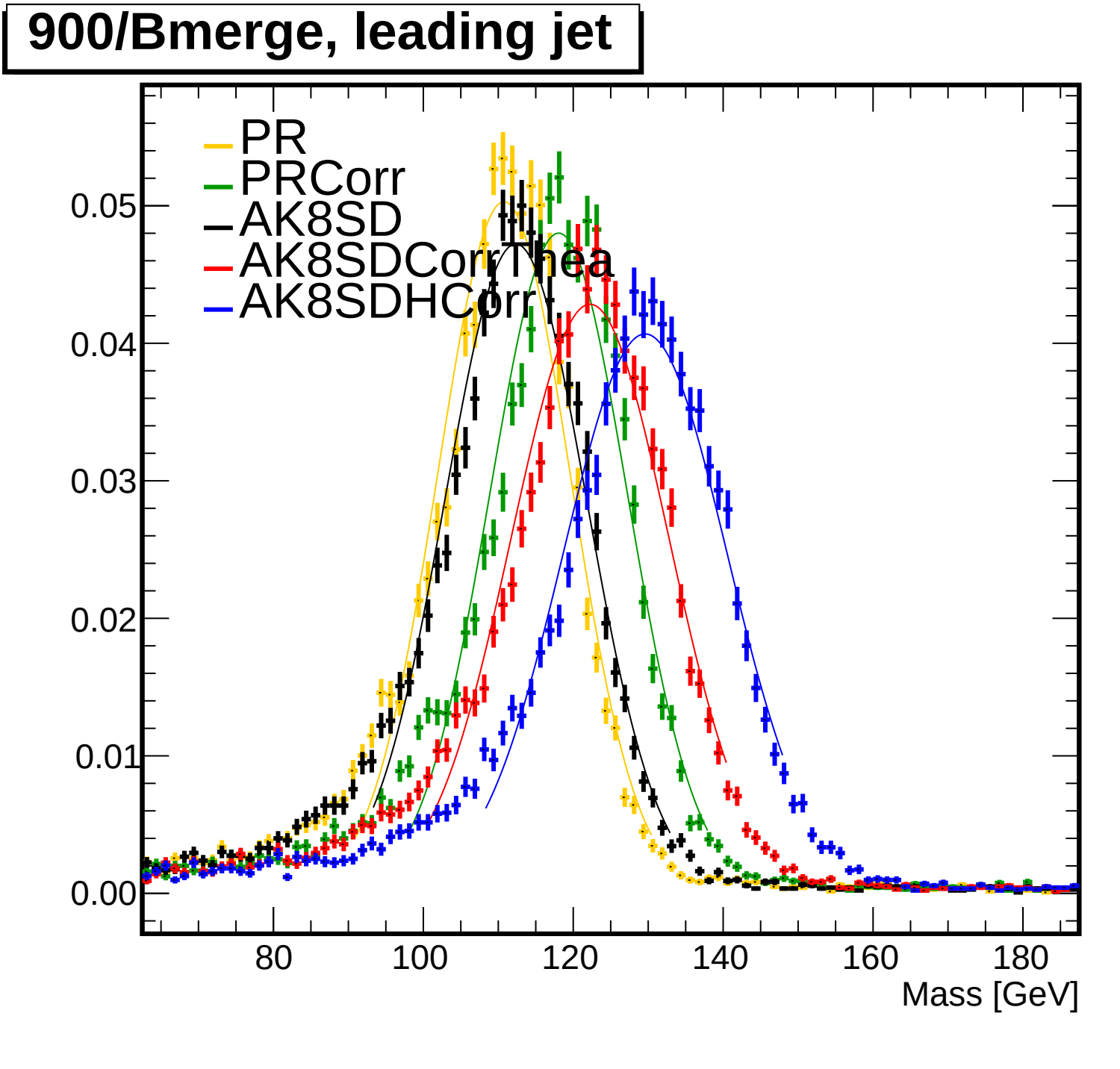
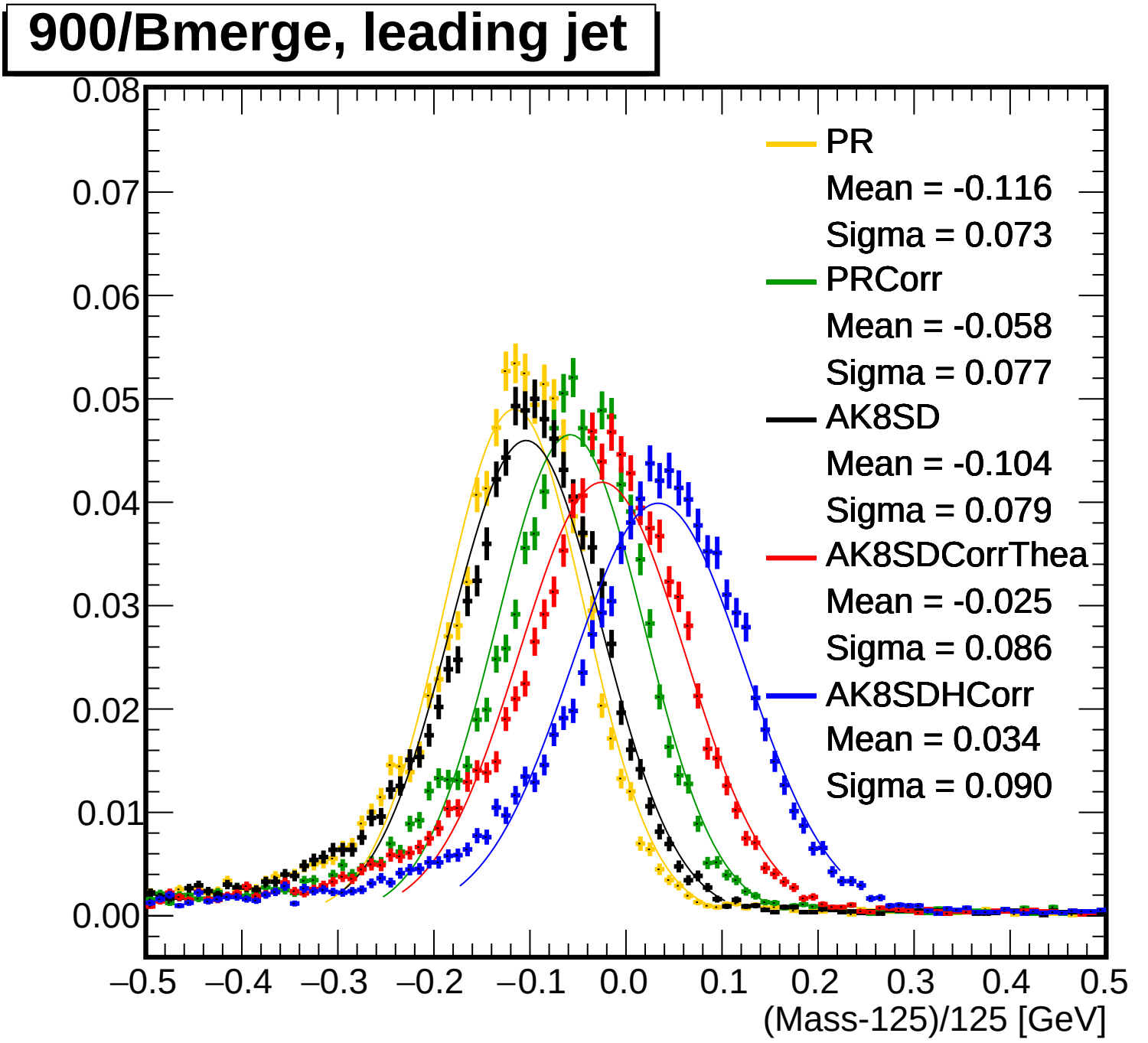
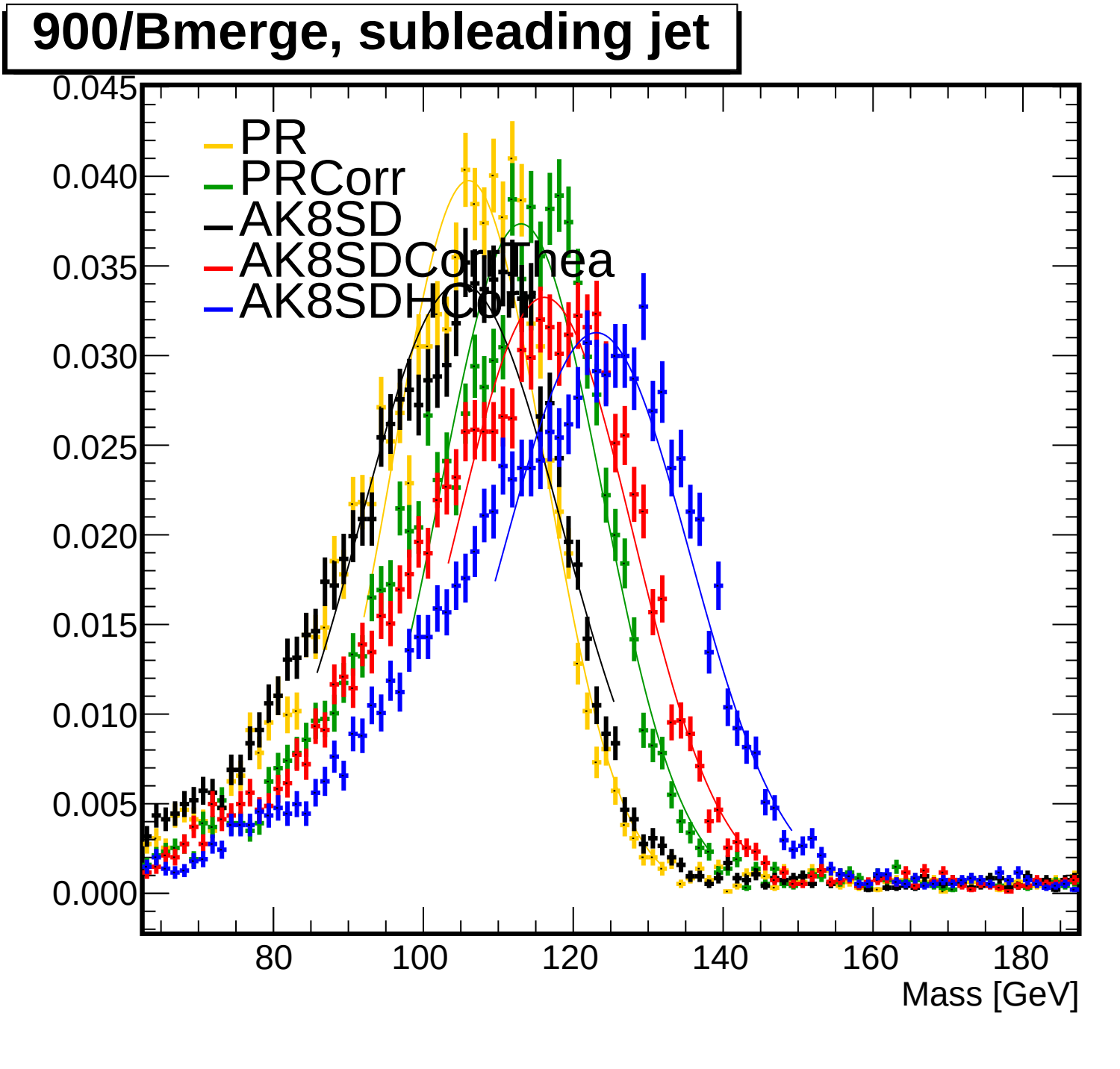
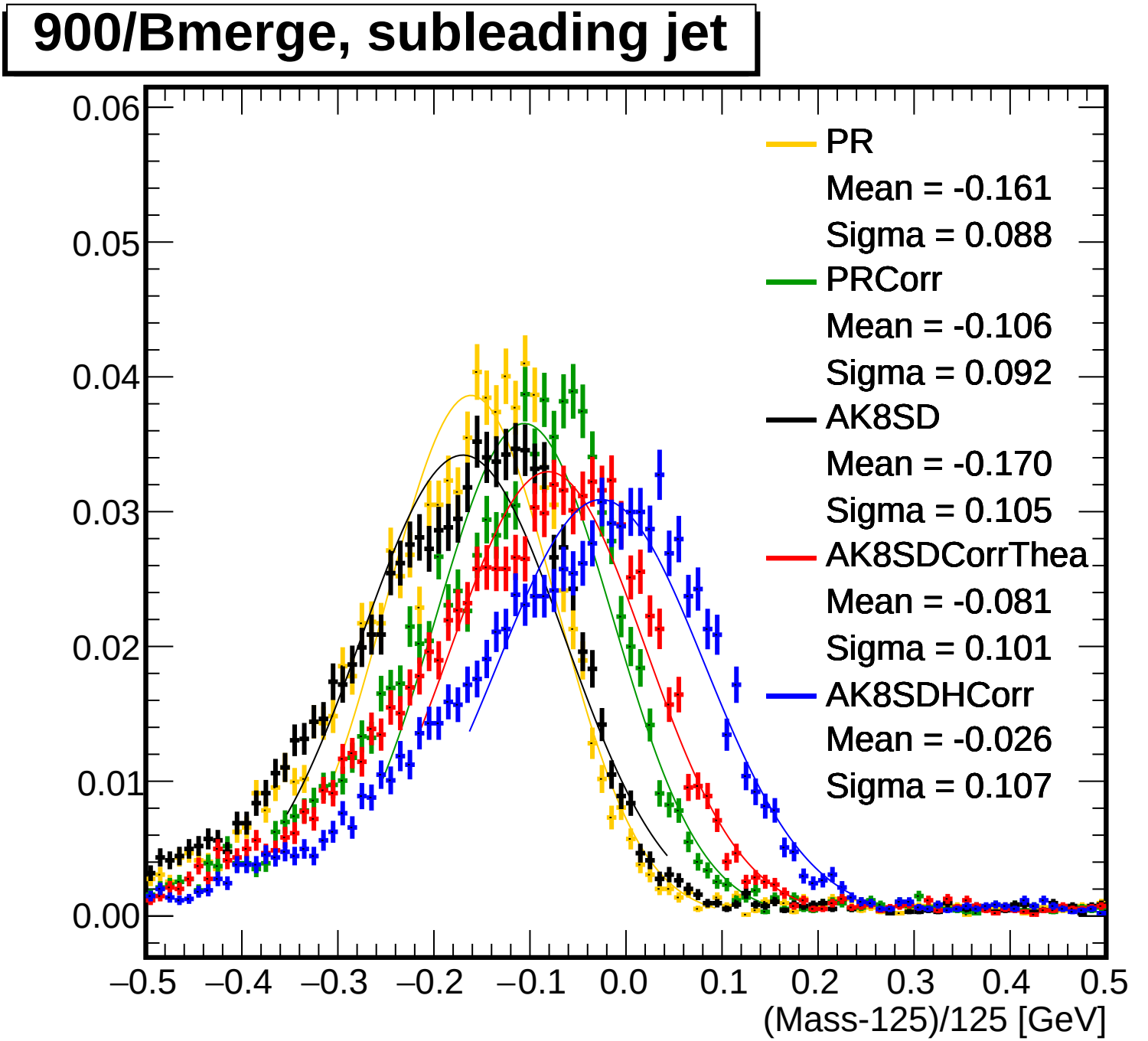
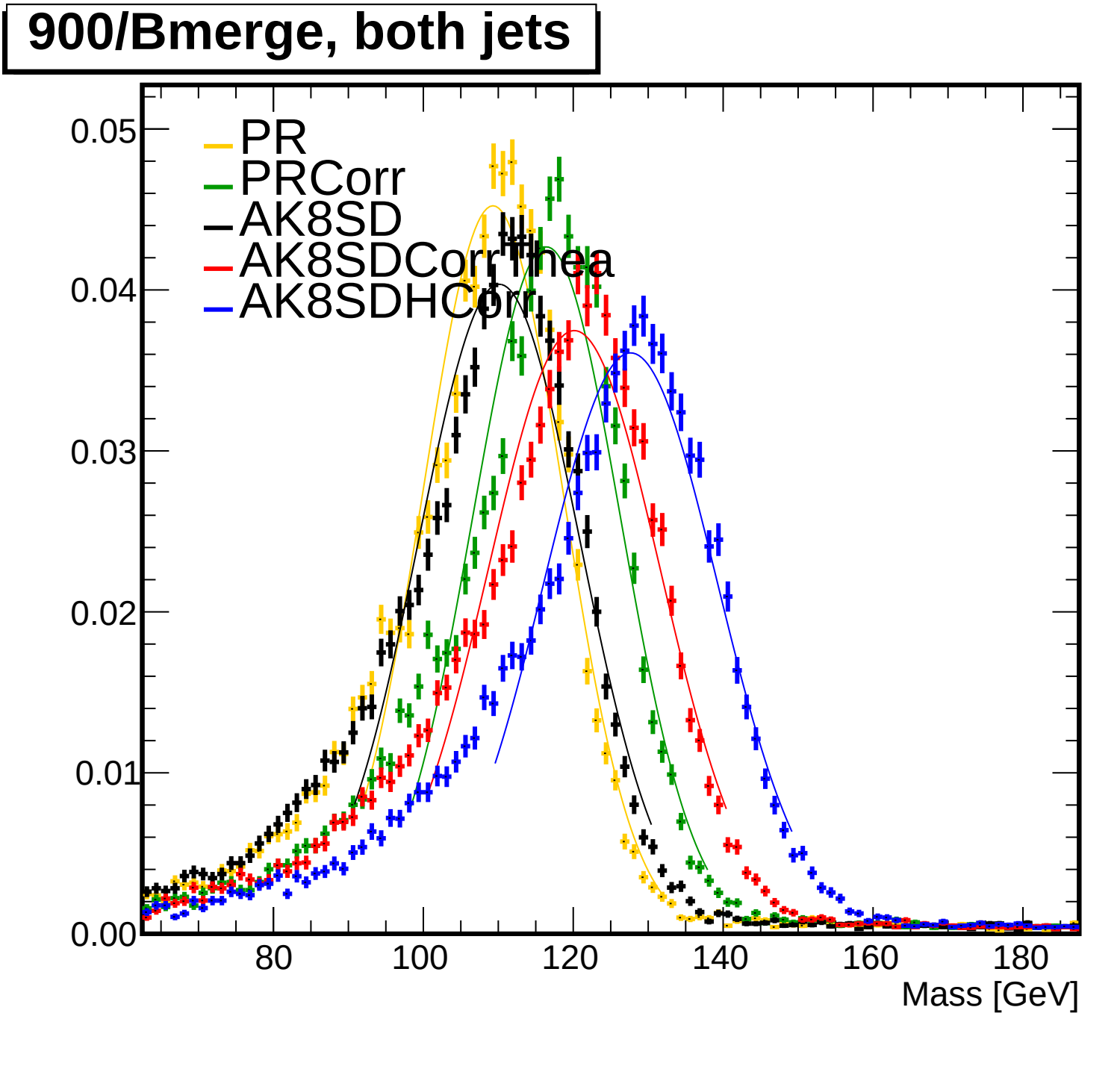
