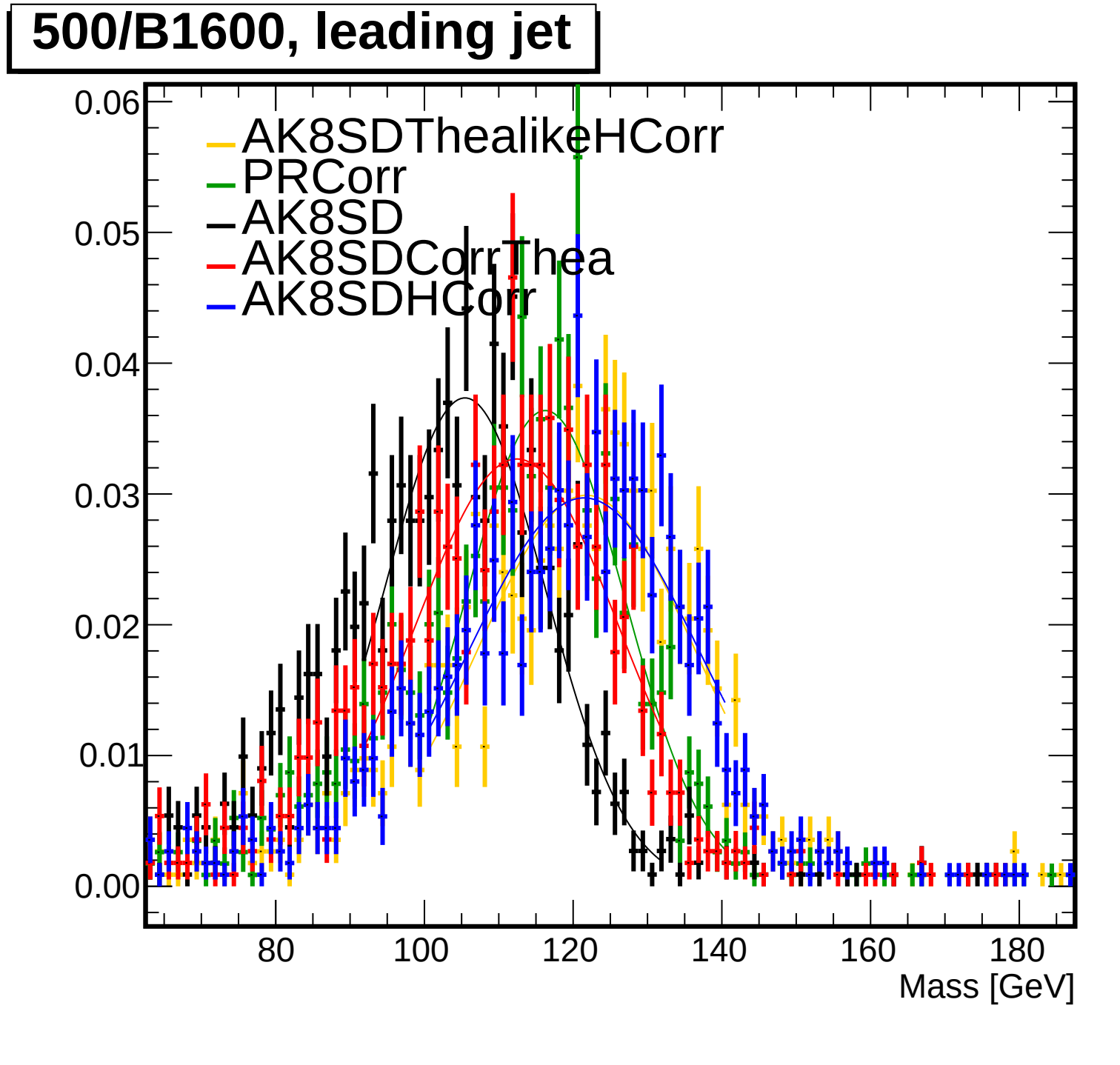
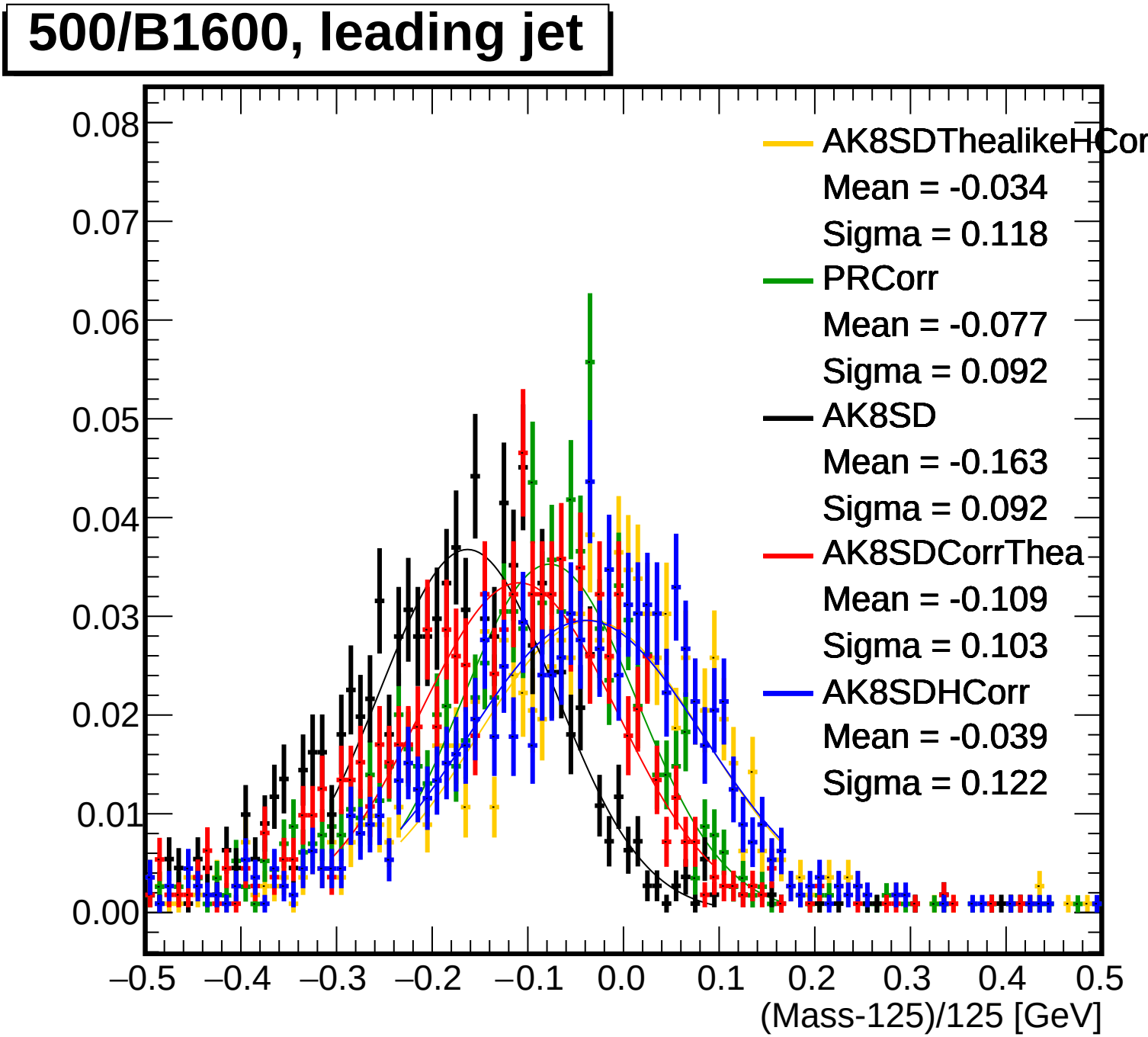
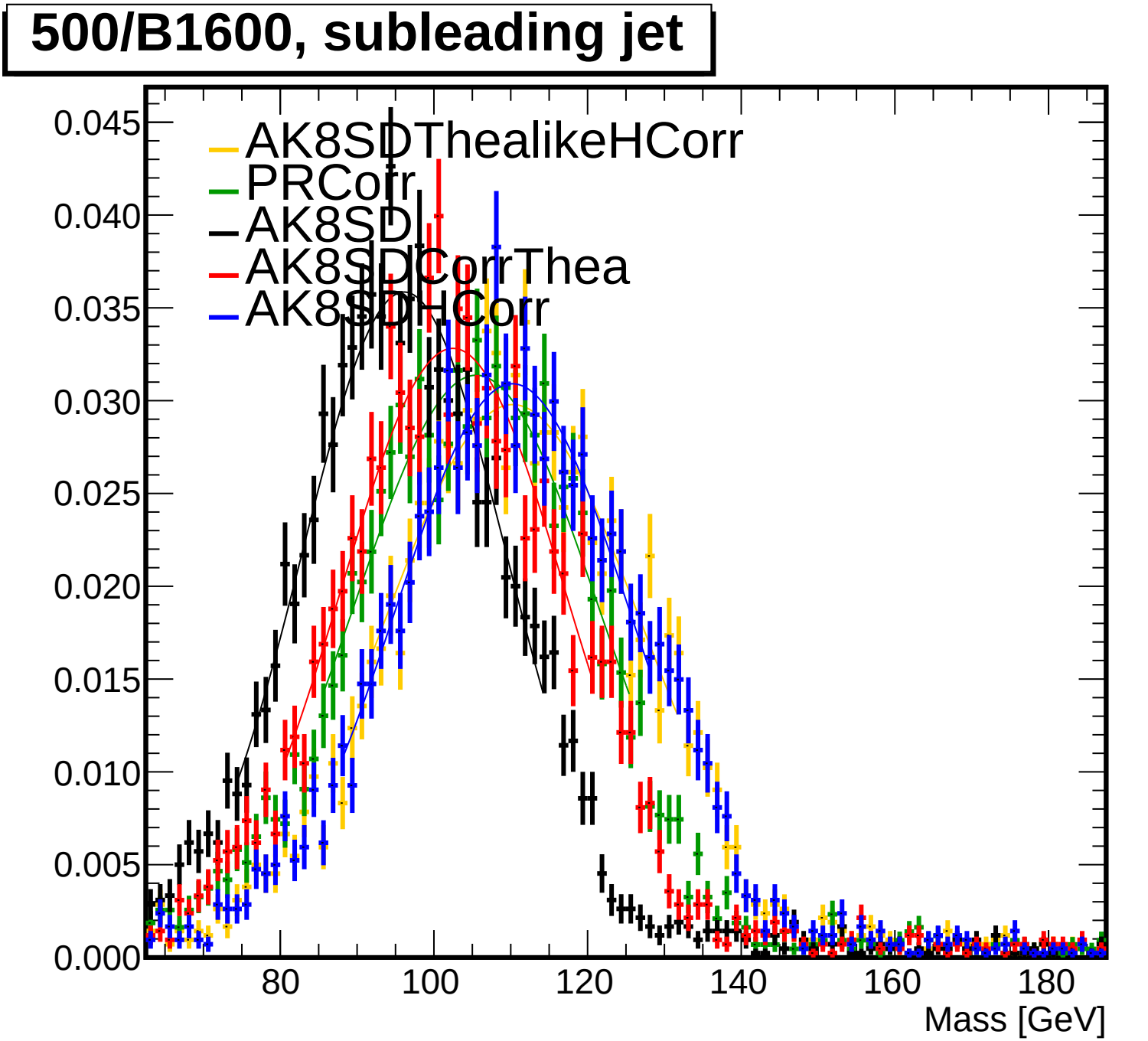
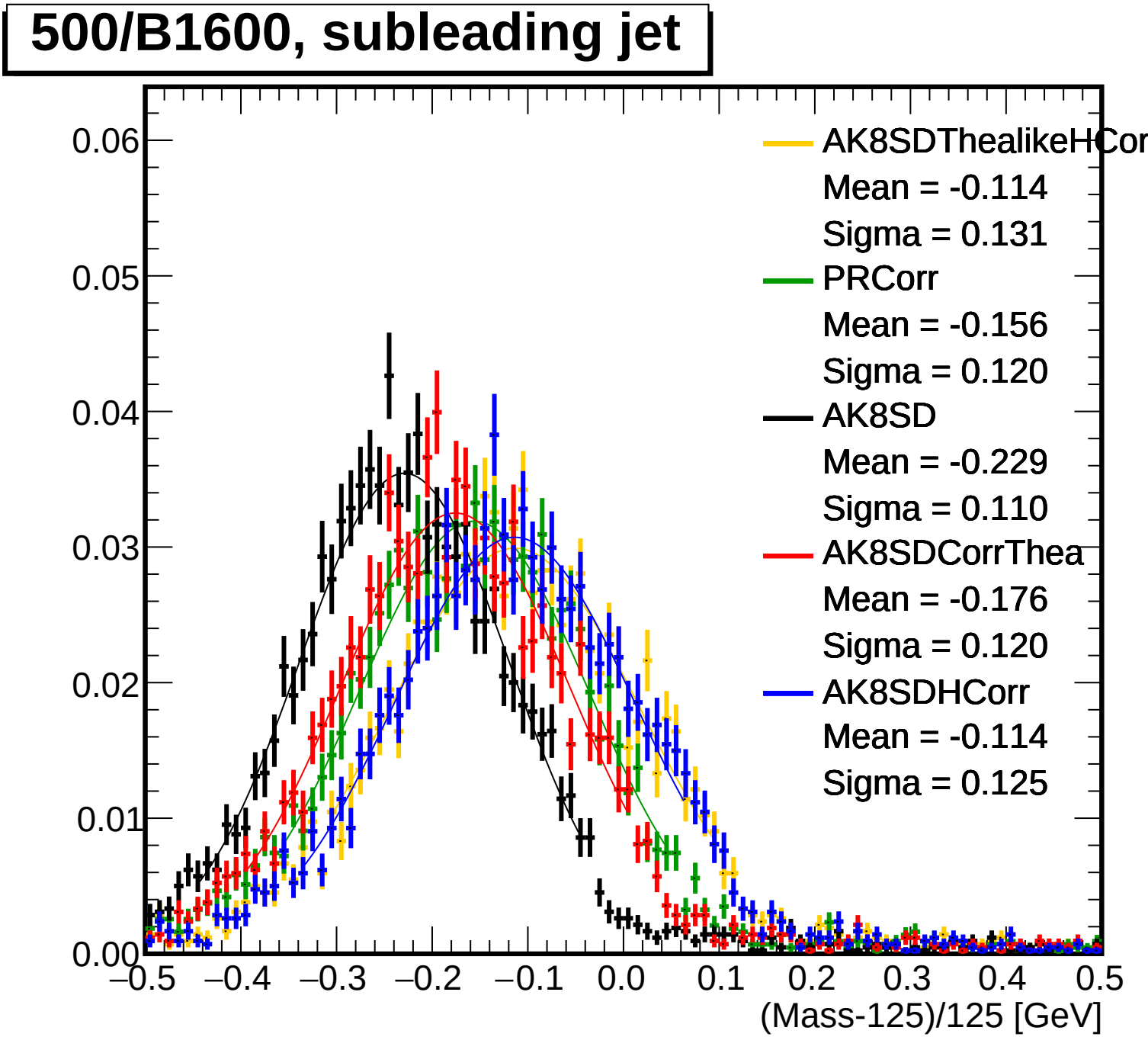
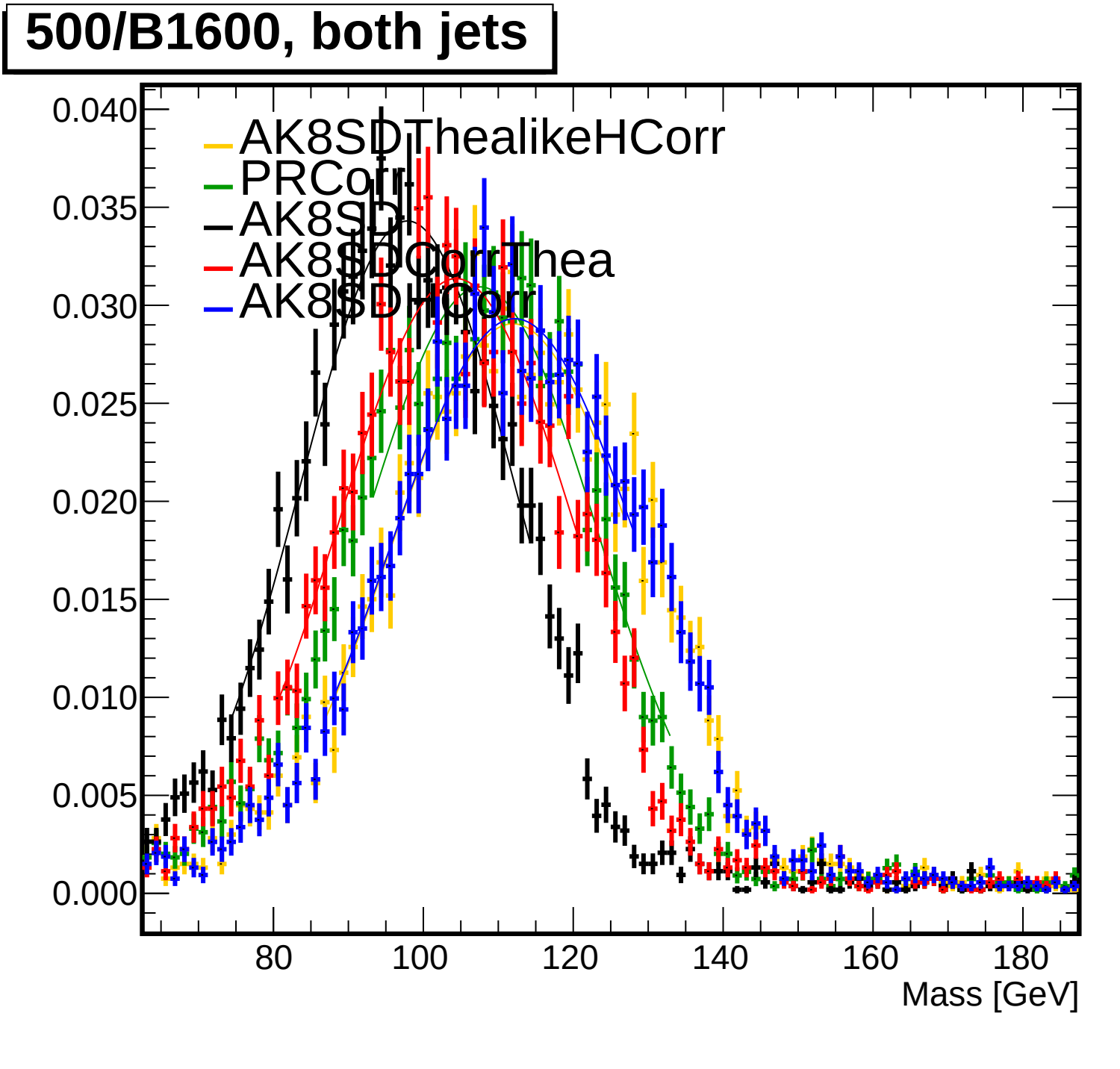
