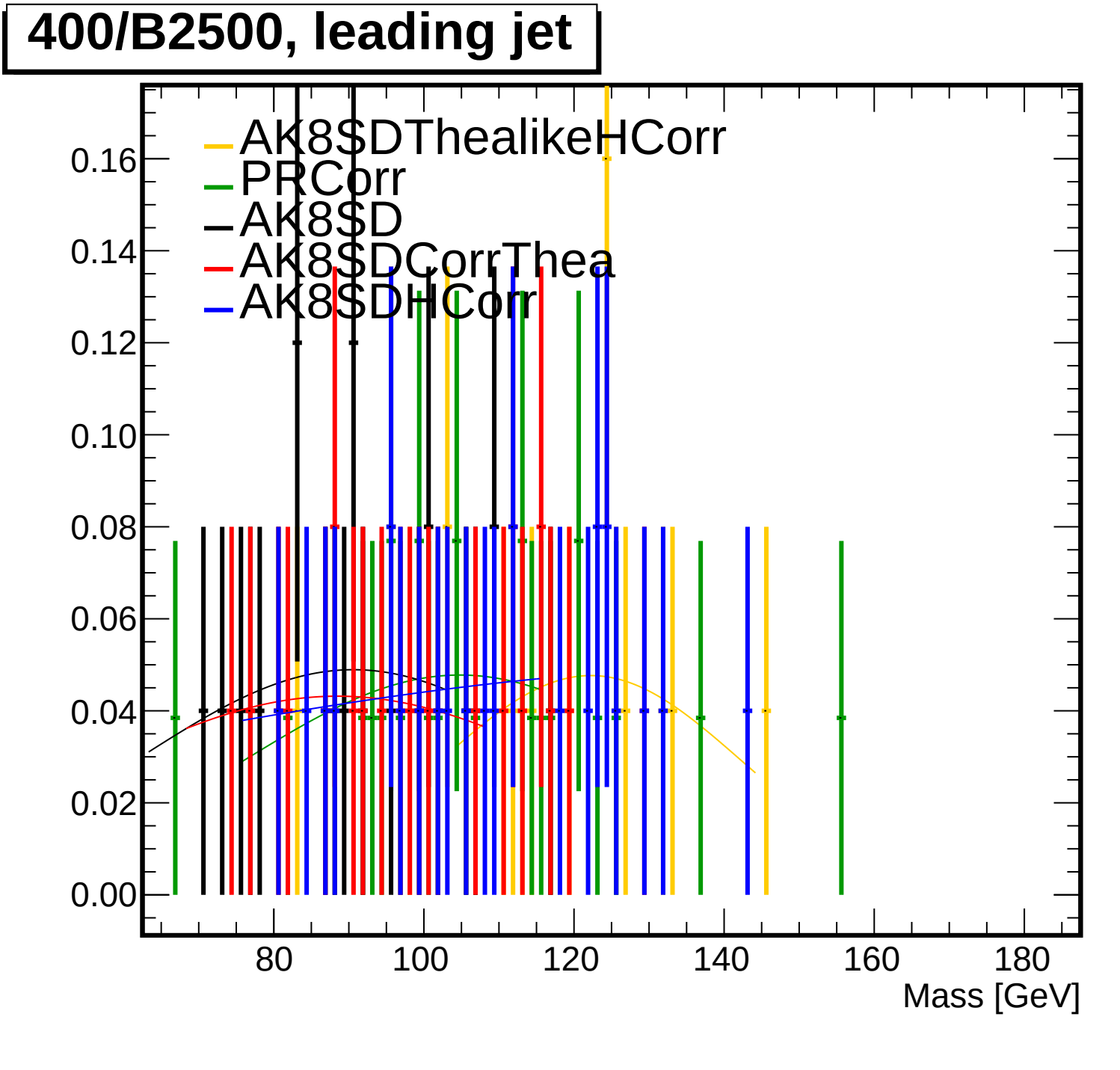