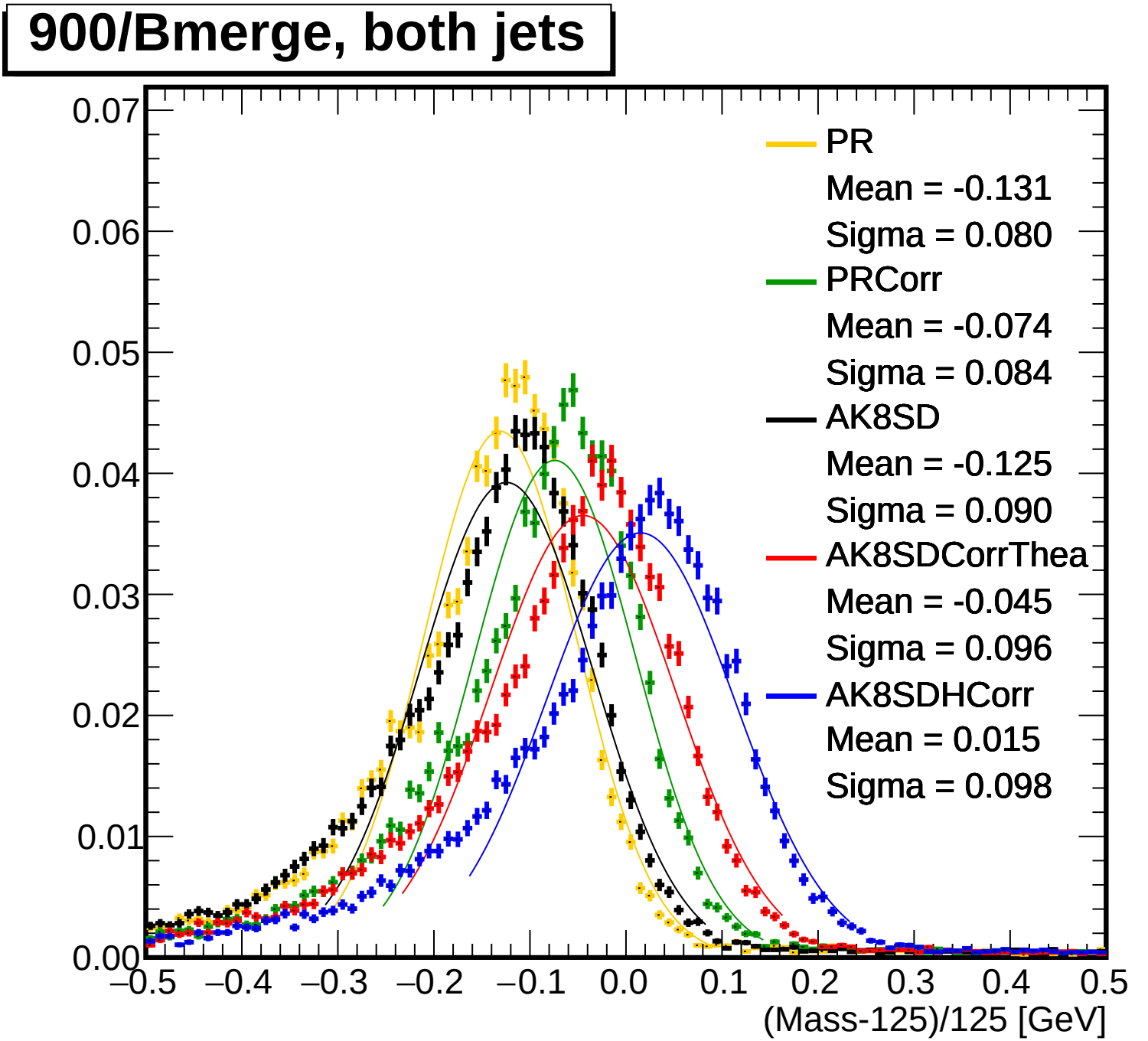

900/Bmerge, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


900/Bmerge, leading jet
PR
Mean = -0.116
Sigma = 0.073
PRCorr
Mean = -0.058
Sigma = 0.077
AK8SD
Mean = -0.104
Sigma = 0.079
AK8SDCorrThea
Mean = -0.025
Sigma = 0.086
AK8SDHCorr
Mean = 0.034
Sigma = 0.090
0.08
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]


900/Bmerge, 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]


900/Bmerge, subleading jet
PR
Mean = -0.161
Sigma = 0.088
PRCorr
Mean = -0.106
Sigma = 0.092
AK8SD
Mean = -0.170
Sigma = 0.105
AK8SDCorrThea
Mean = -0.081
Sigma = 0.101
AK8SDHCorr
Mean = -0.026
Sigma = 0.107
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]


900/Bmerge, both jets
PR
PRCorr
AK8SD
AK8SDCorrTnea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


900/Bmerge, both jets
PR
Mean = -0.131
Sigma = 0.080
PRCorr
Mean = -0.074
Sigma = 0.084
AK8SD
Mean = -0.125
Sigma = 0.090
AK8SDCorrThea
Mean = -0.045
Sigma = 0.096
AK8SDHCorr
Mean = 0.015
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]