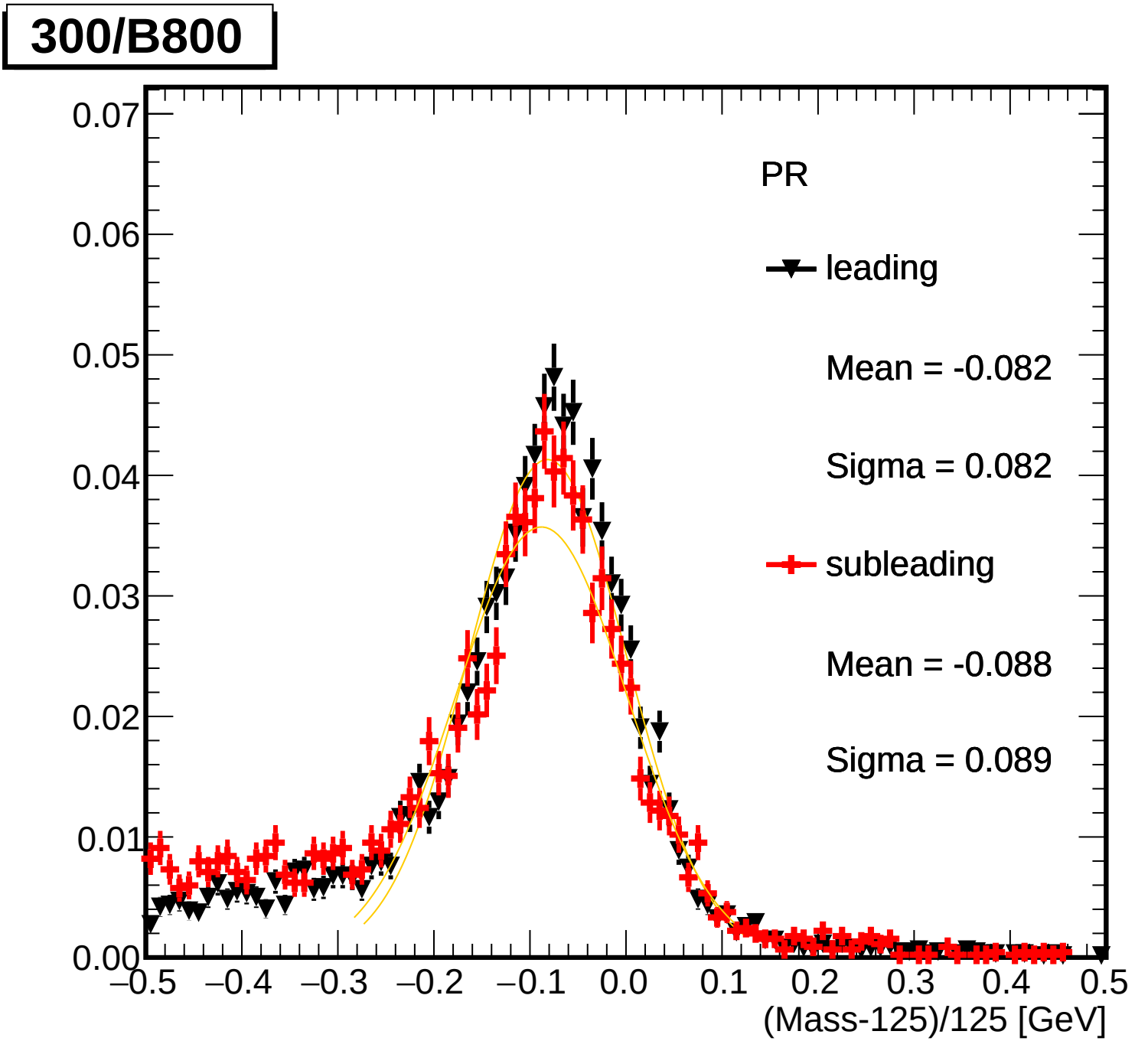

300/B800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

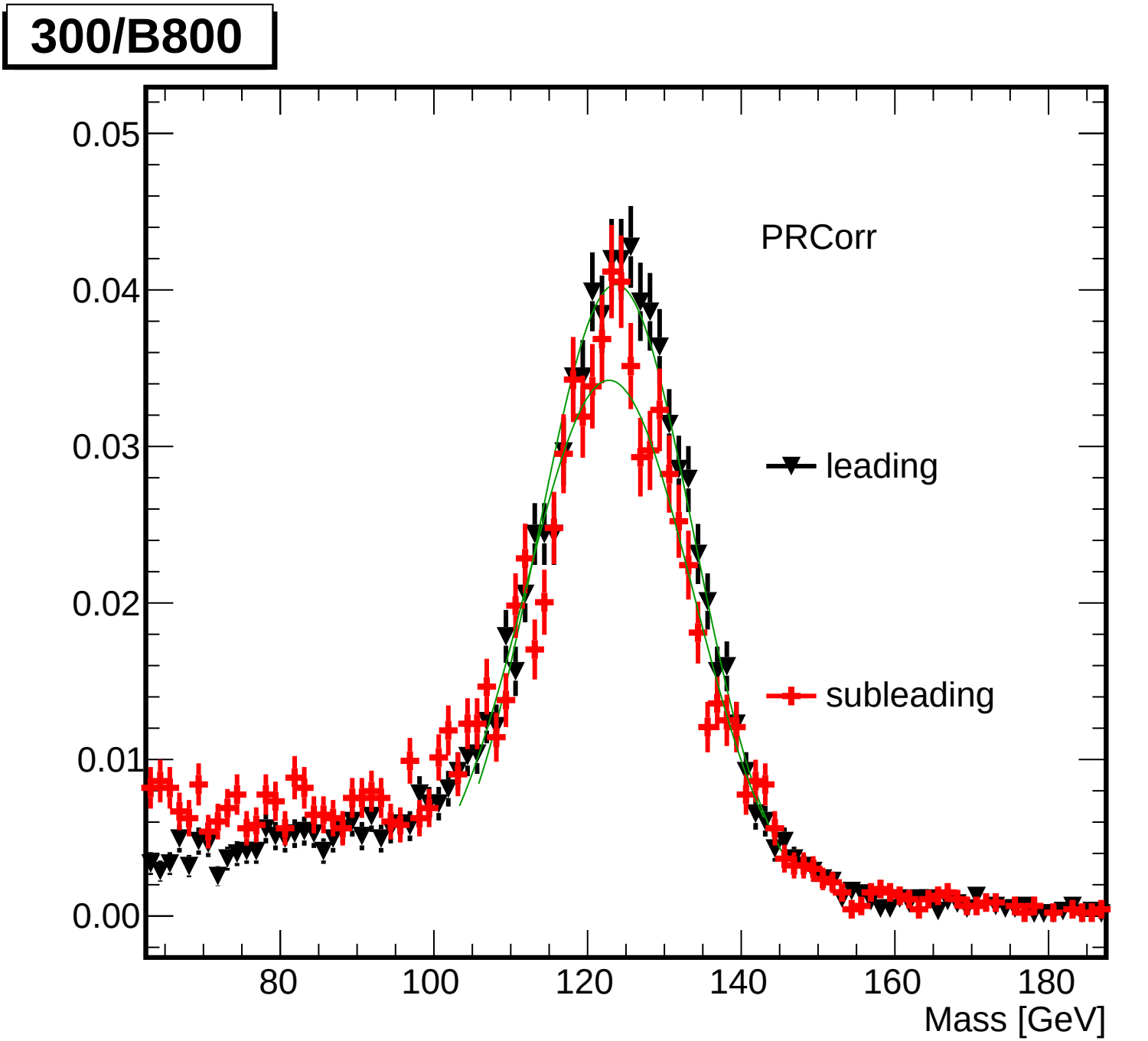

300/B800, subleading jet
PR
Mean = -0.088
Sigma = 0.089
PRCorr
Mean = -0.021
Sigma = 0.093
AK8SD
Mean = -0.136
Sigma = 0.097
AK8SDCorrThea
Mean = -0.089
Sigma = 0.098
AK8SDHCorr
Mean = -0.031
Sigma = 0.100
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

