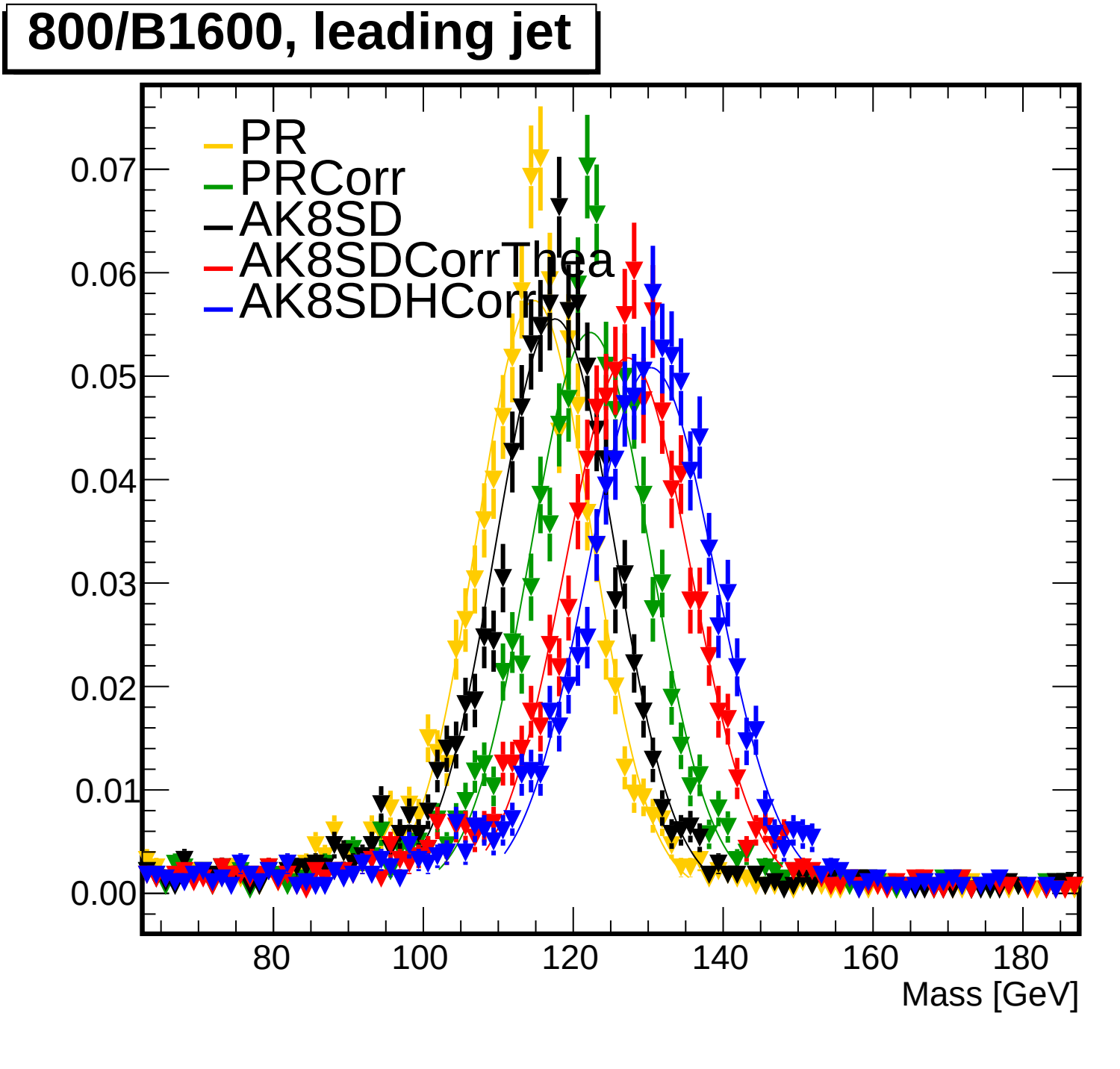
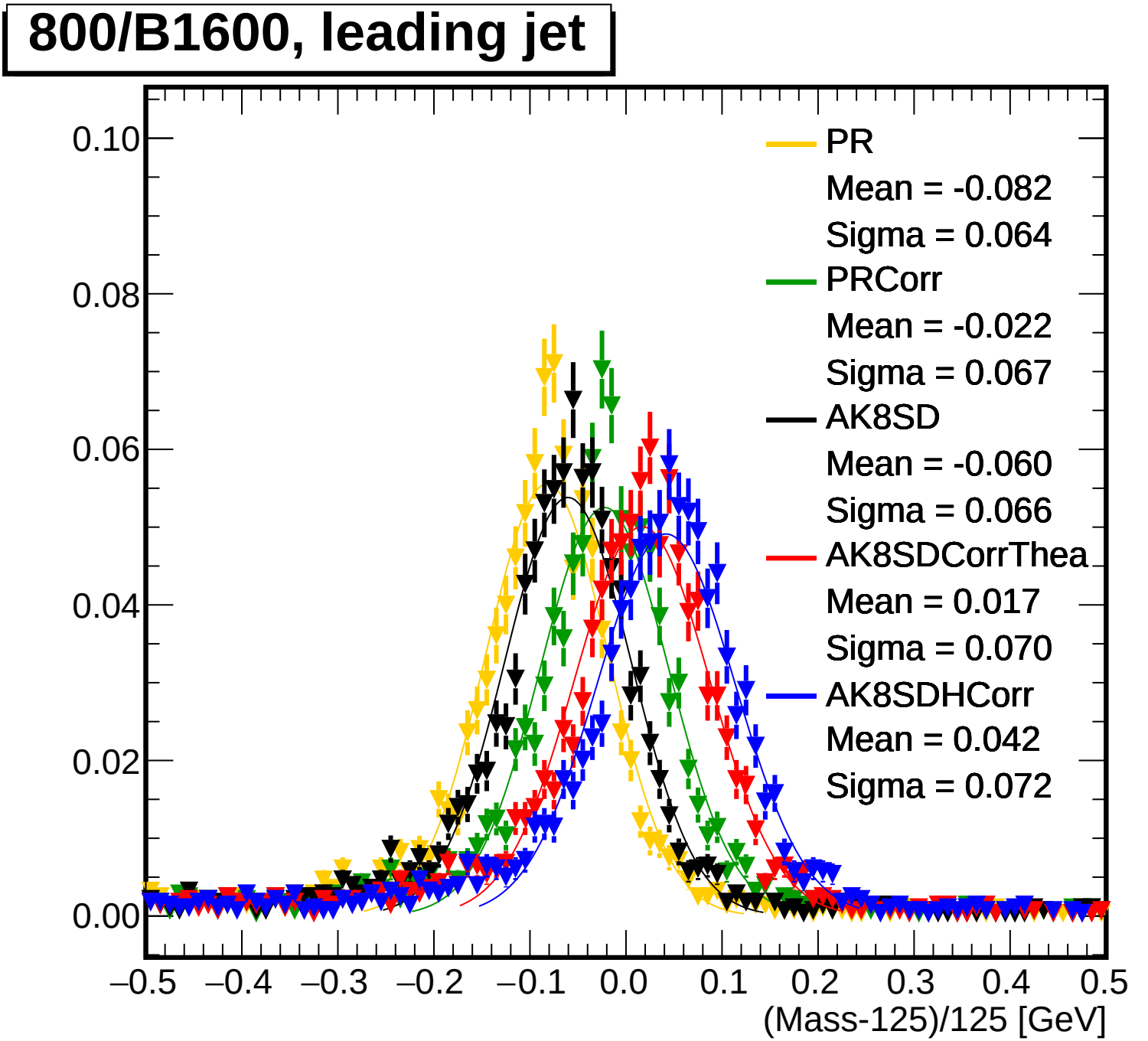
