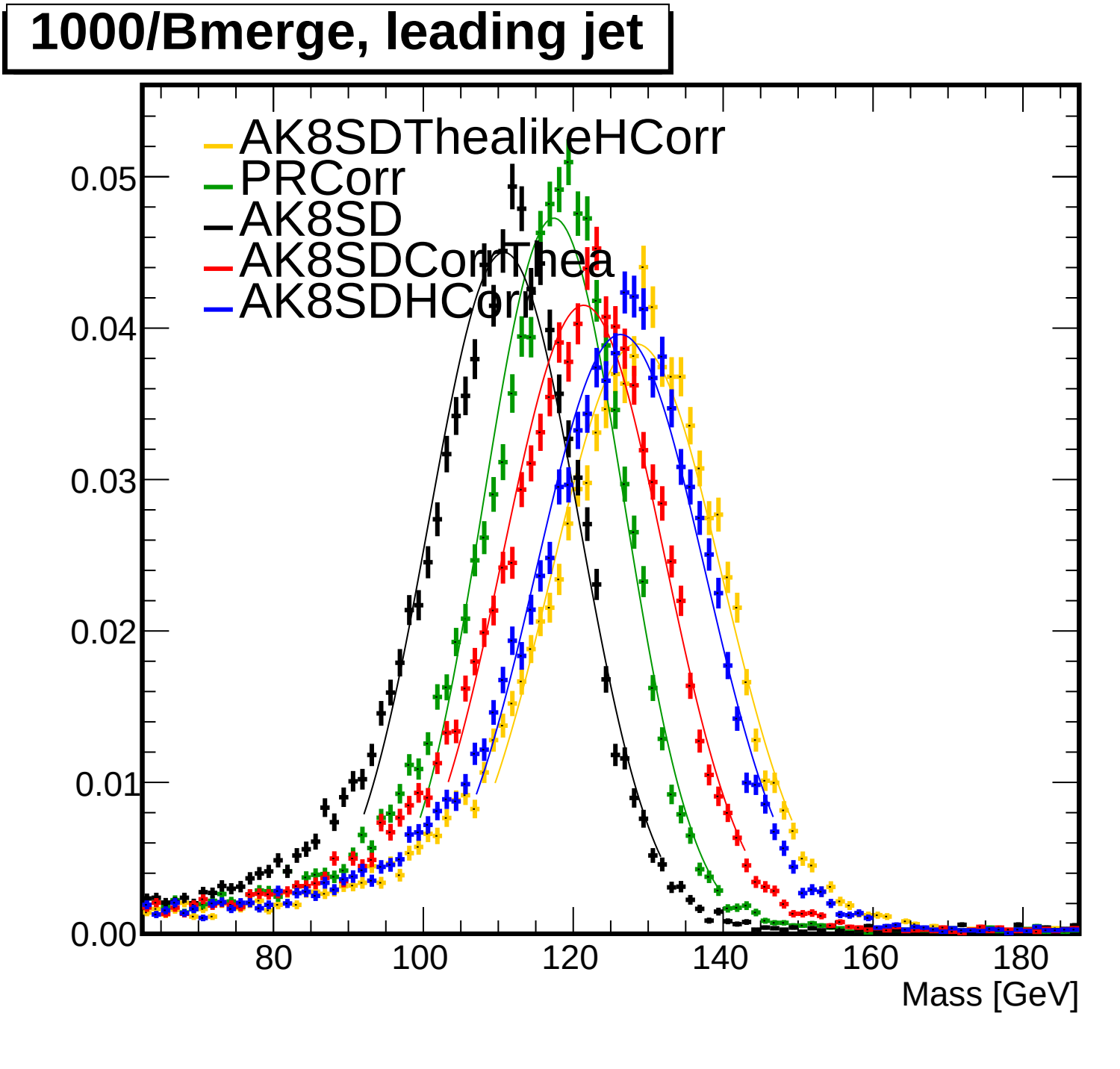
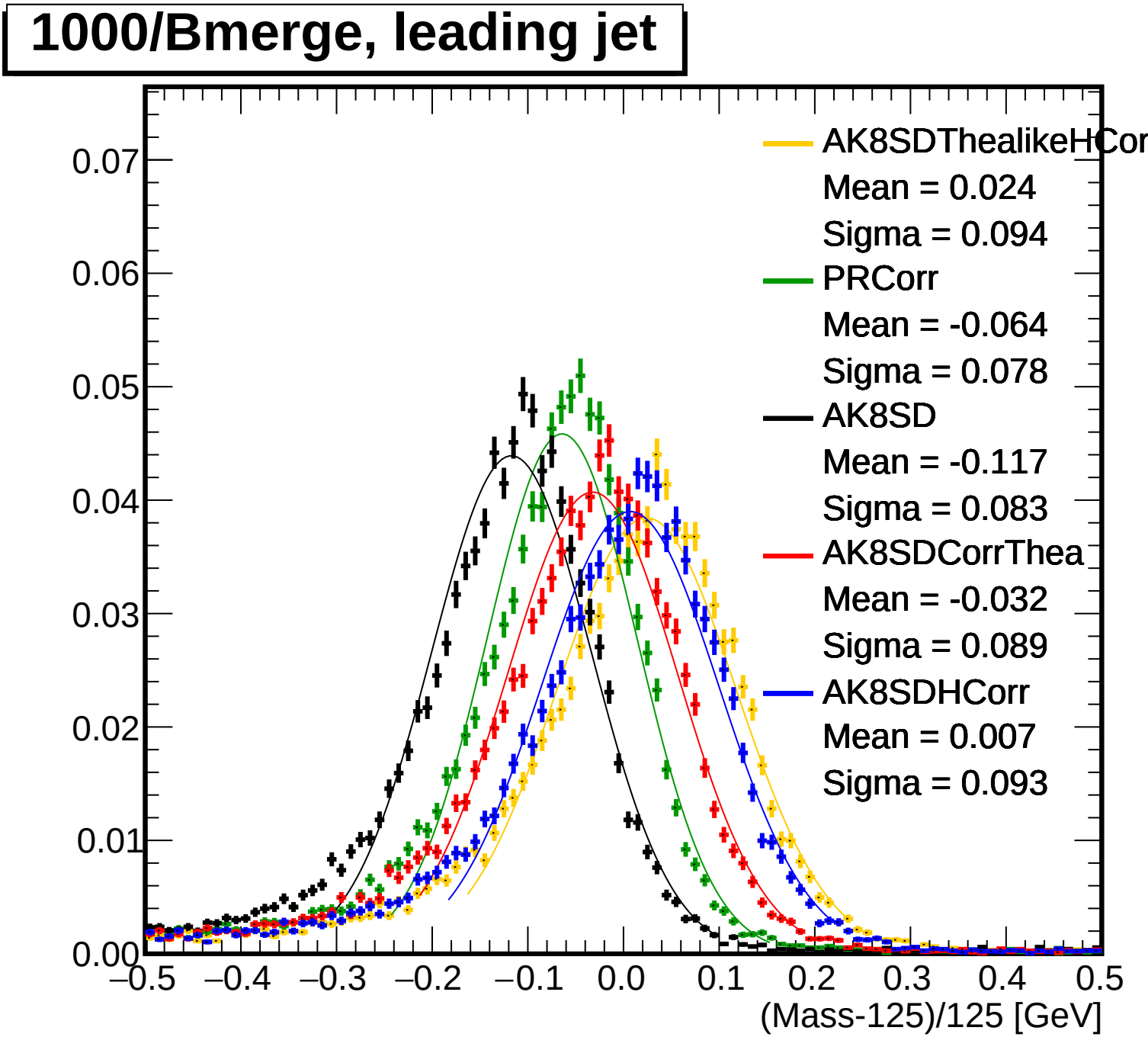
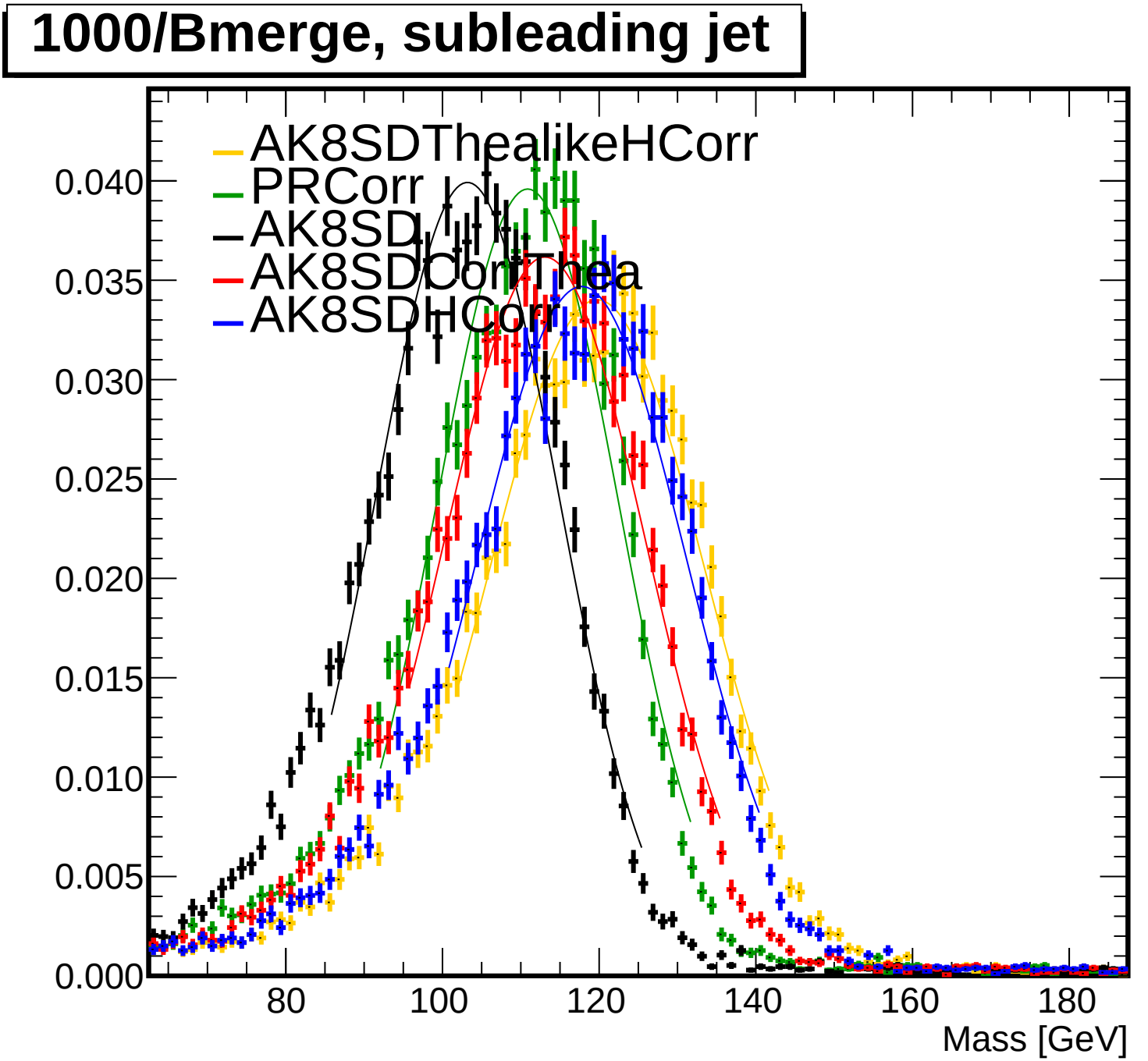
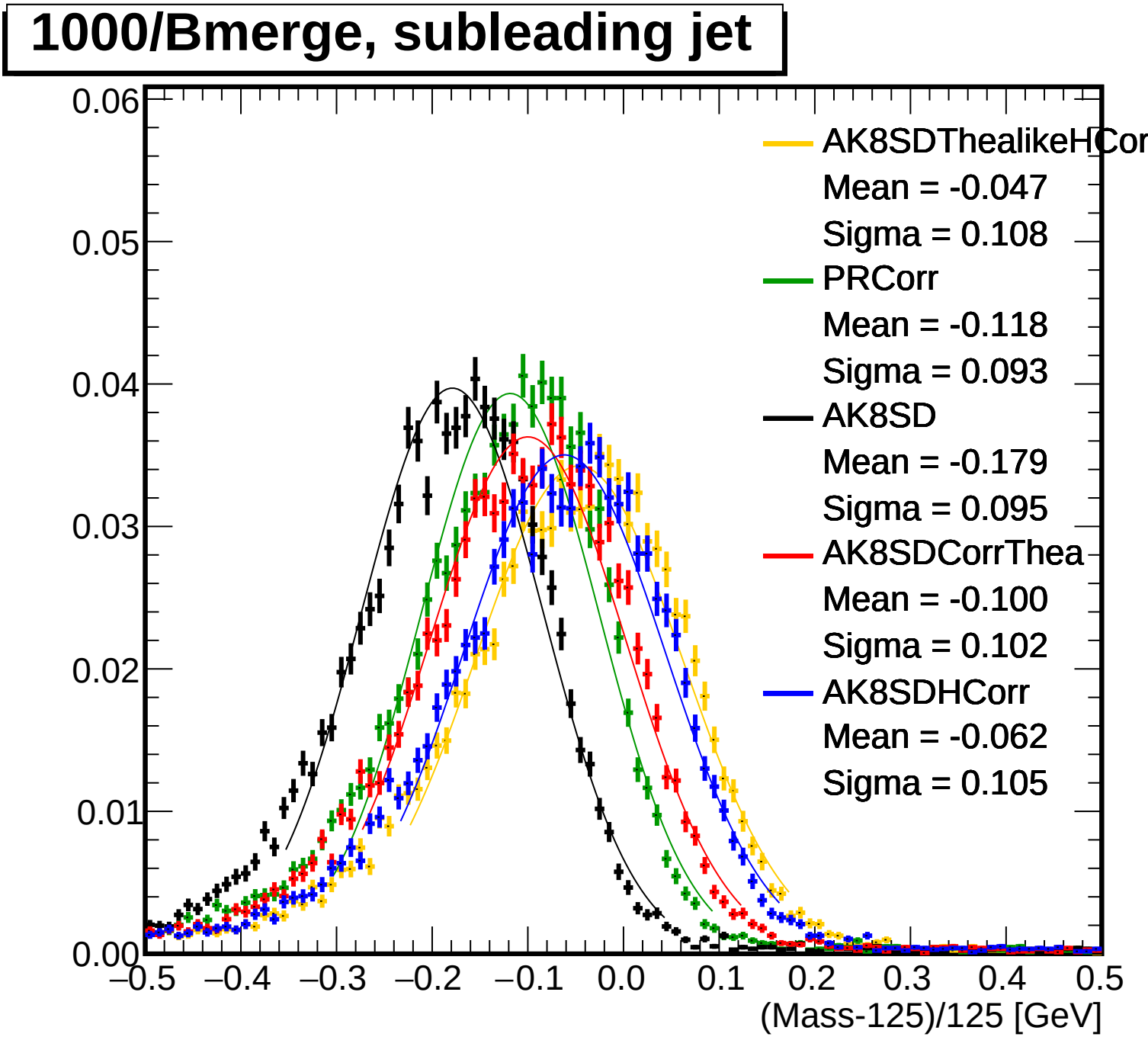
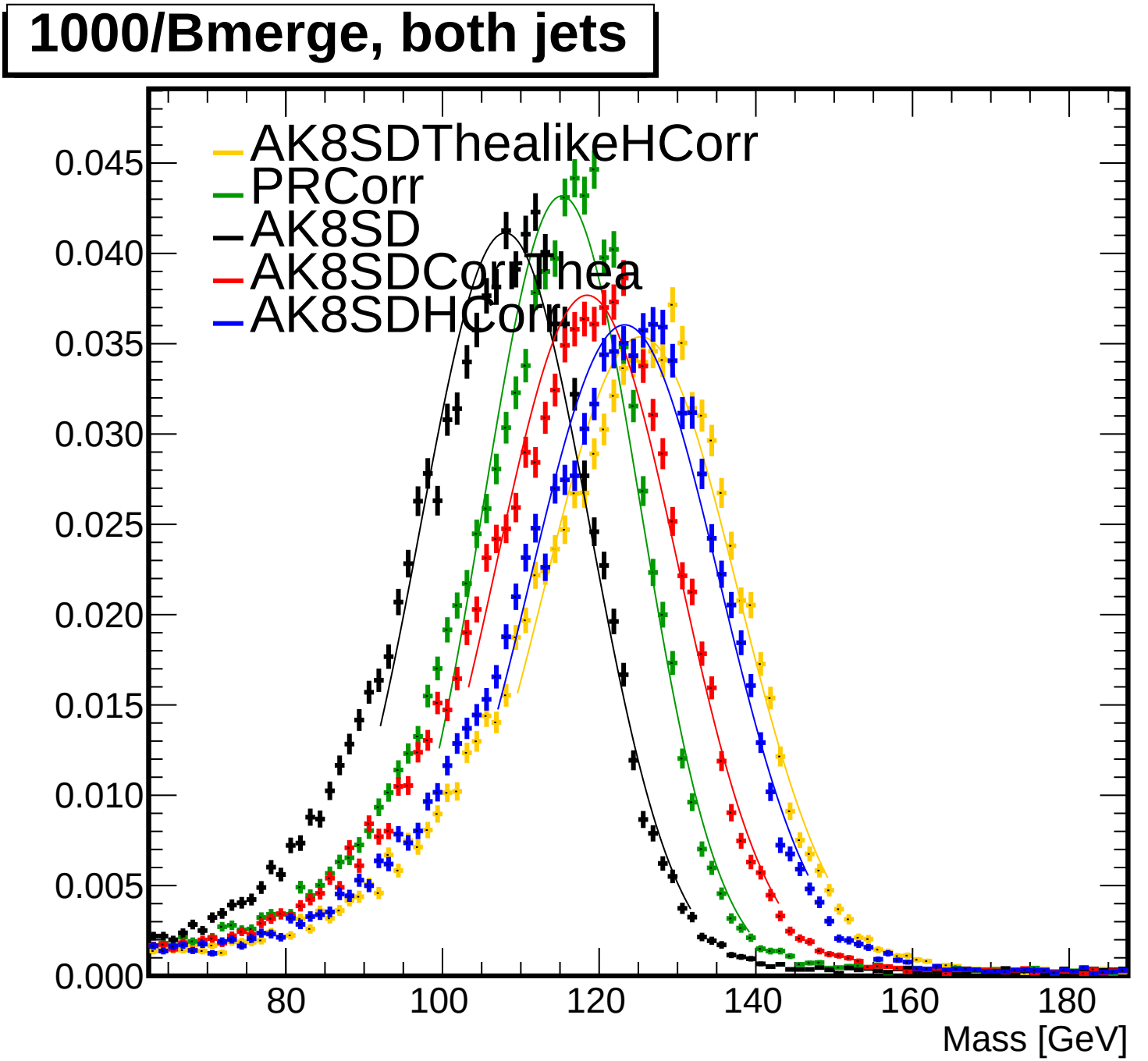