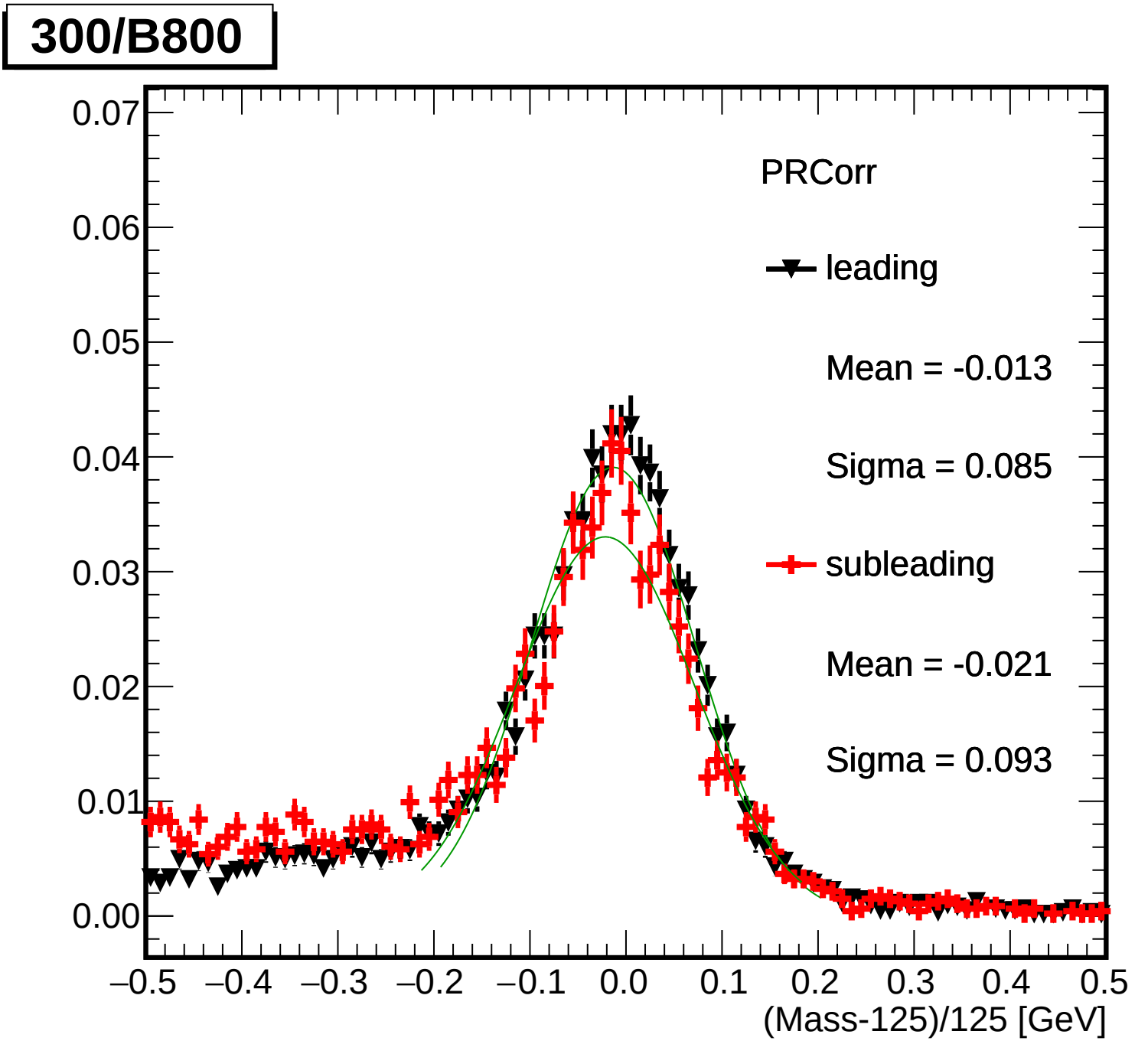

300/B800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

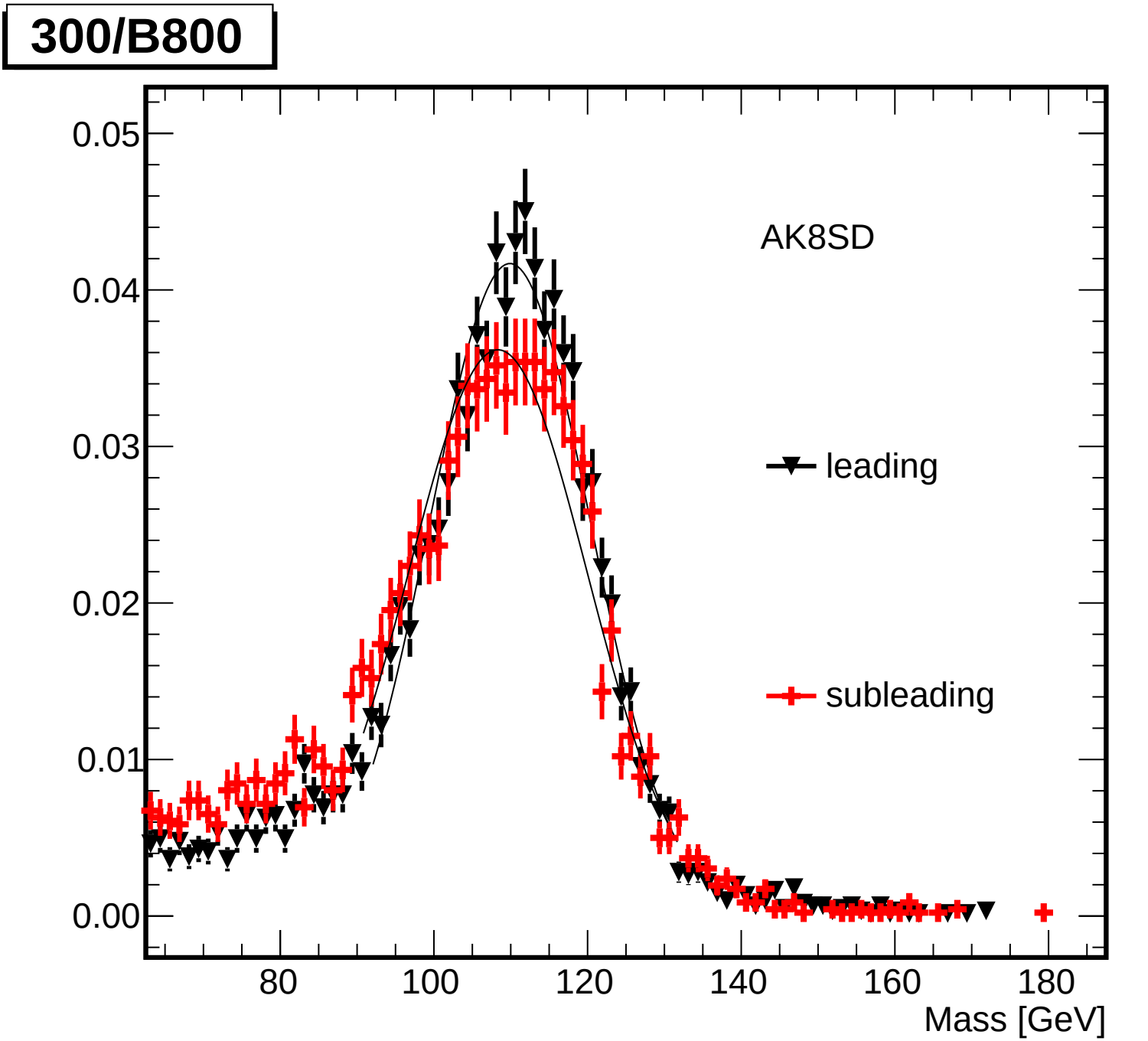

300/B800, both jets
PR
Mean = -0.084
Sigma = 0.085
PRCorr
Mean = -0.017
Sigma = 0.090
AK8SD
Mean = -0.128
Sigma = 0.091
AK8SDCorrThea
Mean = -0.081
Sigma = 0.093
AK8SDHCorr
Mean = -0.026
Sigma = 0.095
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

