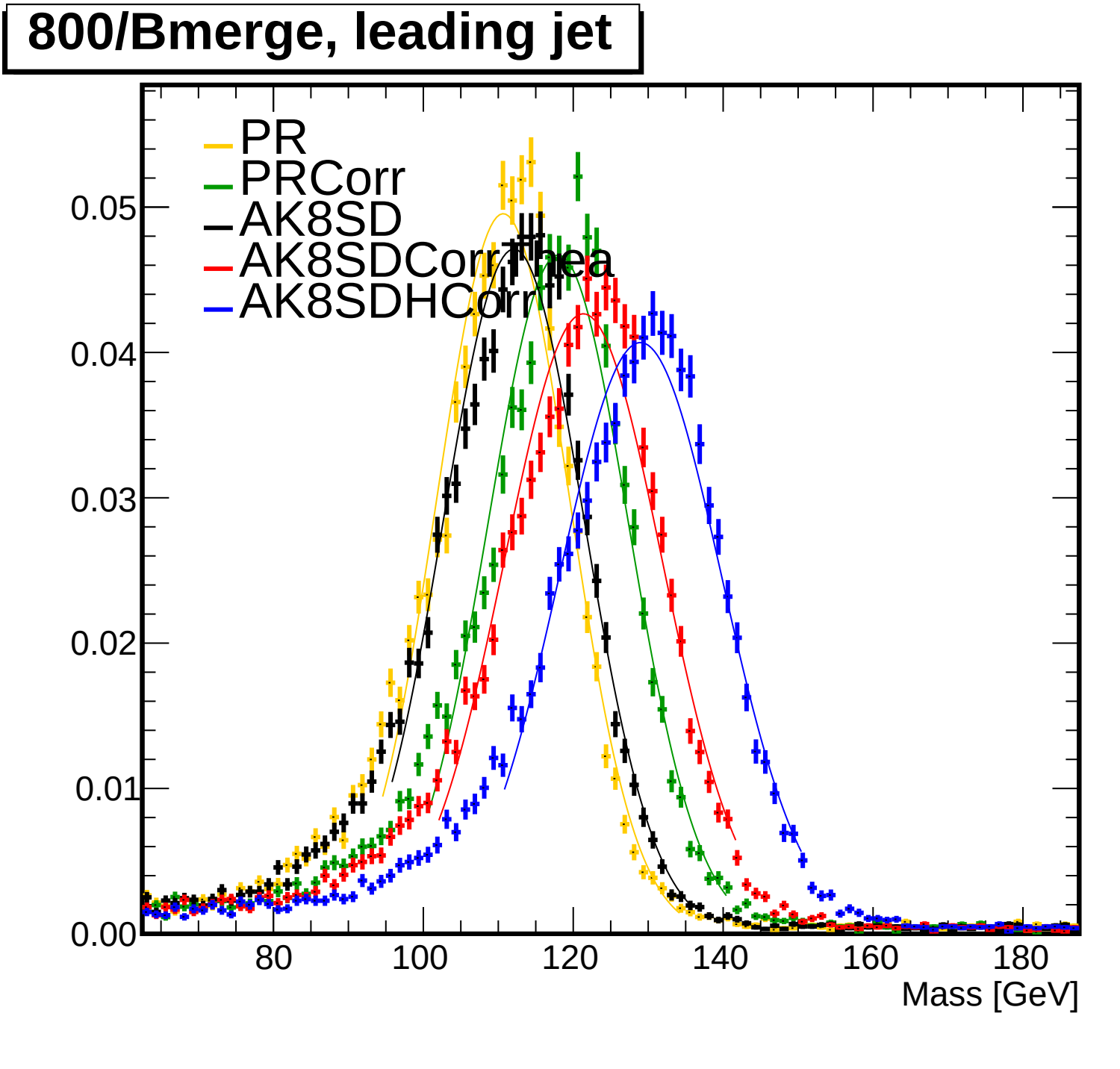
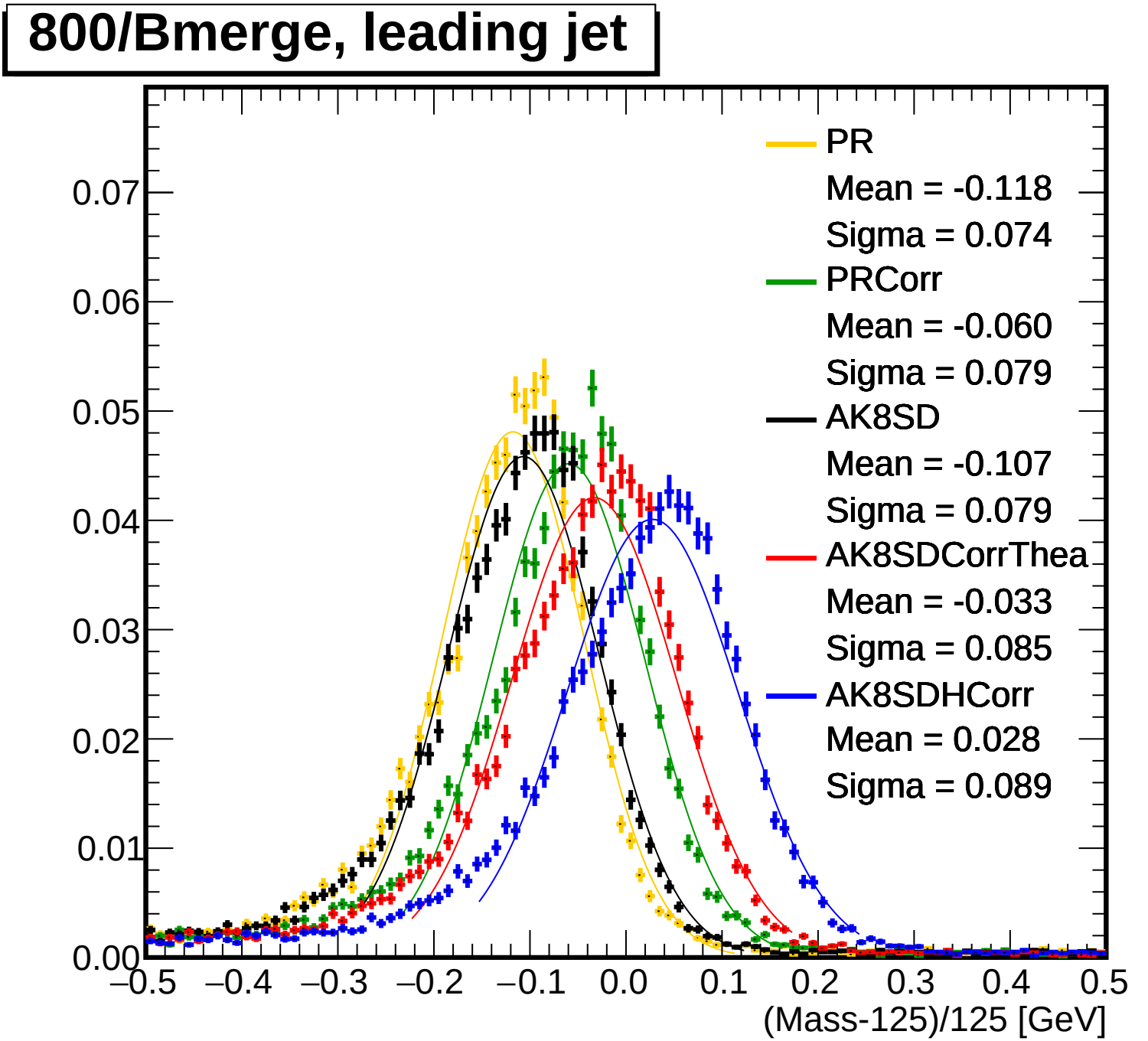
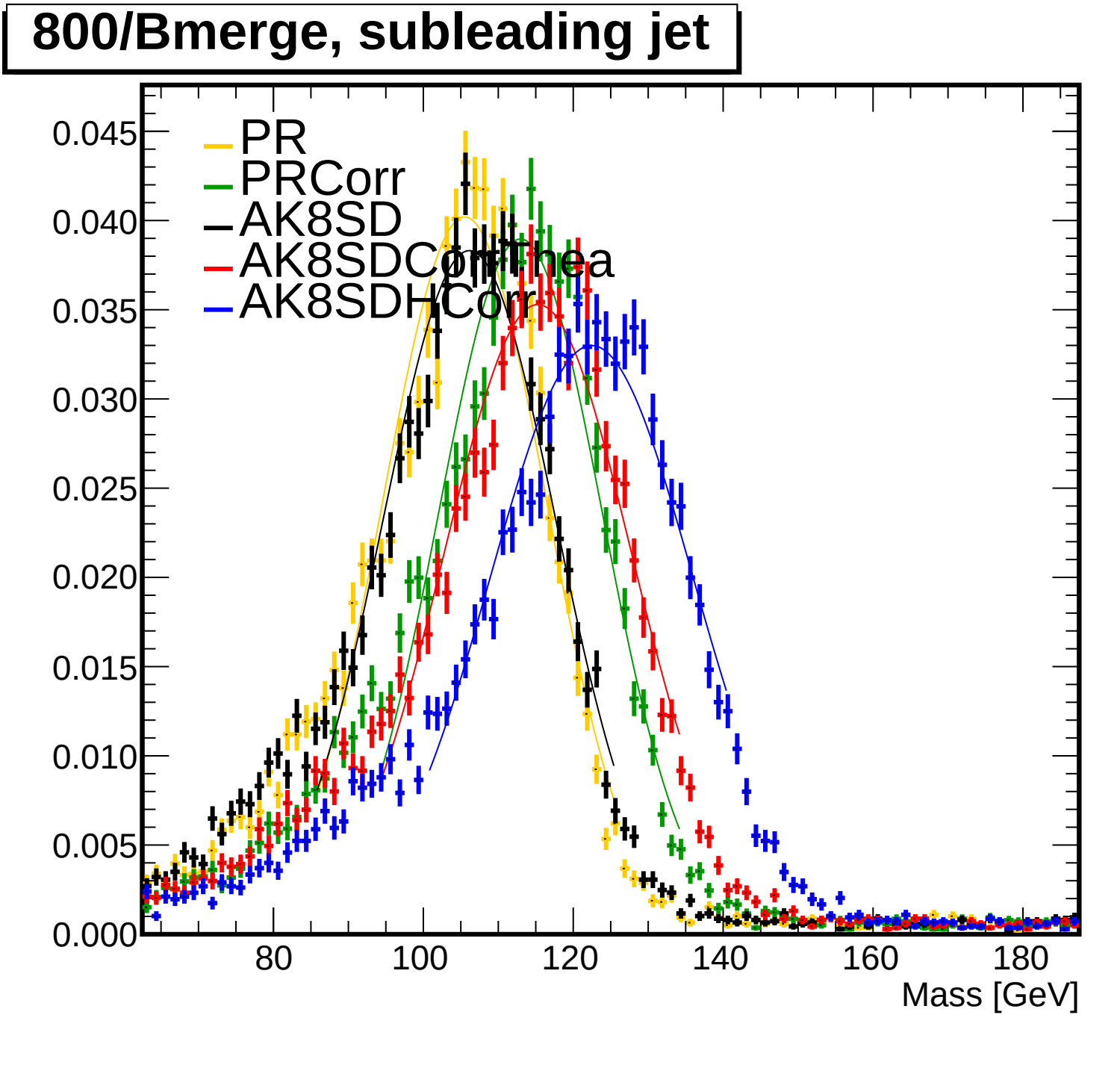
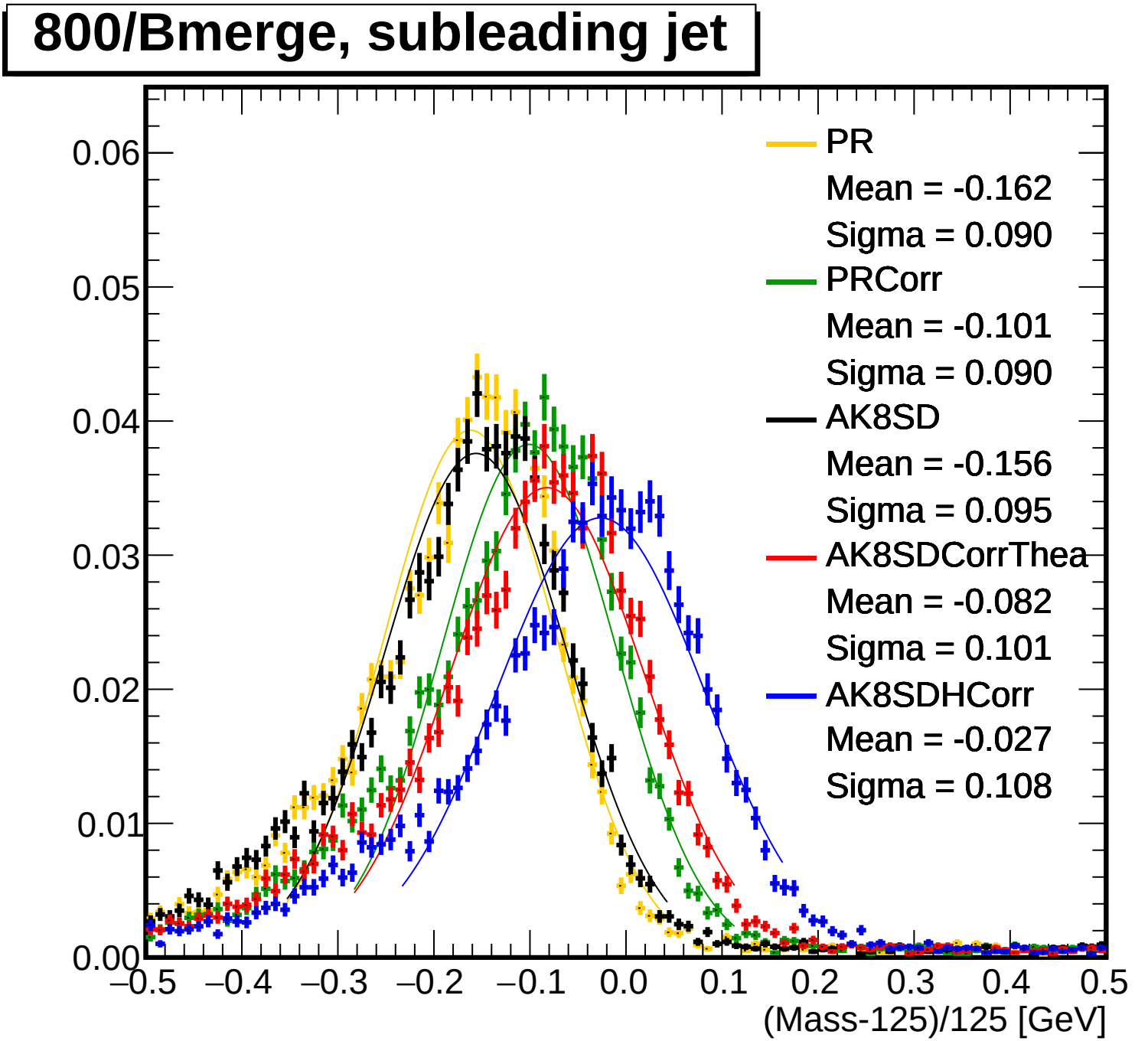
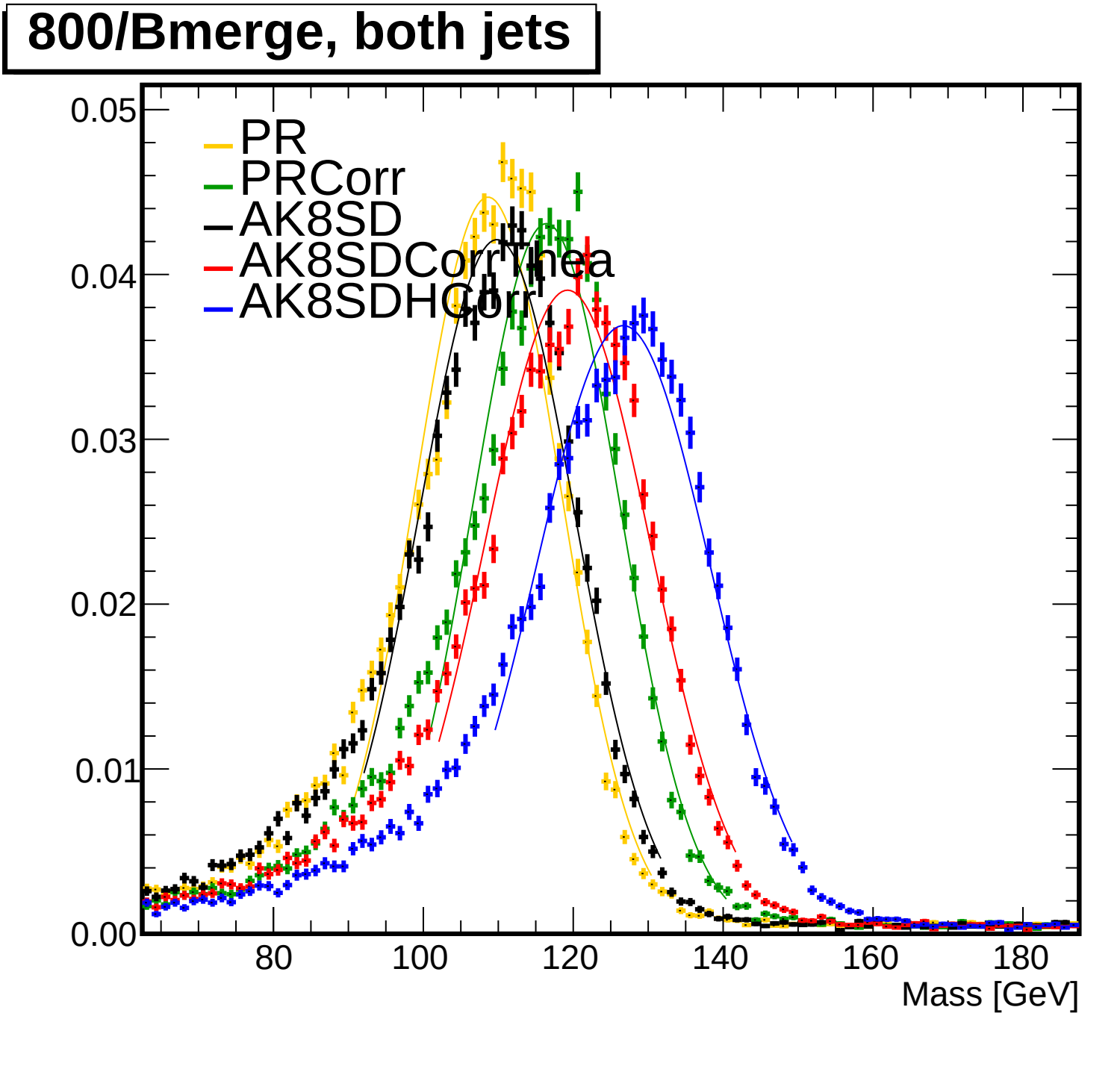
