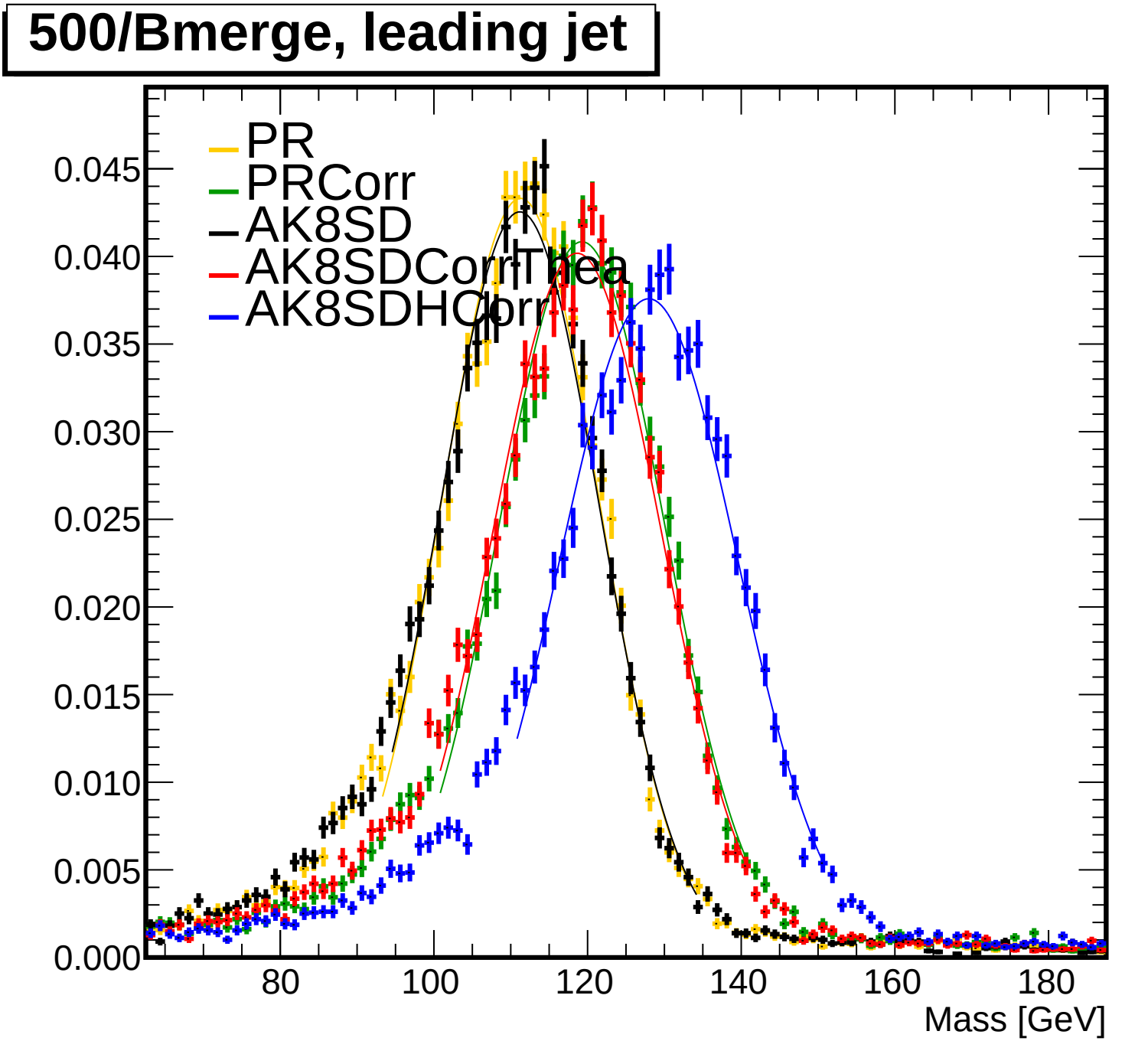
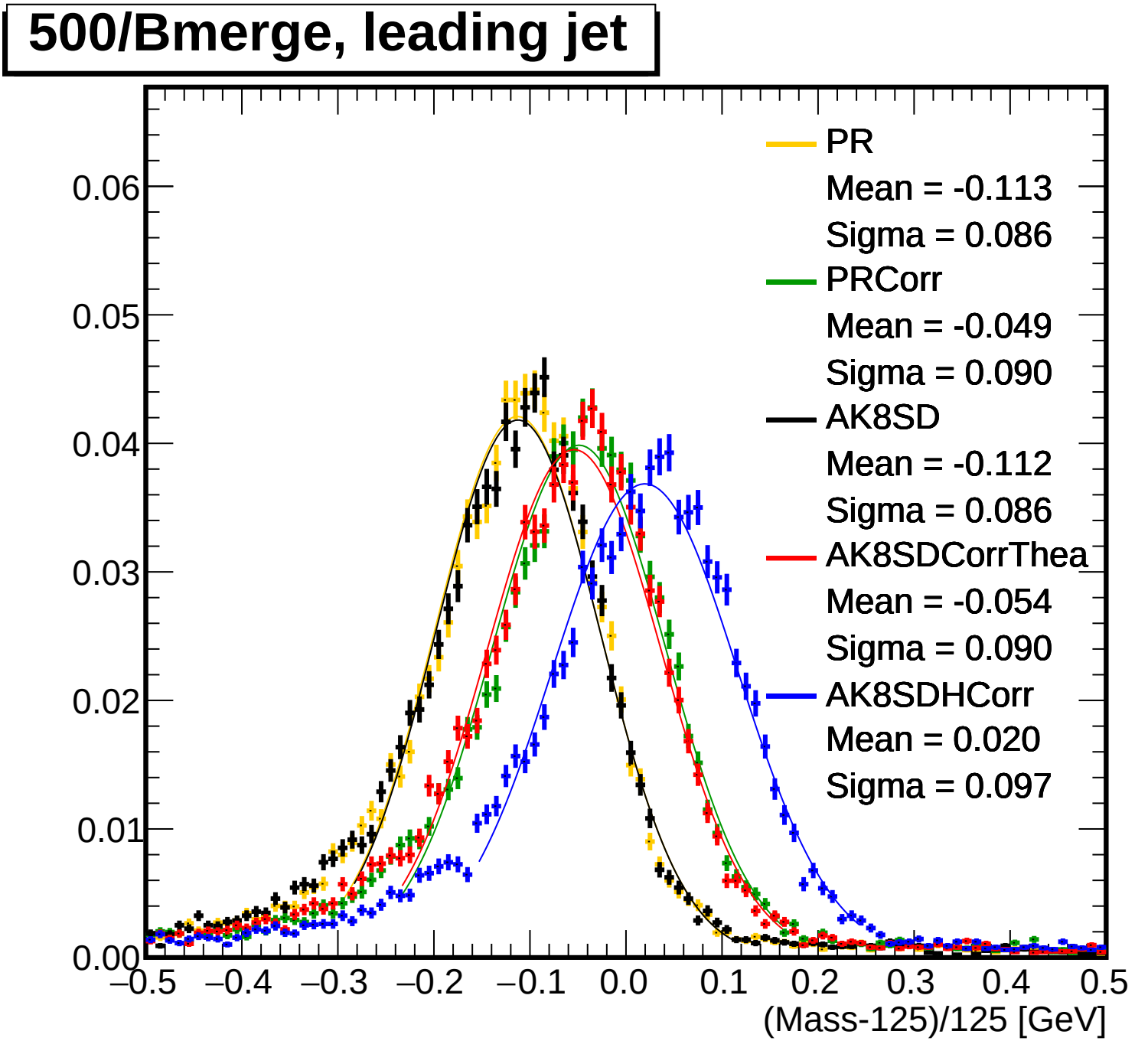
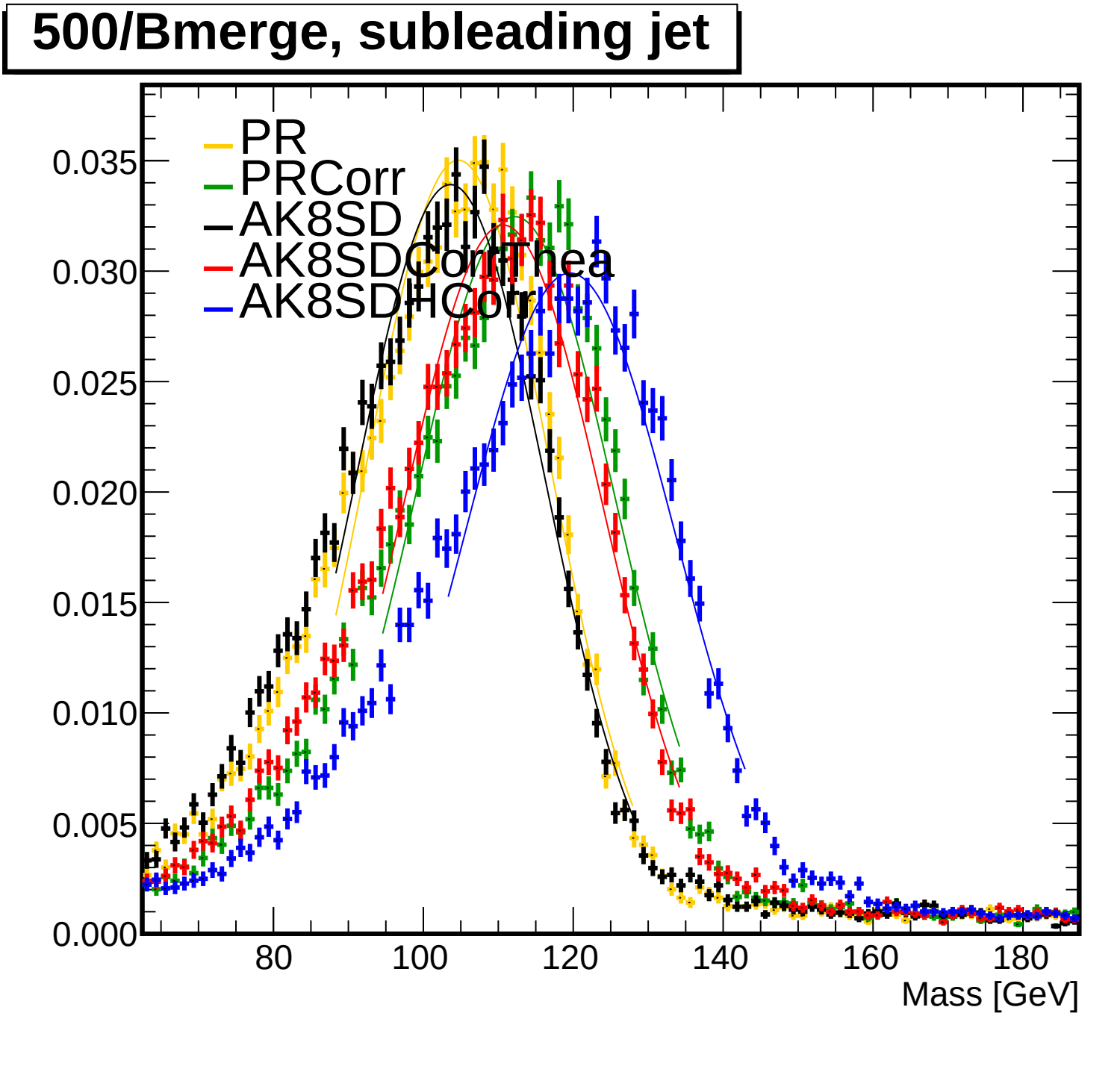
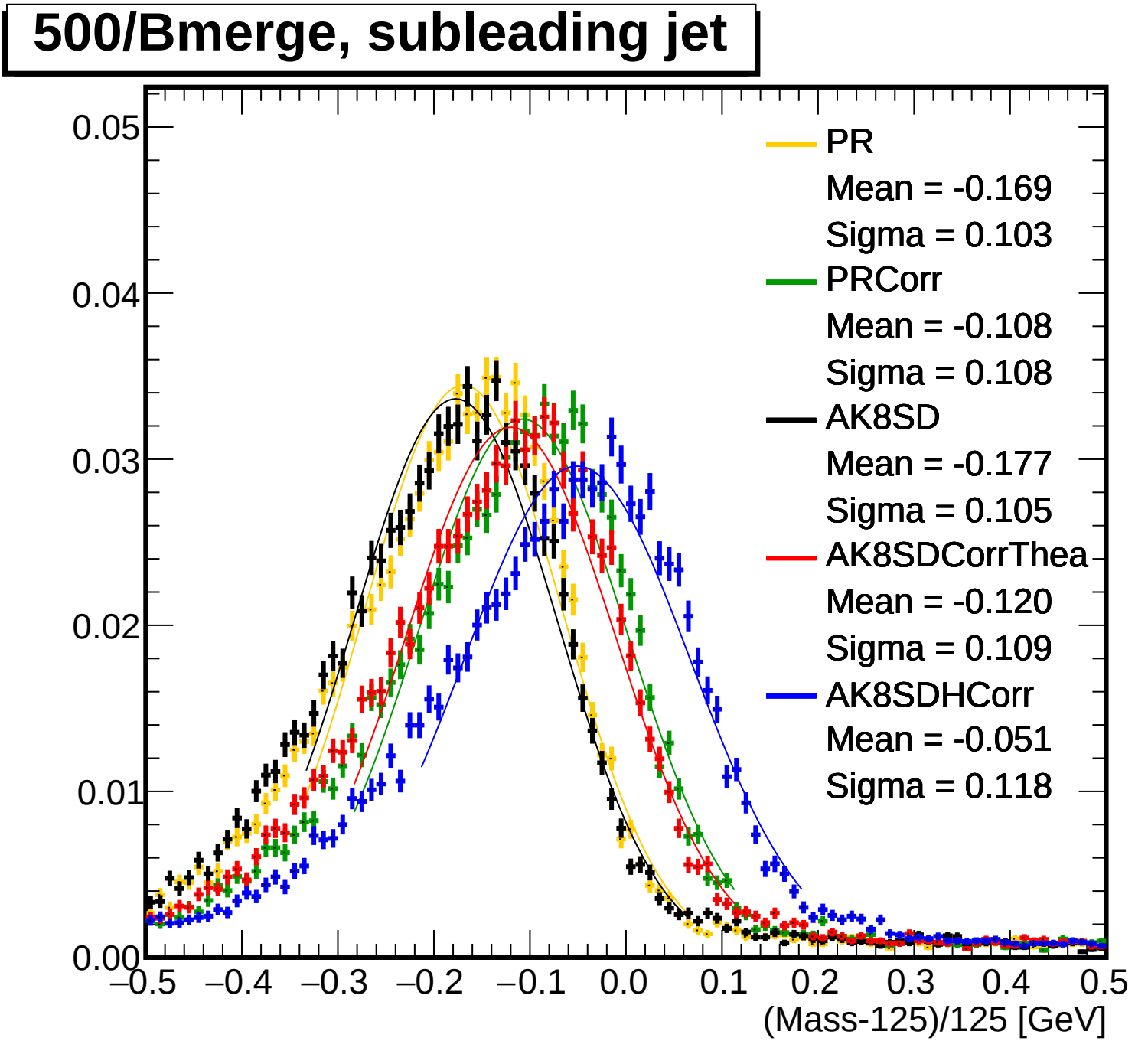
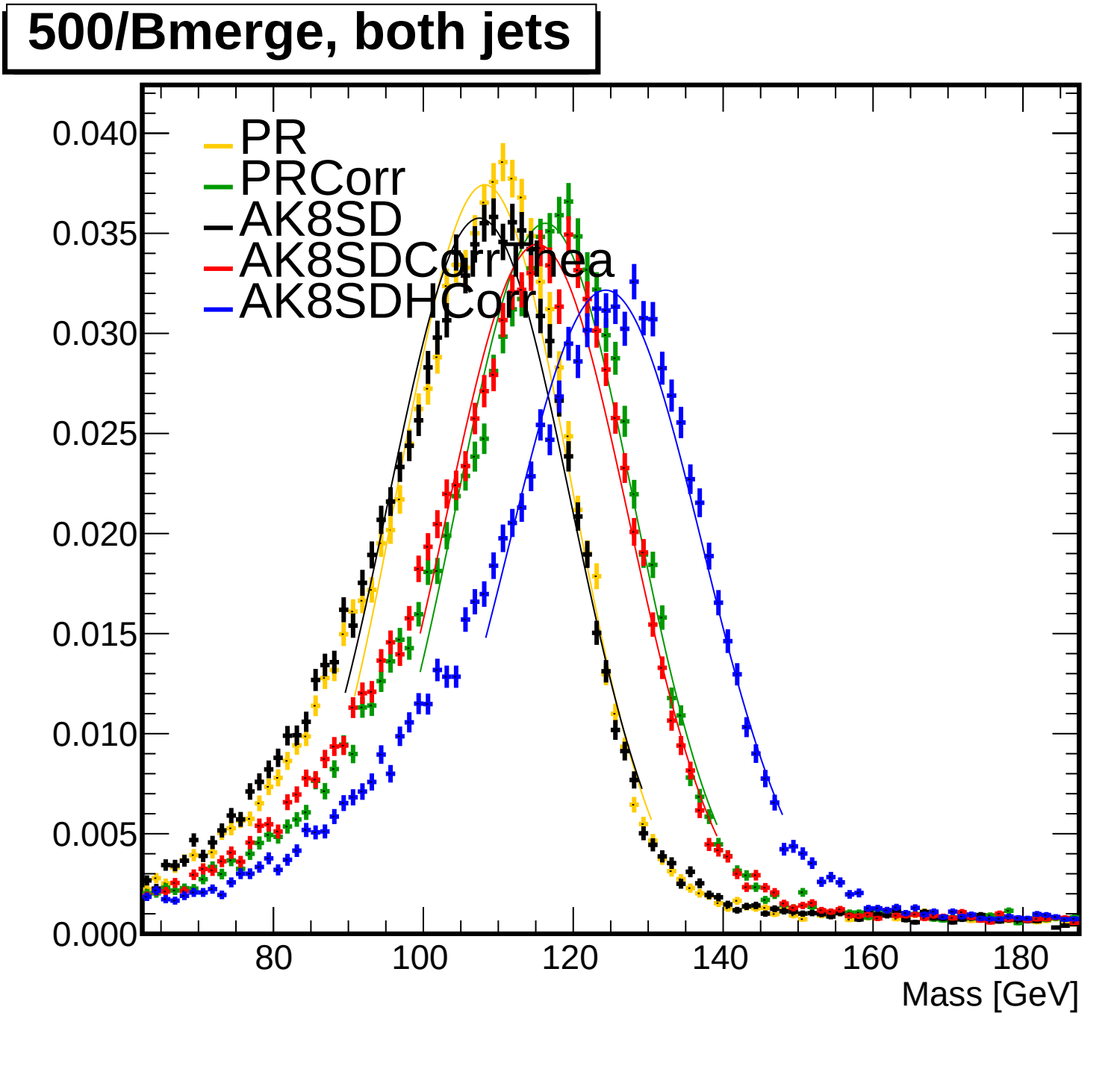