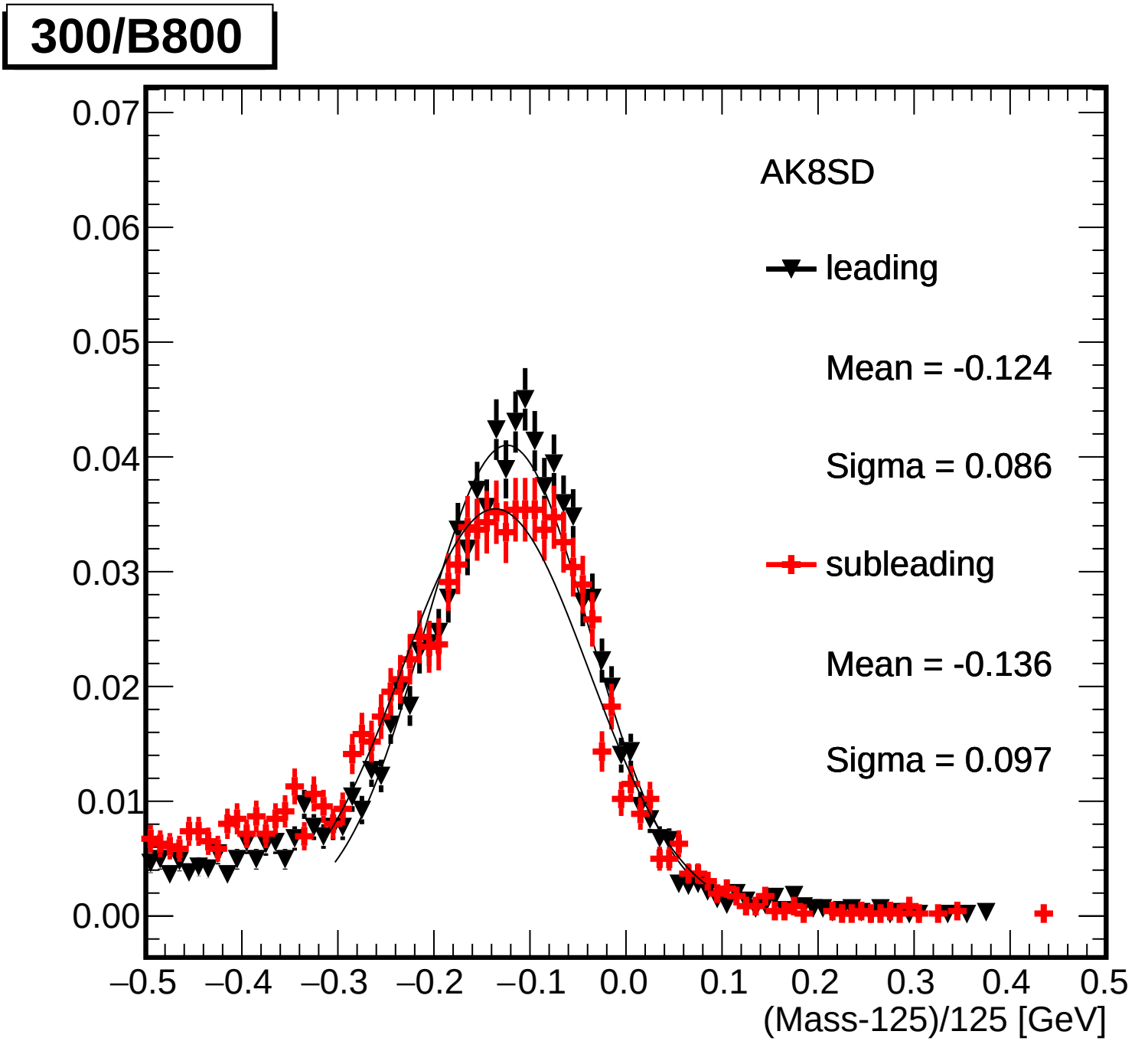

300/B800
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

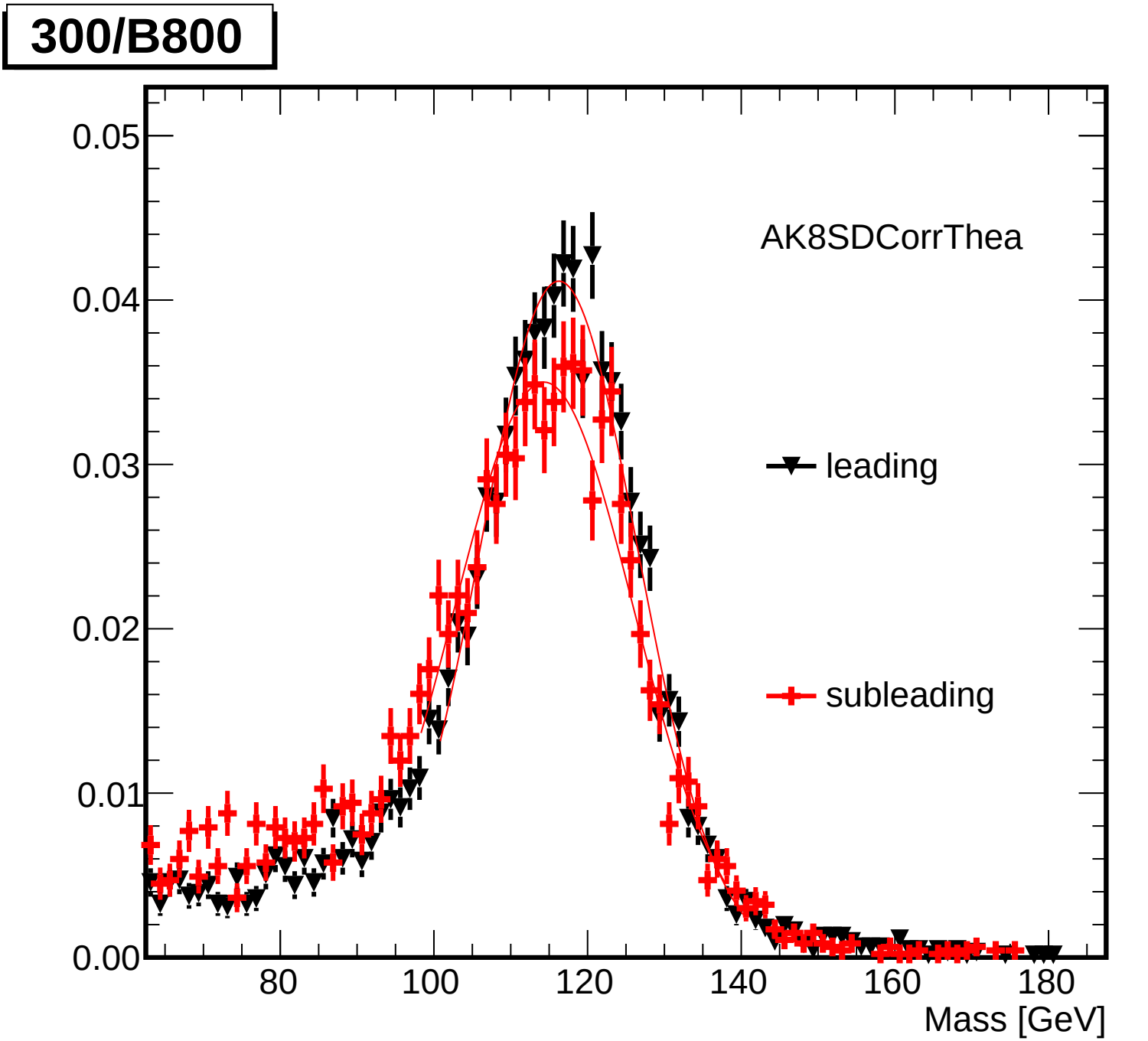

300/B800
PR
leading
Mean = -0.082
Sigma = 0.082
subleading
Mean = -0.088
Sigma = 0.089
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