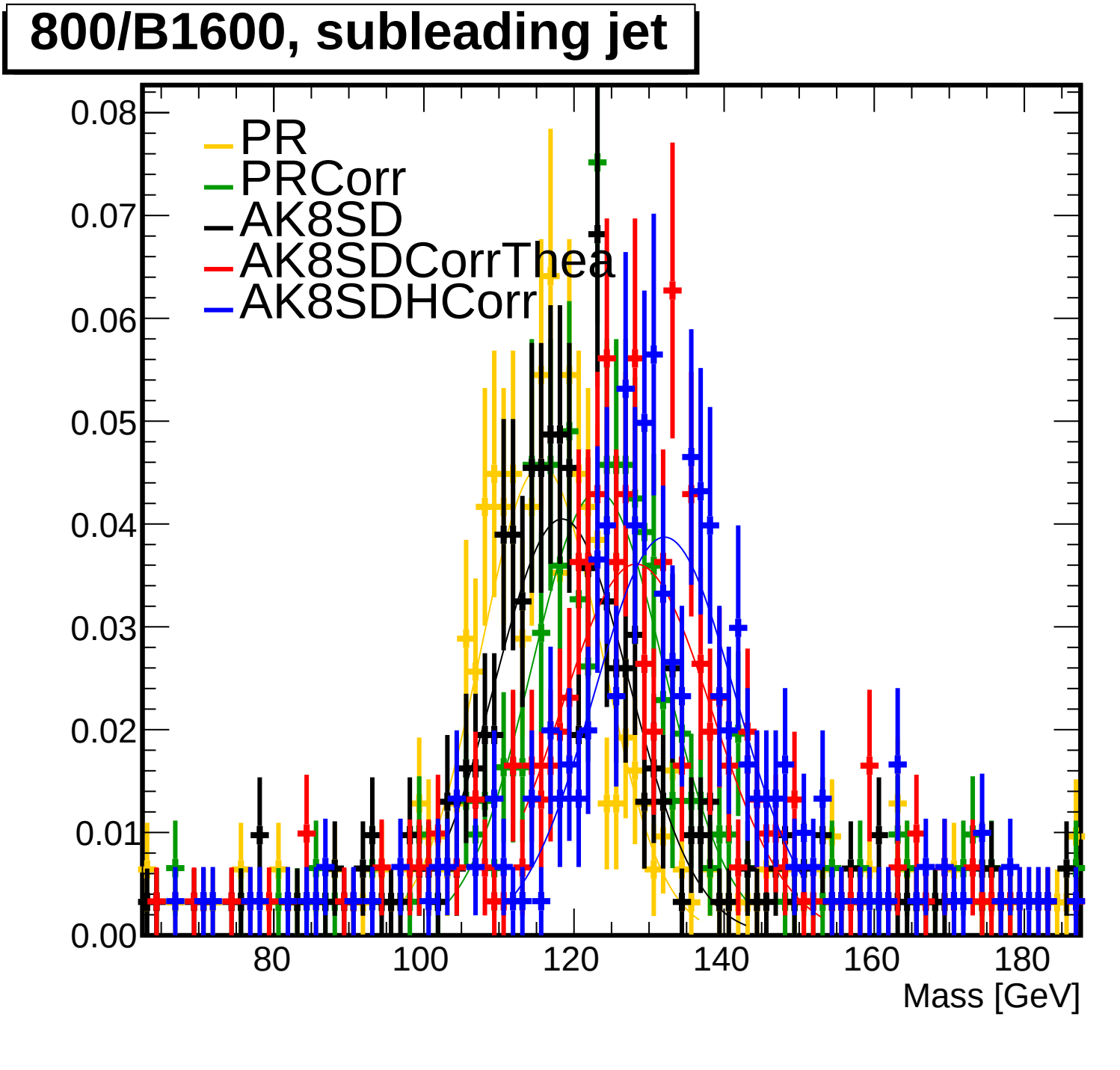
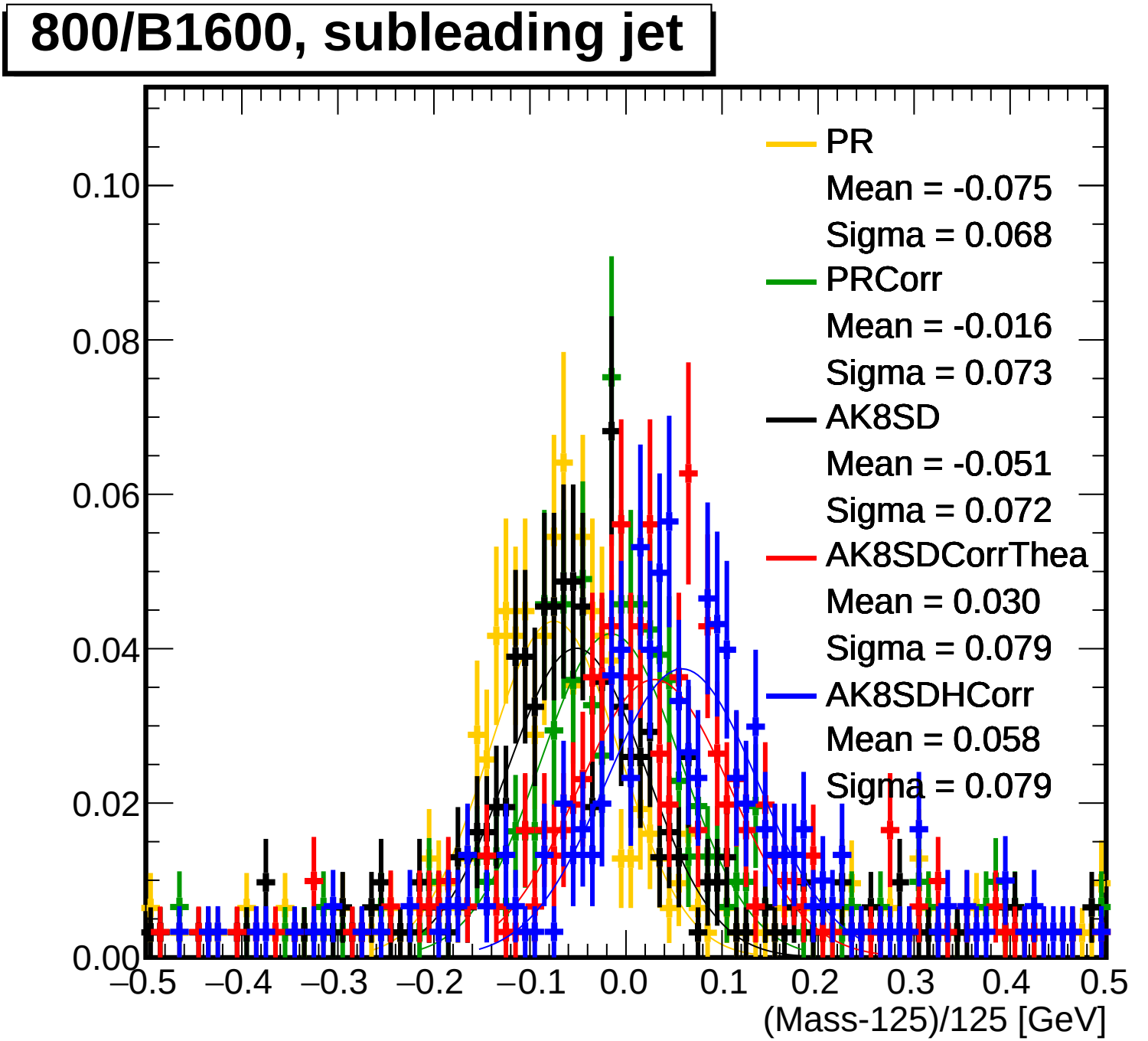