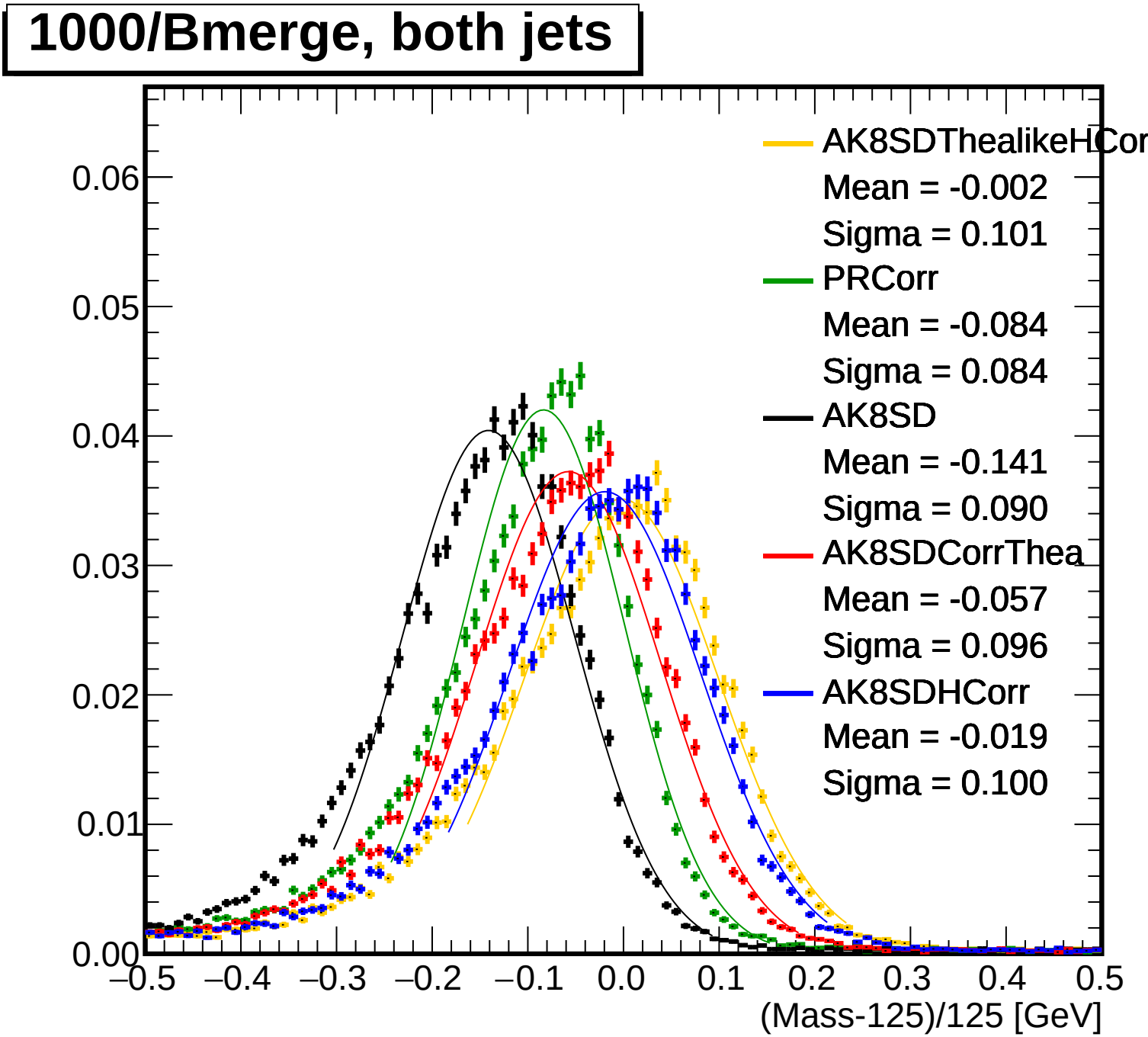

1000/Bmerge, leading jet
AK8SDThealikeHCorr
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1000/Bmerge, leading jet
AK8SDThealikeHCor
Mean = 0.024
Sigma = 0.094
PRCorr
Mean = -0.064
Sigma = 0.078
AK8SD
Mean = -0.117
Sigma = 0.083
AK8SDCorrThea
Mean = -0.032
Sigma = 0.089
AK8SDHCorr
Mean = 0.007
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]


1000/Bmerge, subleading jet
AK8SDThealikeHCorr
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]


1000/Bmerge, subleading jet
AK8SDThealikeHCor
Mean = -0.047
Sigma = 0.108
PRCorr
Mean = -0.118
Sigma = 0.093
AK8SD
Mean = -0.179
Sigma = 0.095
AK8SDCorrThea
Mean = -0.100
Sigma = 0.102
AK8SDHCorr
Mean = -0.062
Sigma = 0.105
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]


1000/Bmerge, both jets
AK8SDThealikeHCorr
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]


1000/Bmerge, both jets
AK8SDThealikeHCor
Mean = -0.002
Sigma = 0.101
PRCorr
Mean = -0.084
Sigma = 0.084
AK8SD
Mean = -0.141
Sigma = 0.090
AK8SDCorrThea
Mean = -0.057
Sigma = 0.096
AK8SDHCorr
Mean = -0.019
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]