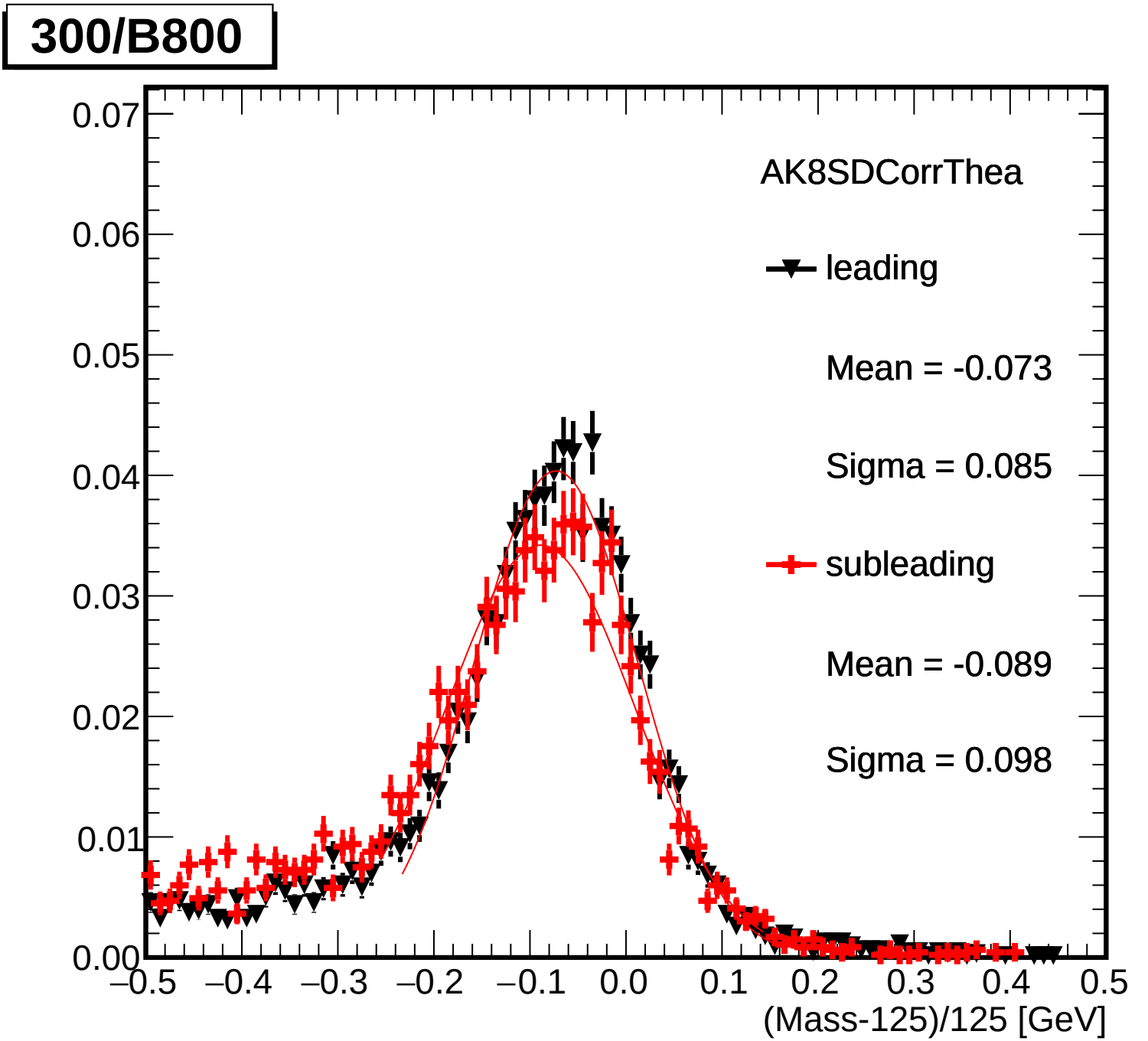

300/B800
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

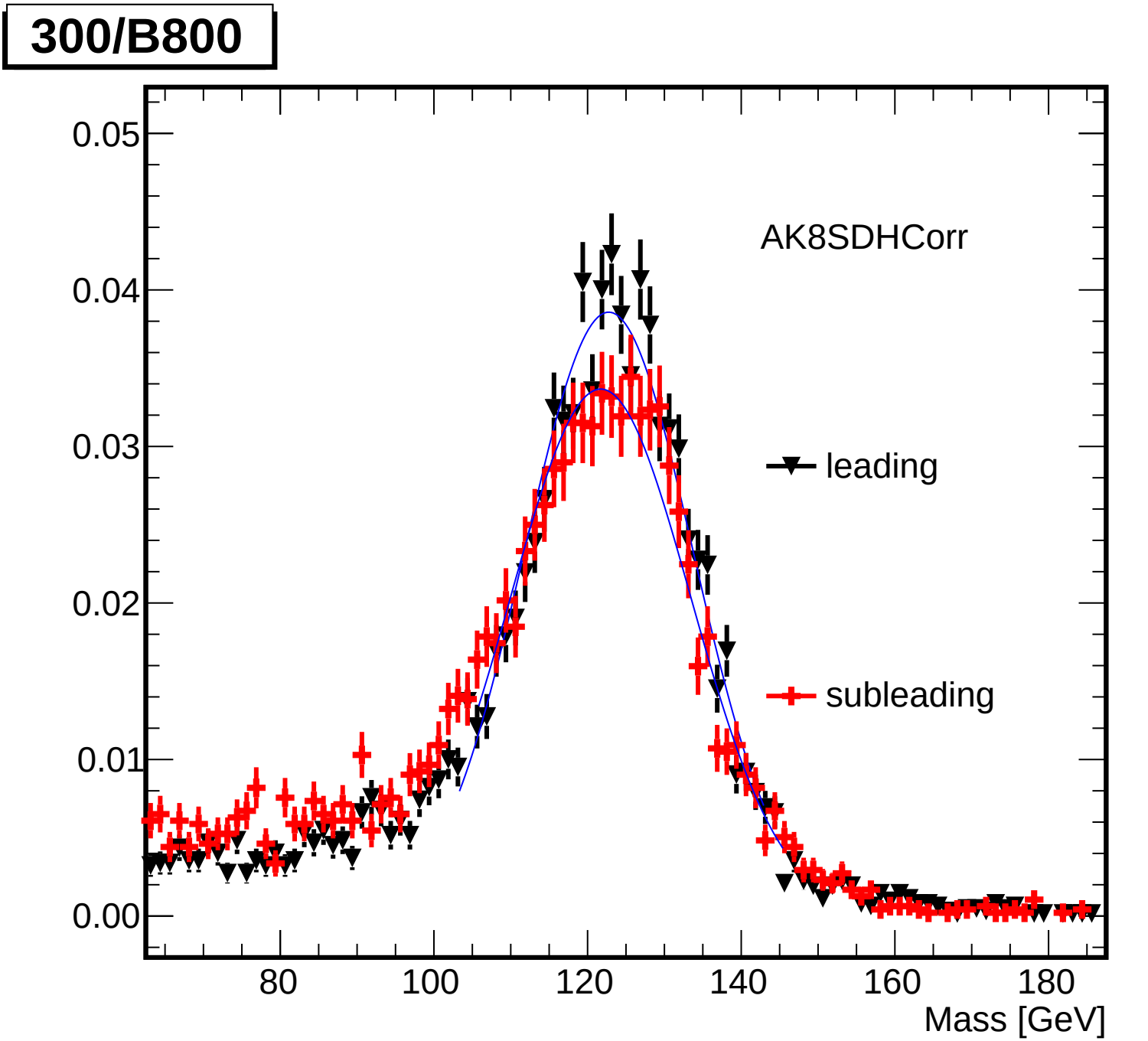

300/B800
PRCorr
leading
Mean = -0.013
Sigma = 0.085
subleading
Mean = -0.021
Sigma = 0.093
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