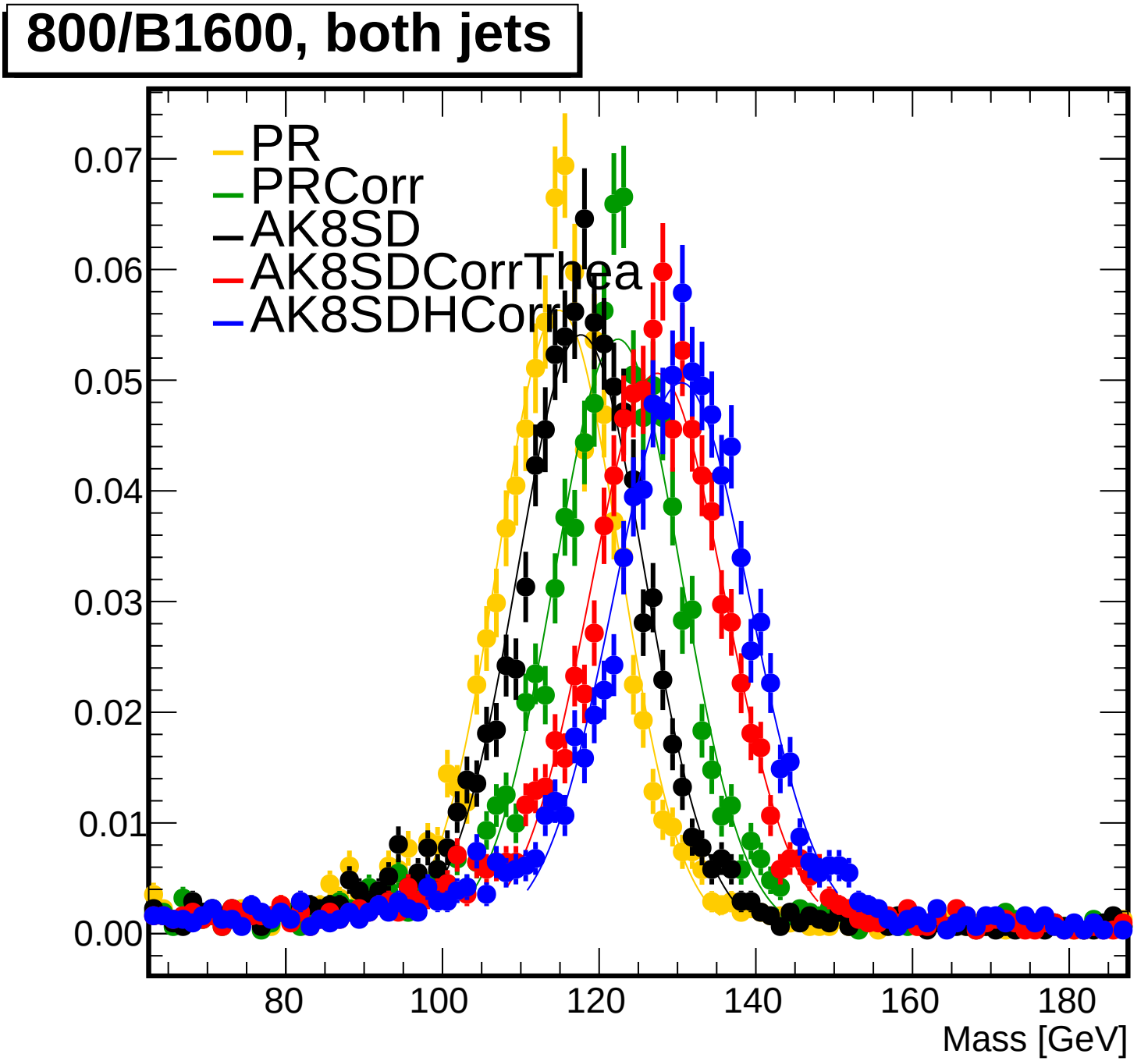
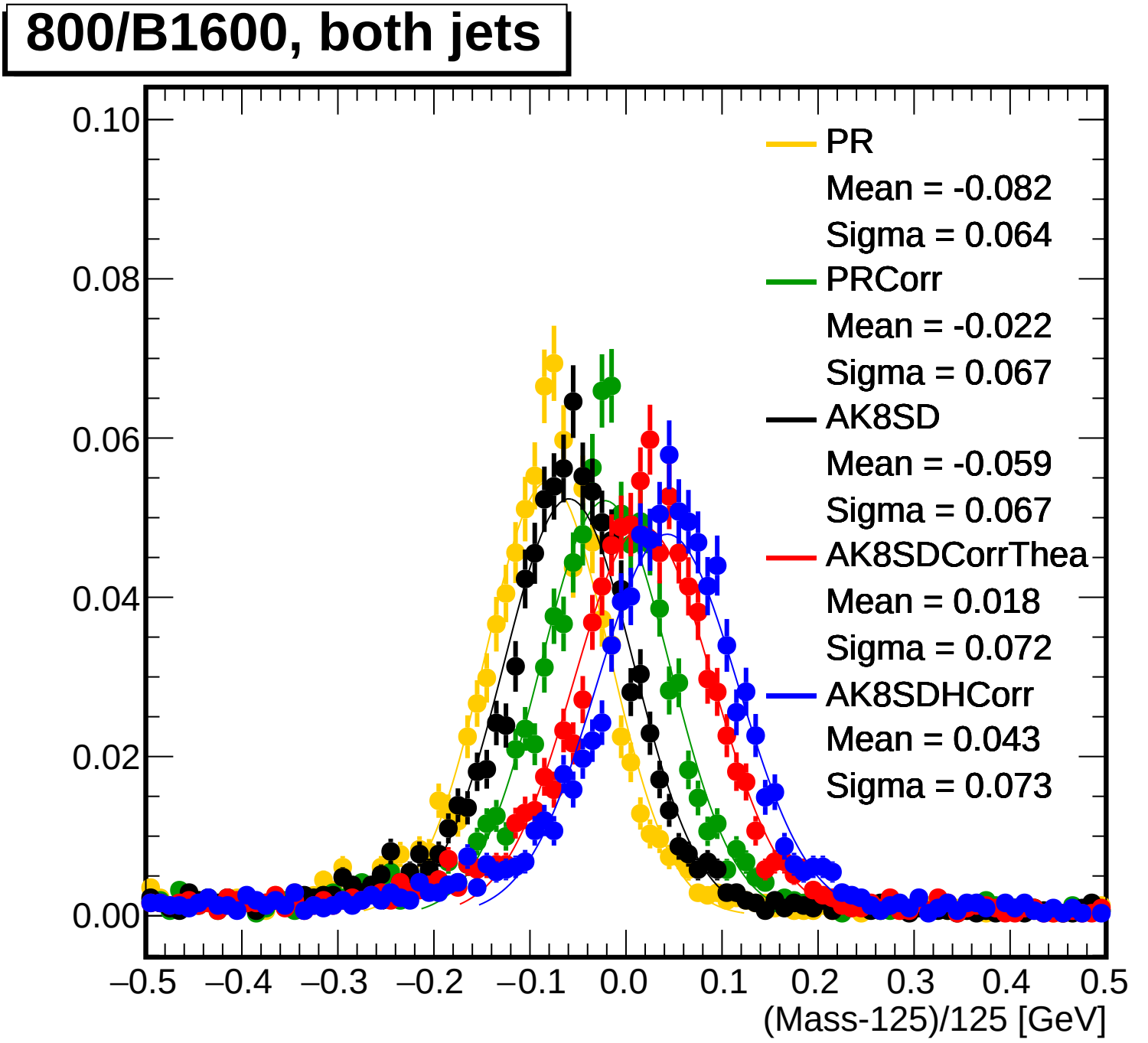