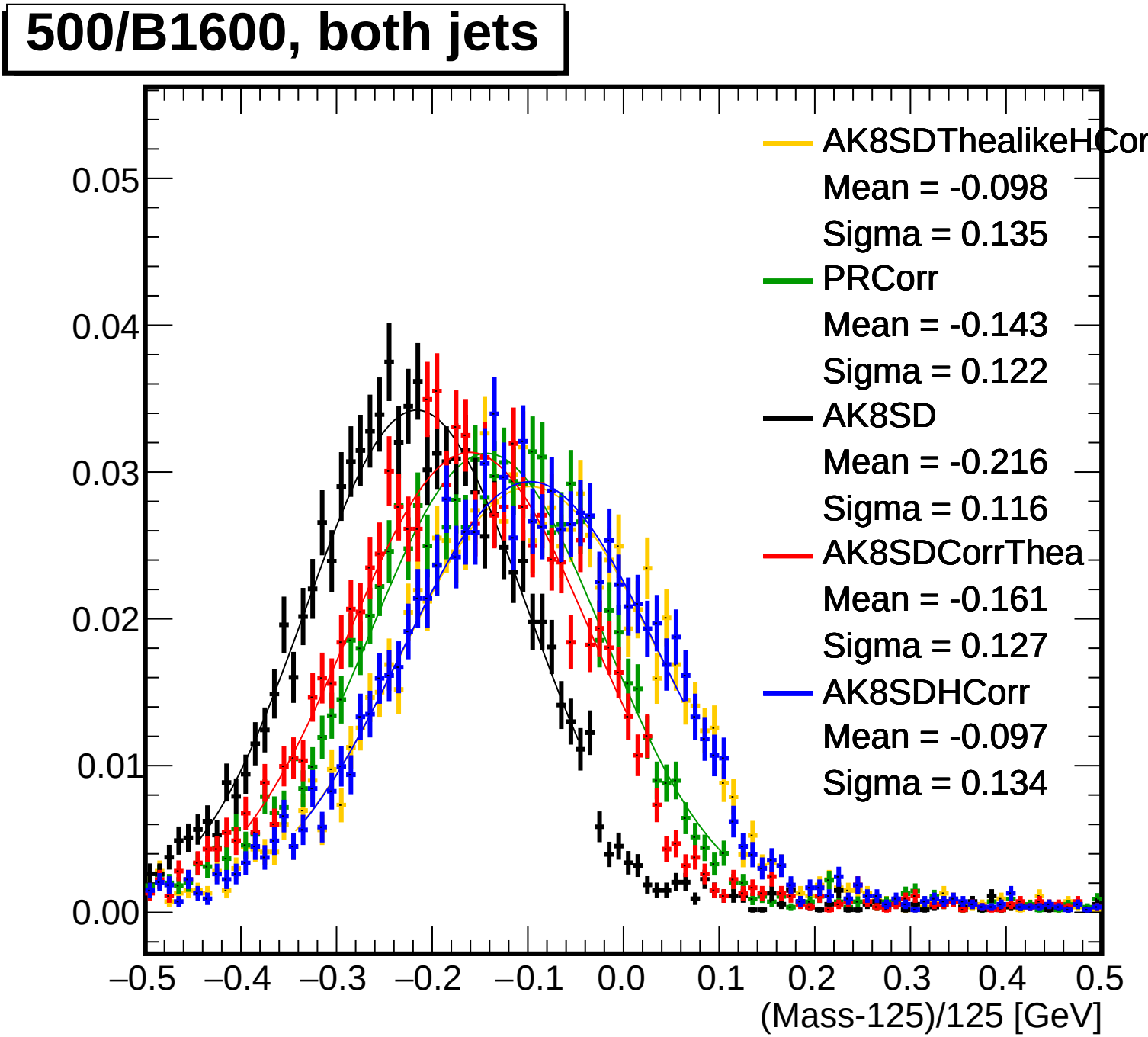

500/B1600, leading jet
AK8SDThealikeHCorr
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1600, leading jet
AK8SDThealikeHCor
Mean = -0.034
Sigma = 0.118
PRCorr
Mean = -0.077
Sigma = 0.092
AK8SD
Mean = -0.163
Sigma = 0.092
AK8SDCorrThea
Mean = -0.109
Sigma = 0.103
AK8SDHCorr
Mean = -0.039
Sigma = 0.122
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]


500/B1600, subleading jet
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]


500/B1600, subleading jet
AK8SDThealikeHCor
Mean = -0.114
Sigma = 0.131
PRCorr
Mean = -0.156
Sigma = 0.120
AK8SD
Mean = -0.229
Sigma = 0.110
AK8SDCorrThea
Mean = -0.176
Sigma = 0.120
AK8SDHCorr
Mean = -0.114
Sigma = 0.125
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/B1600, both jets
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]


500/B1600, both jets
AK8SDThealikeHCor
Mean = -0.098
Sigma = 0.135
PRCorr
Mean = -0.143
Sigma = 0.122
AK8SD
Mean = -0.216
Sigma = 0.116
AK8SDCorrThea
Mean = -0.161
Sigma = 0.127
AK8SDHCorr
Mean = -0.097
Sigma = 0.134
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]