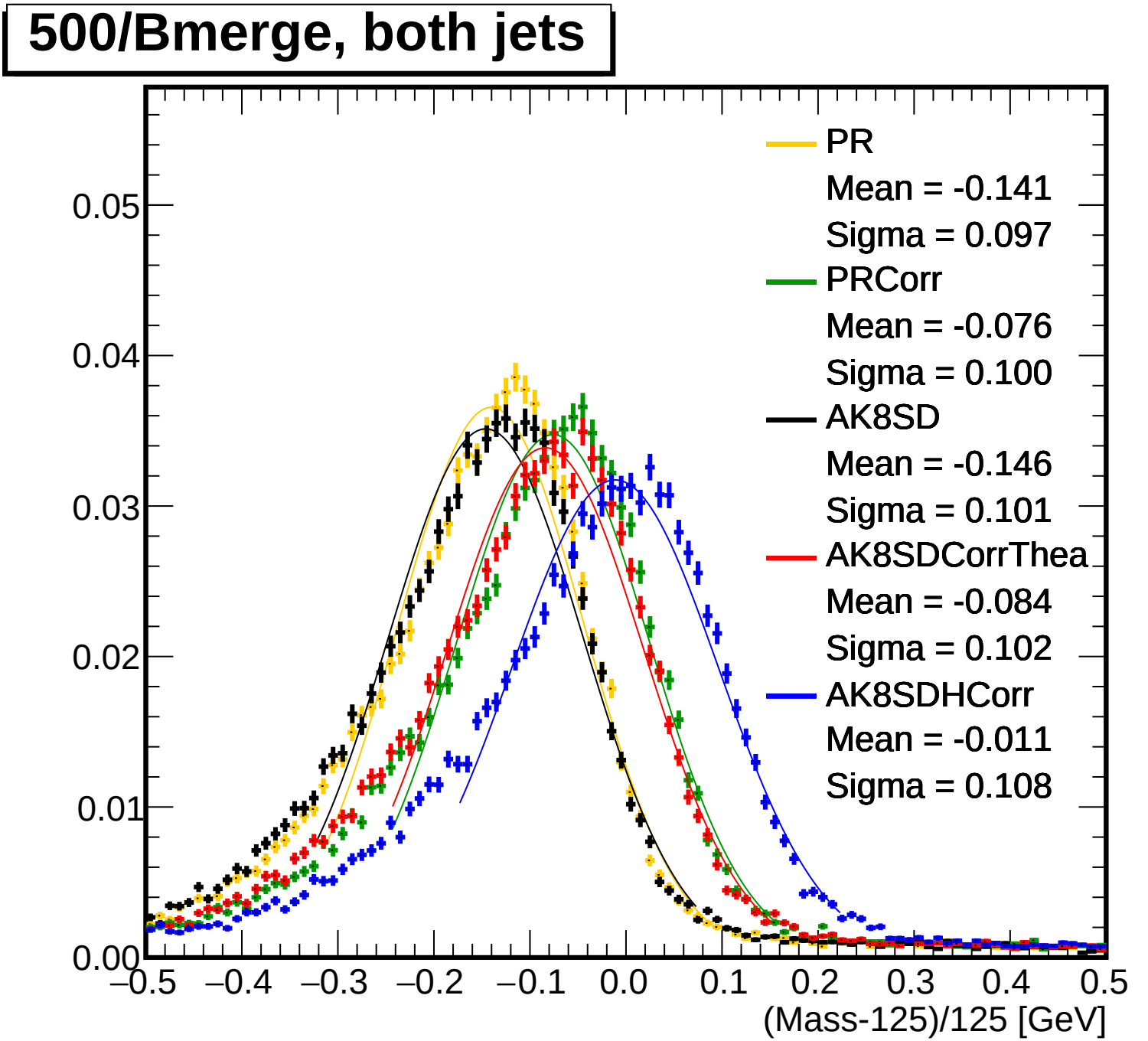

500/Bmerge, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]


500/Bmerge, leading jet
PR
Mean = -0.113
Sigma = 0.086
PRCorr
Mean = -0.049
Sigma = 0.090
AK8SD
Mean = -0.112
Sigma = 0.086
AK8SDCorrThea
Mean = -0.054
Sigma = 0.090
AK8SDHCorr
Mean = 0.020
Sigma = 0.097
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]


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


500/Bmerge, subleading jet
PR
Mean = -0.169
Sigma = 0.103
PRCorr
Mean = -0.108
Sigma = 0.108
AK8SD
Mean = -0.177
Sigma = 0.105
AK8SDCorrThea
Mean = -0.120
Sigma = 0.109
AK8SDHCorr
Mean = -0.051
Sigma = 0.118
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]


500/Bmerge, both jets
PR
PRCorr
AK8SD
AK8SDCorrTinea
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]


500/Bmerge, both jets
PR
Mean = -0.141
Sigma = 0.097
PRCorr
Mean = -0.076
Sigma = 0.100
AK8SD
Mean = -0.146
Sigma = 0.101
AK8SDCorrThea
Mean = -0.084
Sigma = 0.102
AK8SDHCorr
Mean = -0.011
Sigma = 0.108
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]