800/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


800/B1600, leading jet
PR
Mean = -0.082
Sigma = 0.064
PRCorr
Mean = -0.022
Sigma = 0.067
AK8SD
Mean = -0.060
Sigma = 0.066
AK8SDCorrThea
Mean = 0.017
Sigma = 0.070
AK8SDHCorr
Mean = 0.042
Sigma = 0.072
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]


800/B1600, subleading 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]


800/B1600, subleading jet
PR
Mean = -0.075
Sigma = 0.068
PRCorr
Mean = -0.016
Sigma = 0.073
AK8SD
Mean = -0.051
Sigma = 0.072
AK8SDCorrThea
Mean = 0.030
Sigma = 0.079
AK8SDHCorr
Mean = 0.058
Sigma = 0.079
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]


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


800/B1600, both jets
PR
Mean = -0.082
Sigma = 0.064
PRCorr
Mean = -0.022
Sigma = 0.067
AK8SD
Mean = -0.059
Sigma = 0.067
AK8SDCorrThea
Mean = 0.018
Sigma = 0.072
AK8SDHCorr
Mean = 0.043
Sigma = 0.073
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
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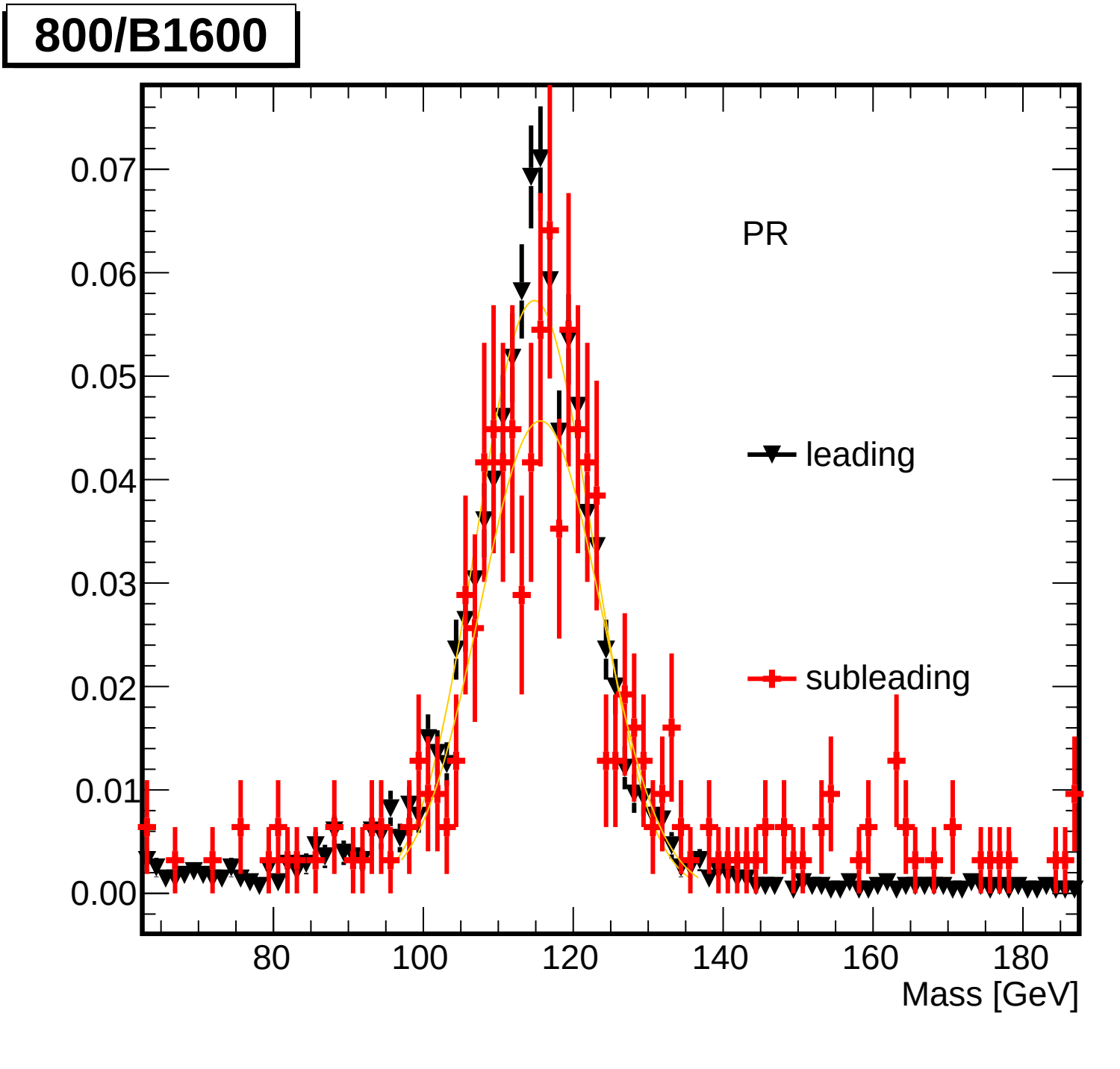
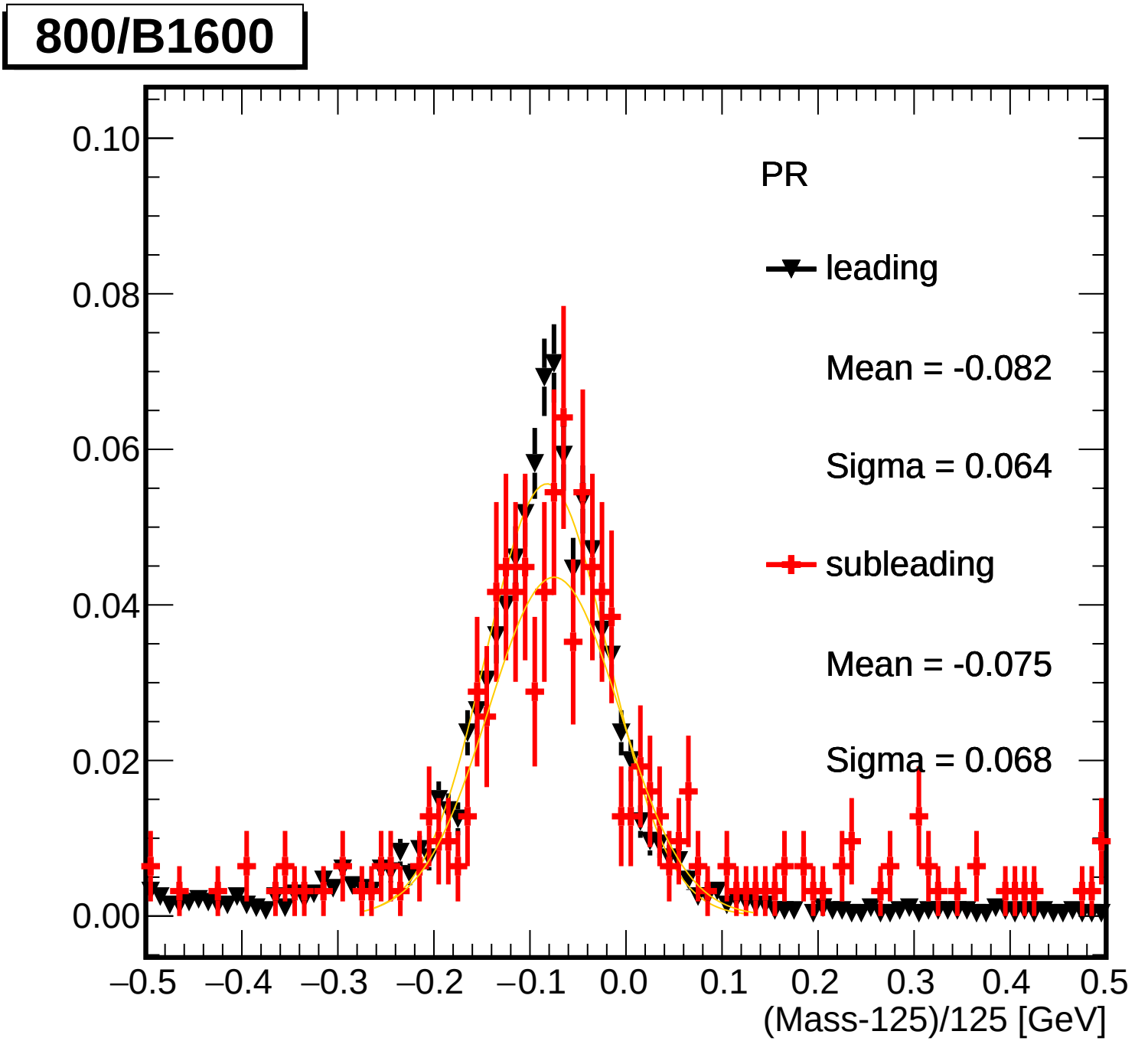
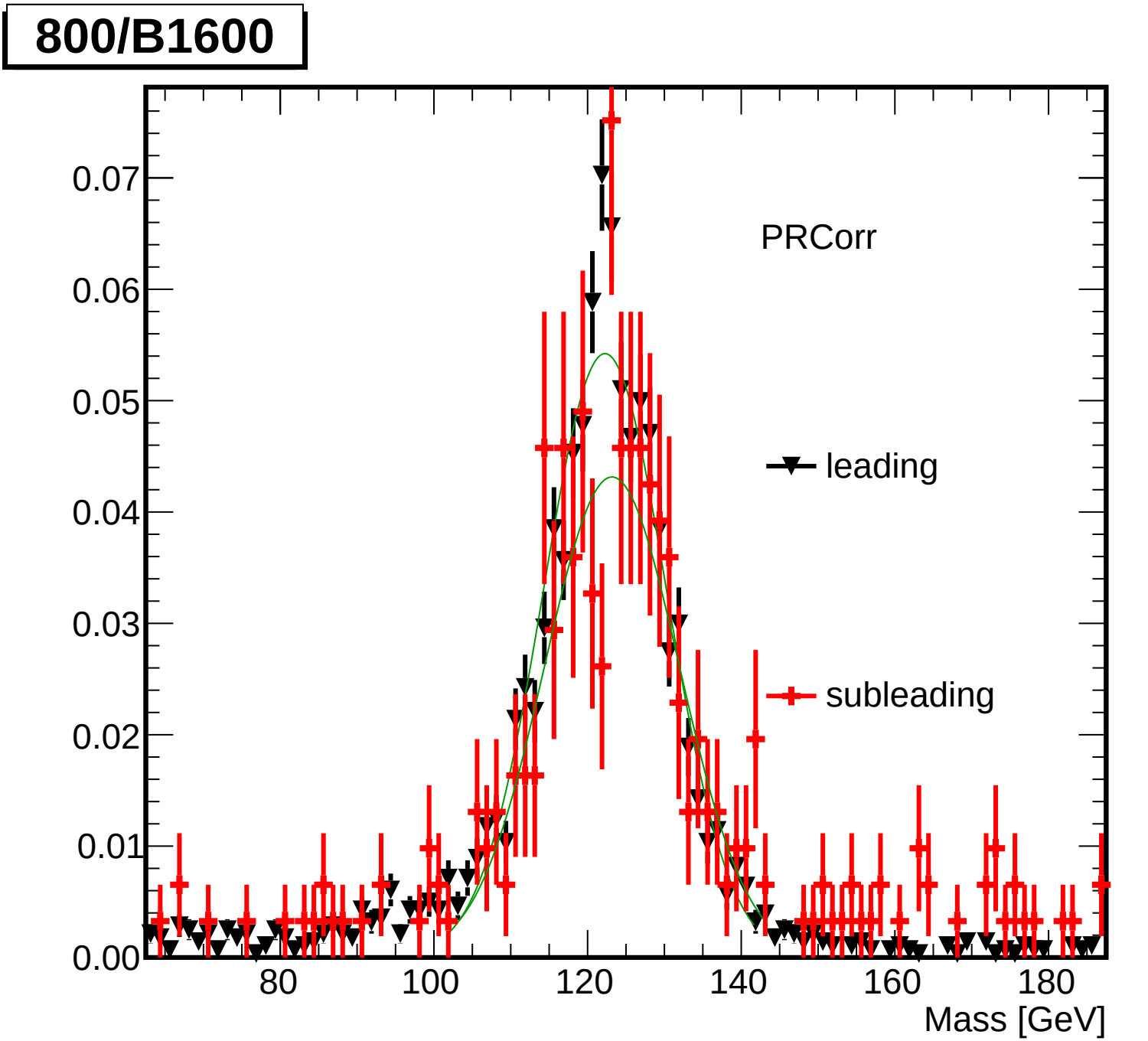
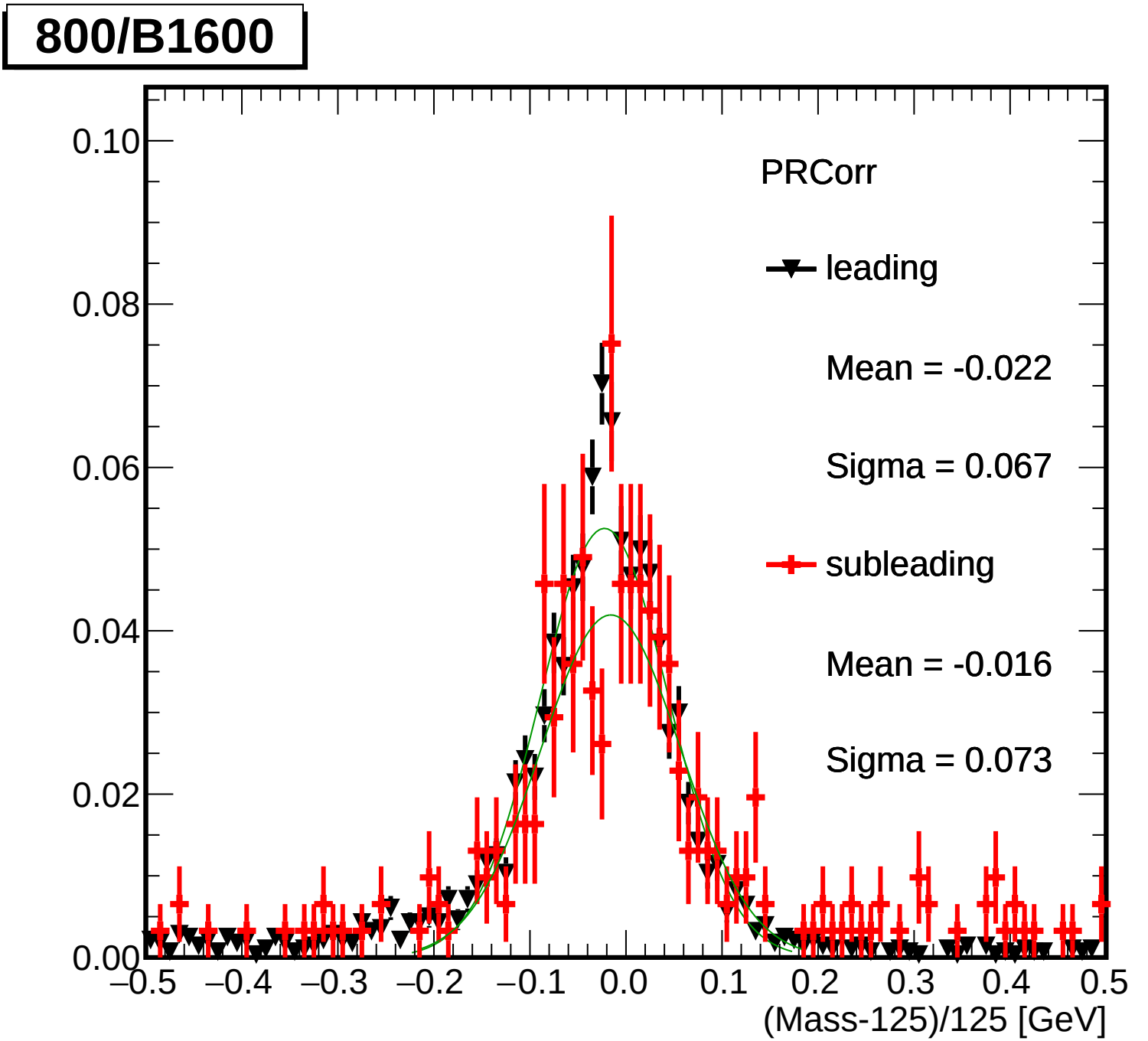
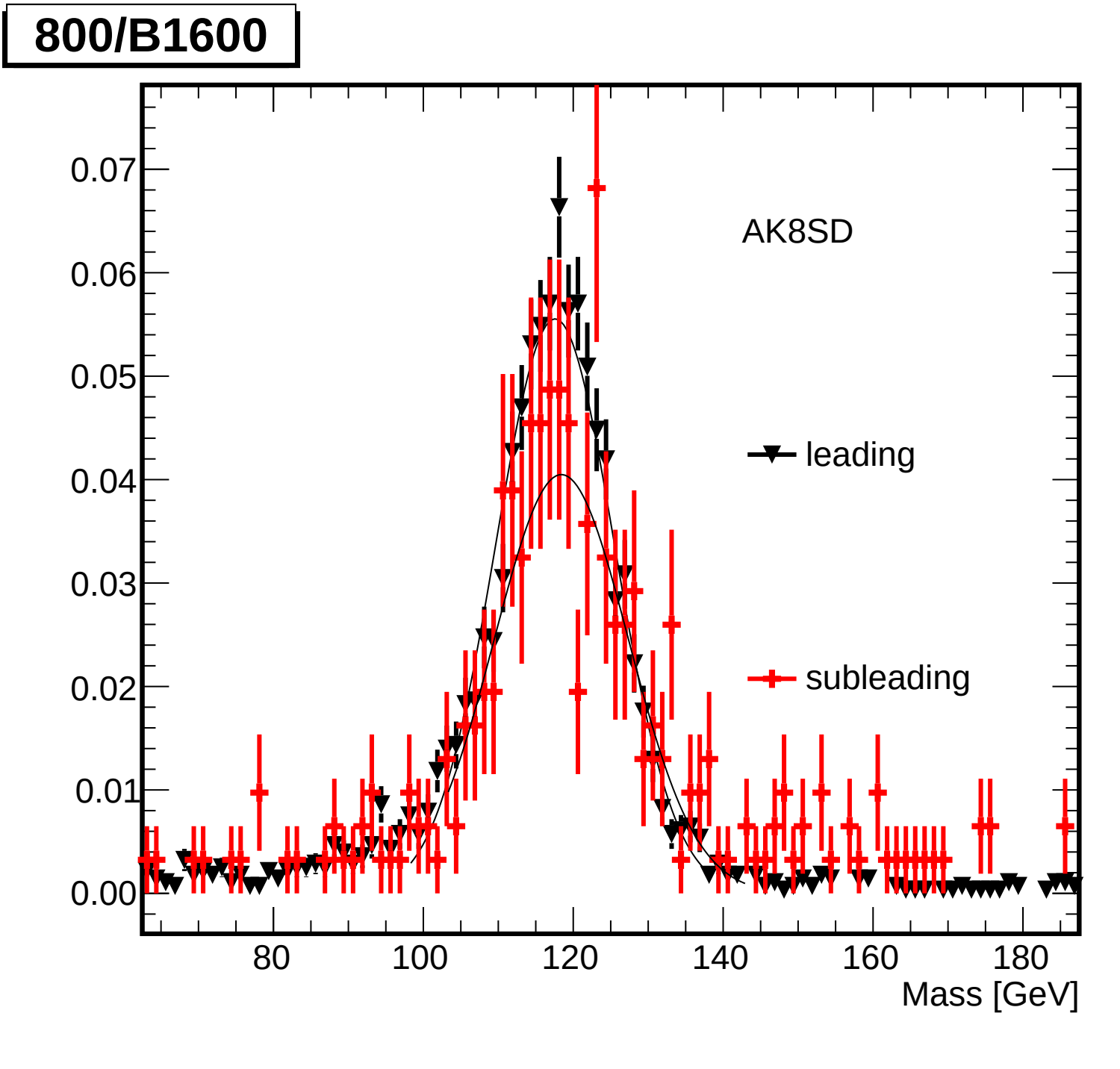
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