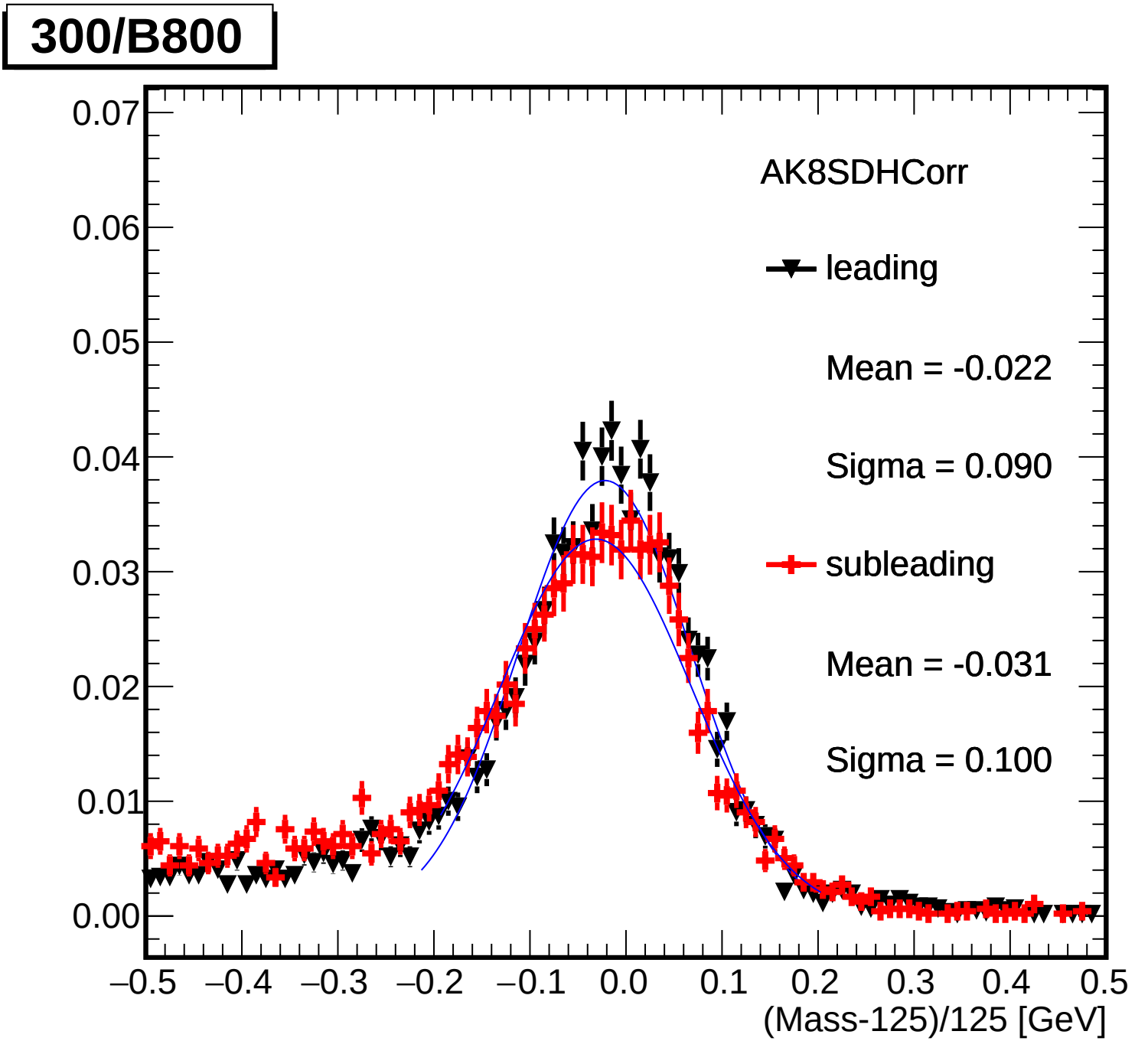

300/B800
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


300/B800
AK8SD
leading
Mean = -0.124
Sigma = 0.086
subleading
Mean = -0.136
Sigma = 0.097
0.07
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]


300/B800
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


300/B800
AK8SDCorrThea
leading
Mean = -0.073
Sigma = 0.085
subleading
Mean = -0.089
Sigma = 0.098
0.07
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]


300/B800
AK8SDHCorr
leading
subleading
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


300/B800
AK8SDHCorr
leading
Mean = -0.022
Sigma = 0.090
subleading
Mean = -0.031
Sigma = 0.100
0.07
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]