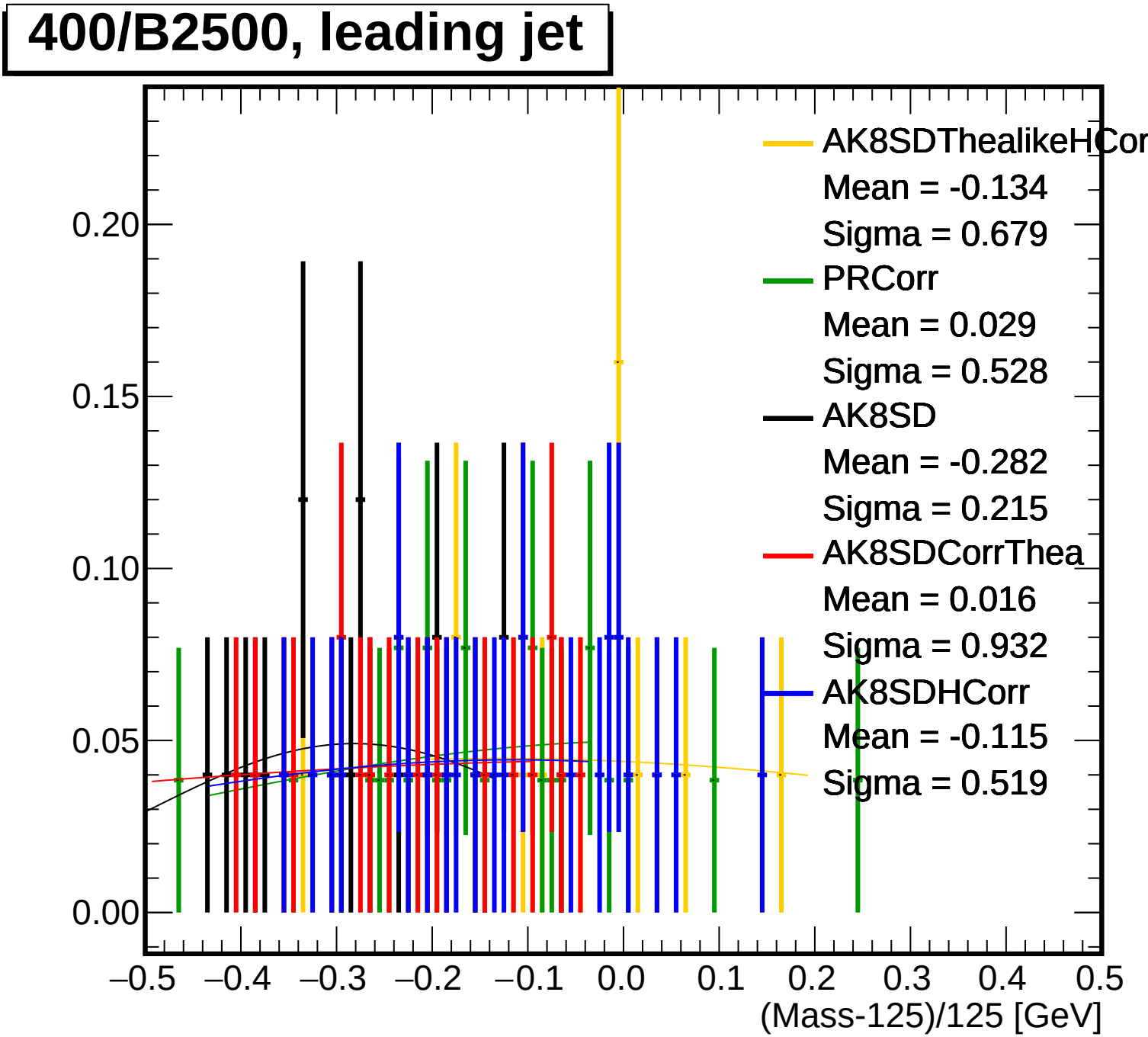