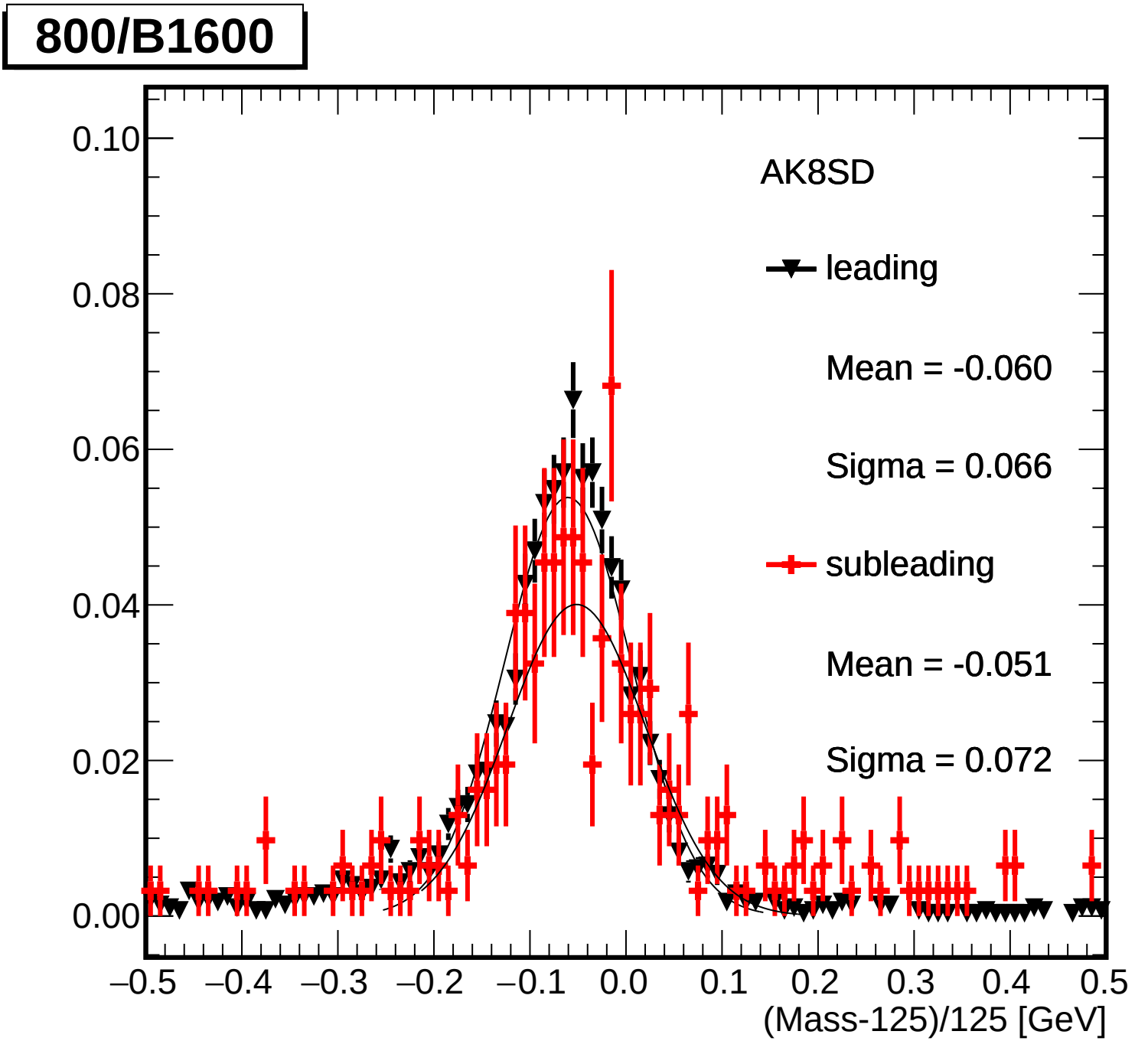

800/B1600
PR
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


800/B1600
PR
leading
Mean = -0.082
Sigma = 0.064
subleading
Mean = -0.075
Sigma = 0.068
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]


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


800/B1600
PRCorr
leading
Mean = -0.022
Sigma = 0.067
subleading
Mean = -0.016
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]