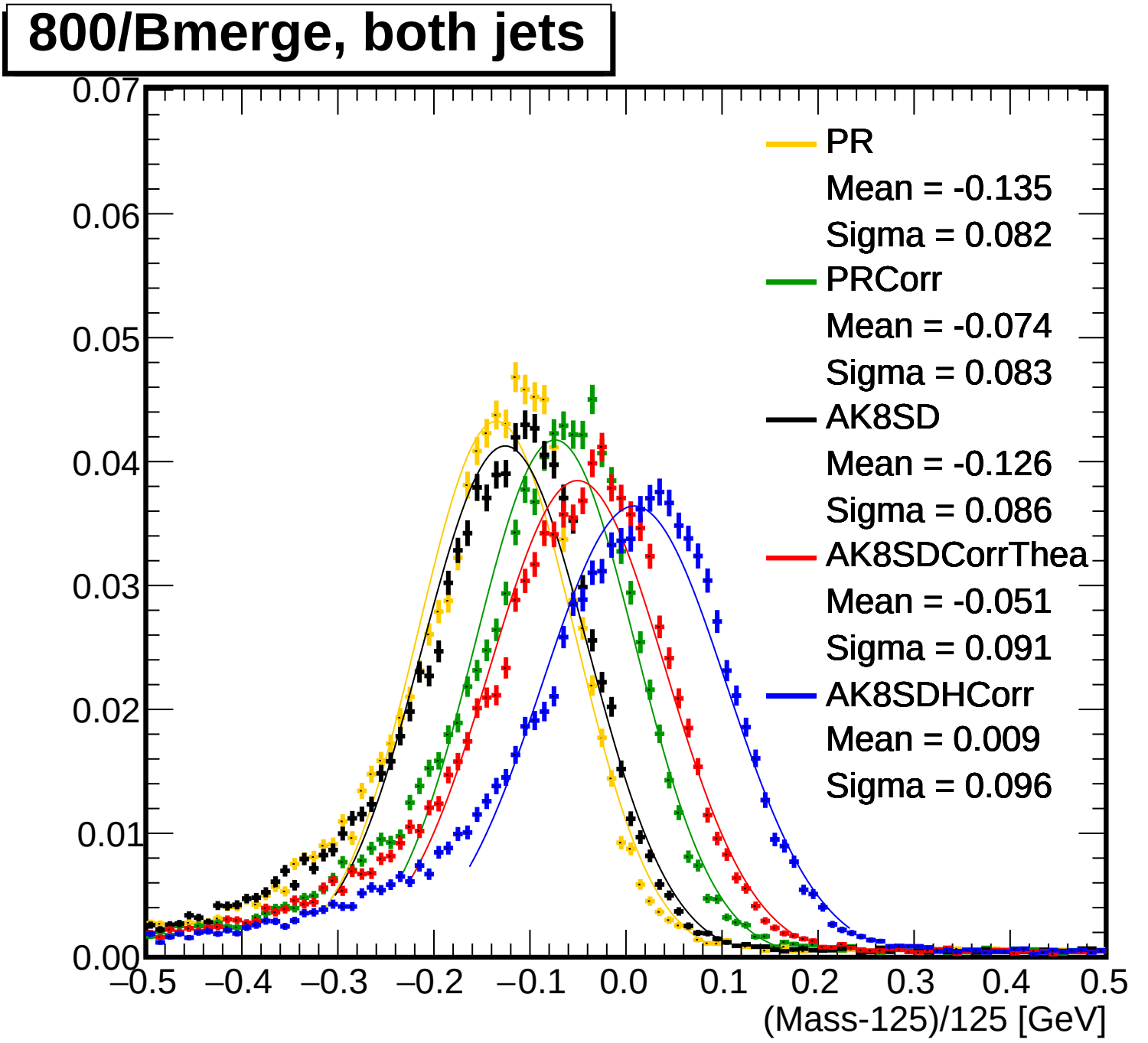

800/Bmerge, leading jet
PR
PRCorr
AK8SD
AK8SDCorr
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


800/Bmerge, leading jet
PR
Mean = -0.118
Sigma = 0.074
PRCorr
Mean = -0.060
Sigma = 0.079
AK8SD
Mean = -0.107
Sigma = 0.079
AK8SDCorrThea
Mean = -0.033
Sigma = 0.085
AK8SDHCorr
Mean = 0.028
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]


800/Bmerge, subleading jet
PR
PRCorr
AK8SD
AK8SDCorr
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]


800/Bmerge, subleading jet
PR
Mean = -0.162
Sigma = 0.090
PRCorr
Mean = -0.101
Sigma = 0.090
AK8SD
Mean = -0.156
Sigma = 0.095
AK8SDCorrThea
Mean = -0.082
Sigma = 0.101
AK8SDHCorr
Mean = -0.027
Sigma = 0.108
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]


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


800/Bmerge, both jets
PR
Mean = -0.135
Sigma = 0.082
PRCorr
Mean = -0.074
Sigma = 0.083
AK8SD
Mean = -0.126
Sigma = 0.086
AK8SDCorrThea
Mean = -0.051
Sigma = 0.091
AK8SDHCorr
Mean = 0.009
Sigma = 0.096
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]