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


800/B1600
AK8SD
leading
Mean = -0.060
Sigma = 0.066
subleading
Mean = -0.051
Sigma = 0.072
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
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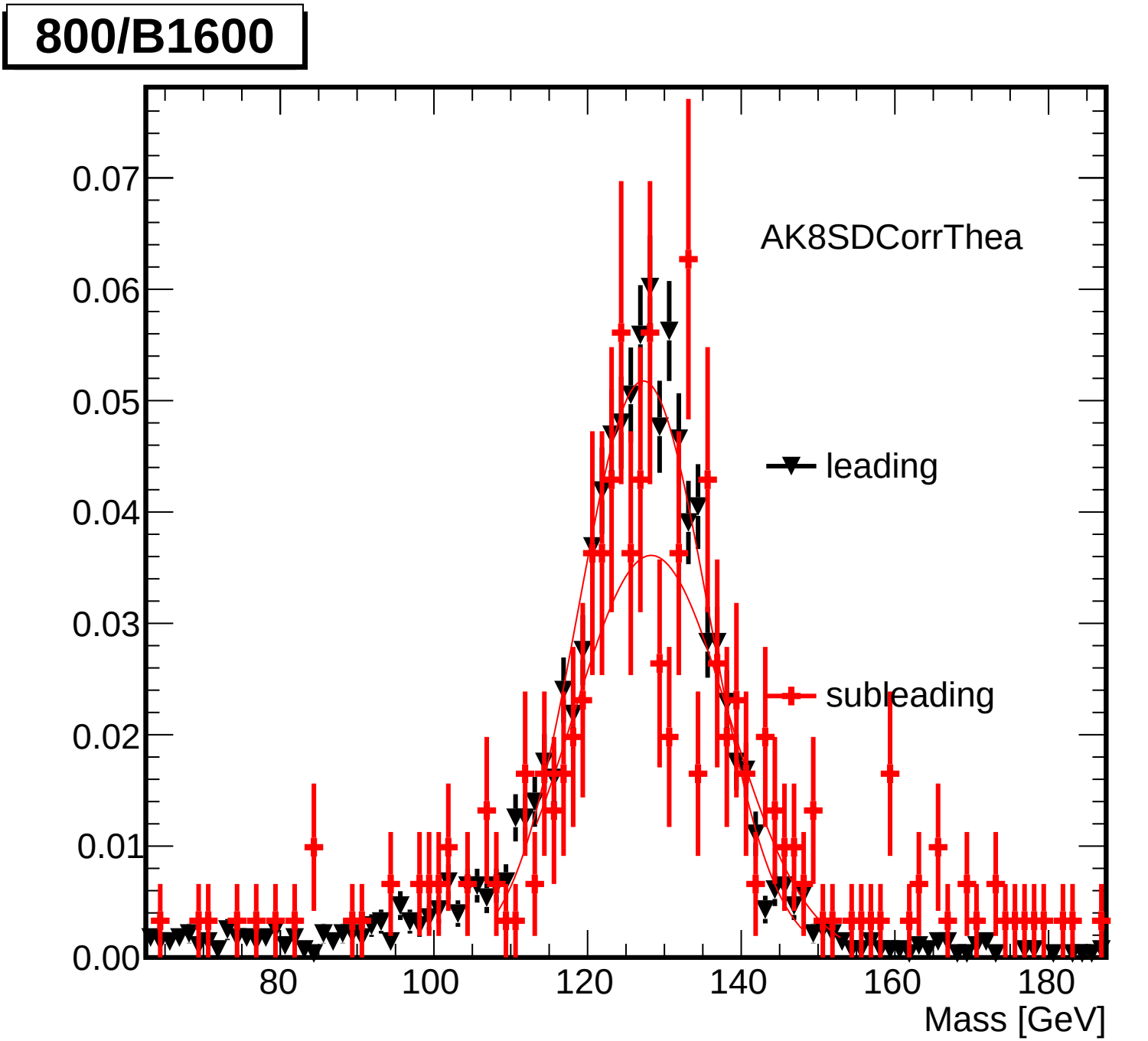
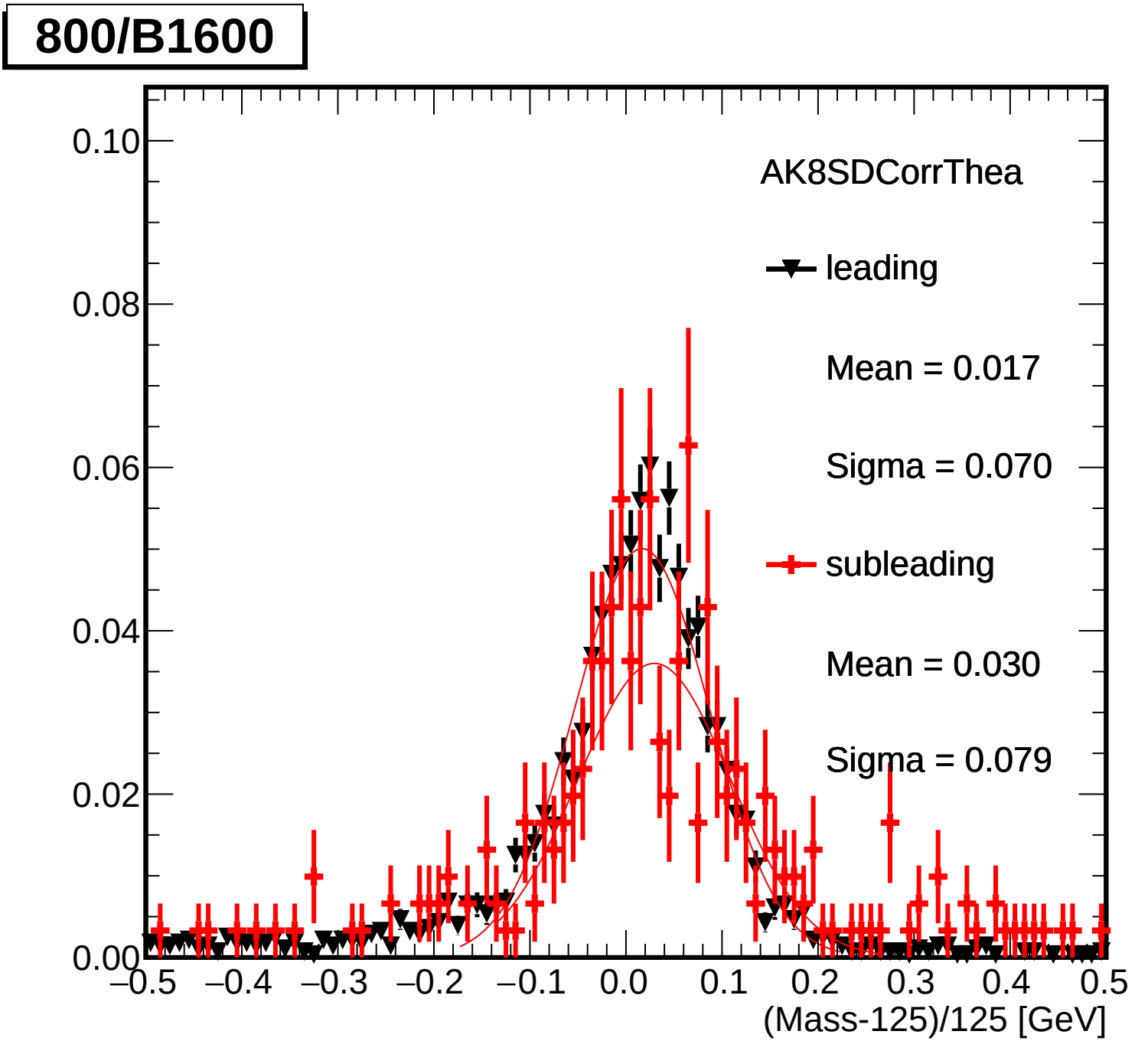
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]


800/B1600
AK8SDCorrThea
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


800/B1600
AK8SDCorrThea
leading
Mean = 0.017
Sigma = 0.070
subleading
Mean = 0.030
Sigma = 0.079
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
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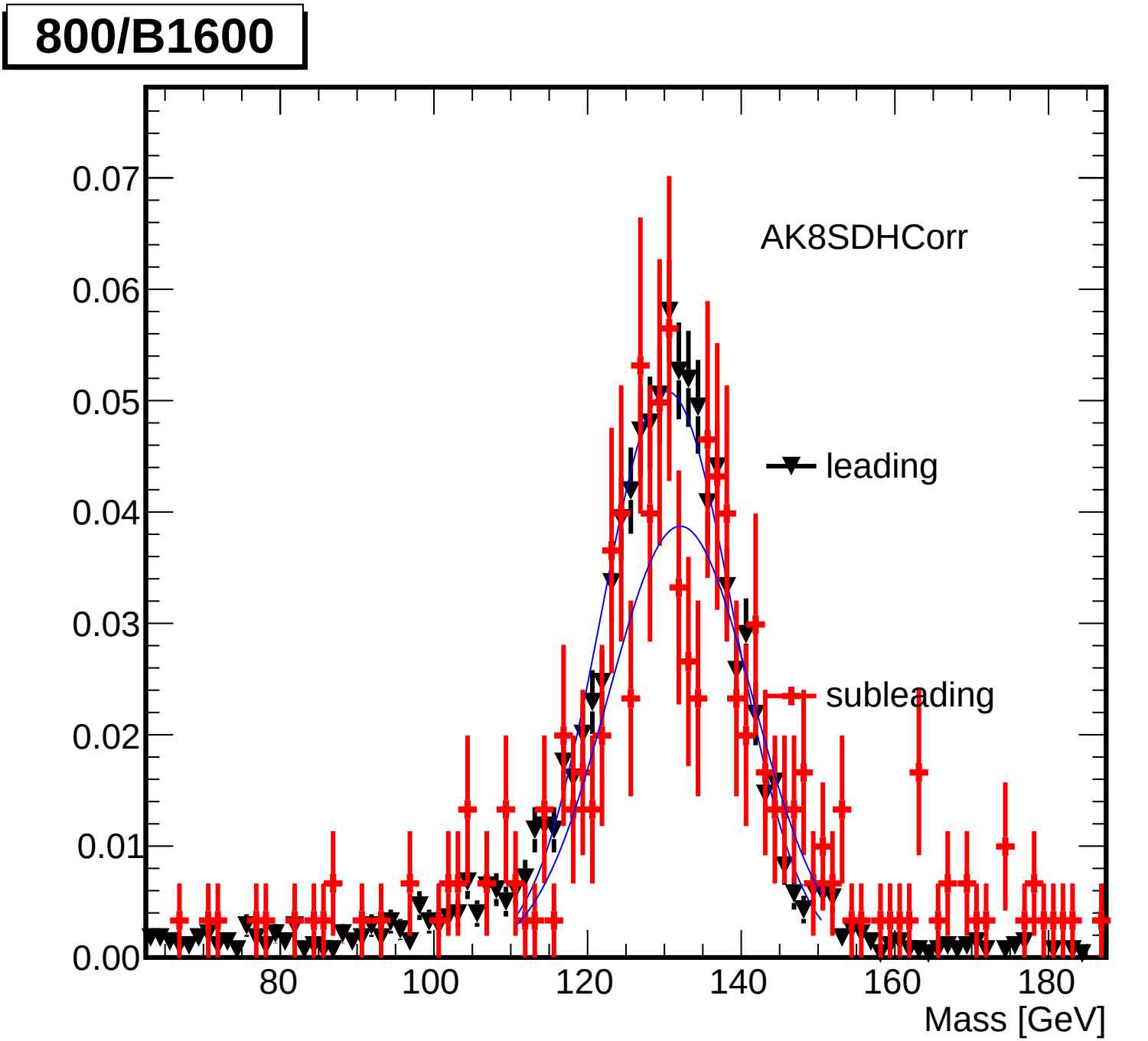
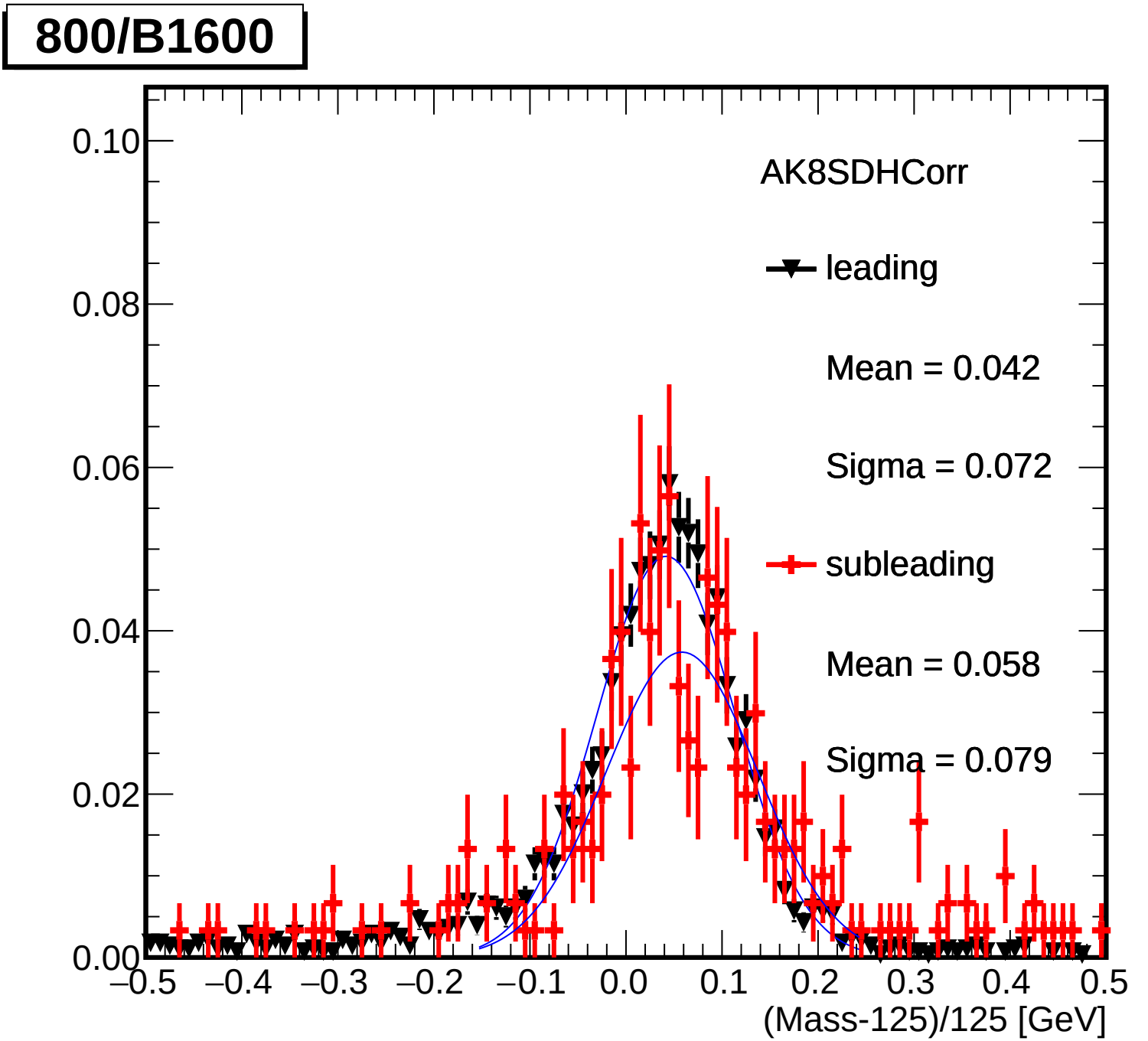
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]


800/B1600
AK8SDHCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


800/B1600
AK8SDHCorr
leading
Mean = 0.042
Sigma = 0.072
subleading
Mean = 0.058
Sigma = 0.079
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]