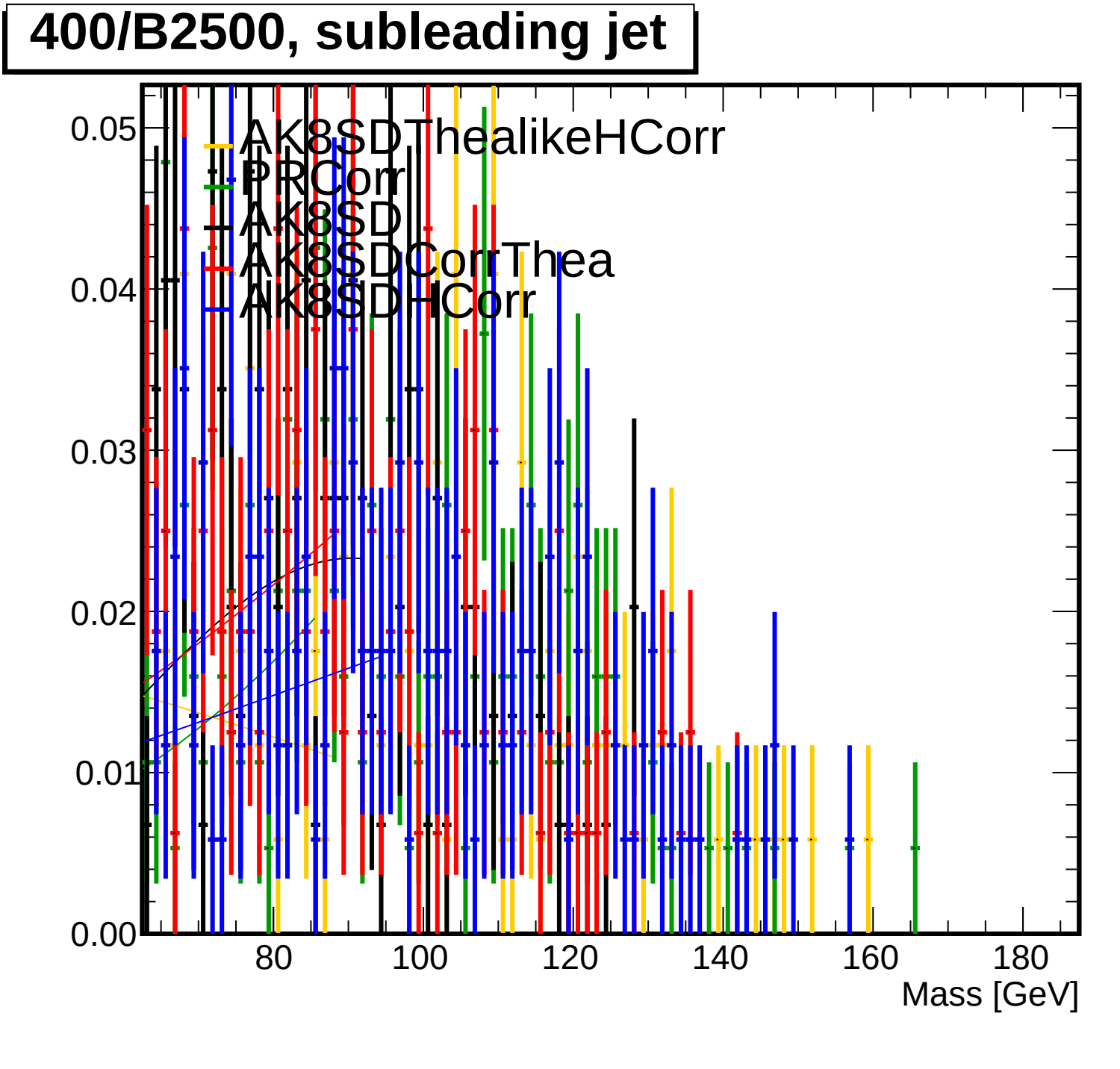
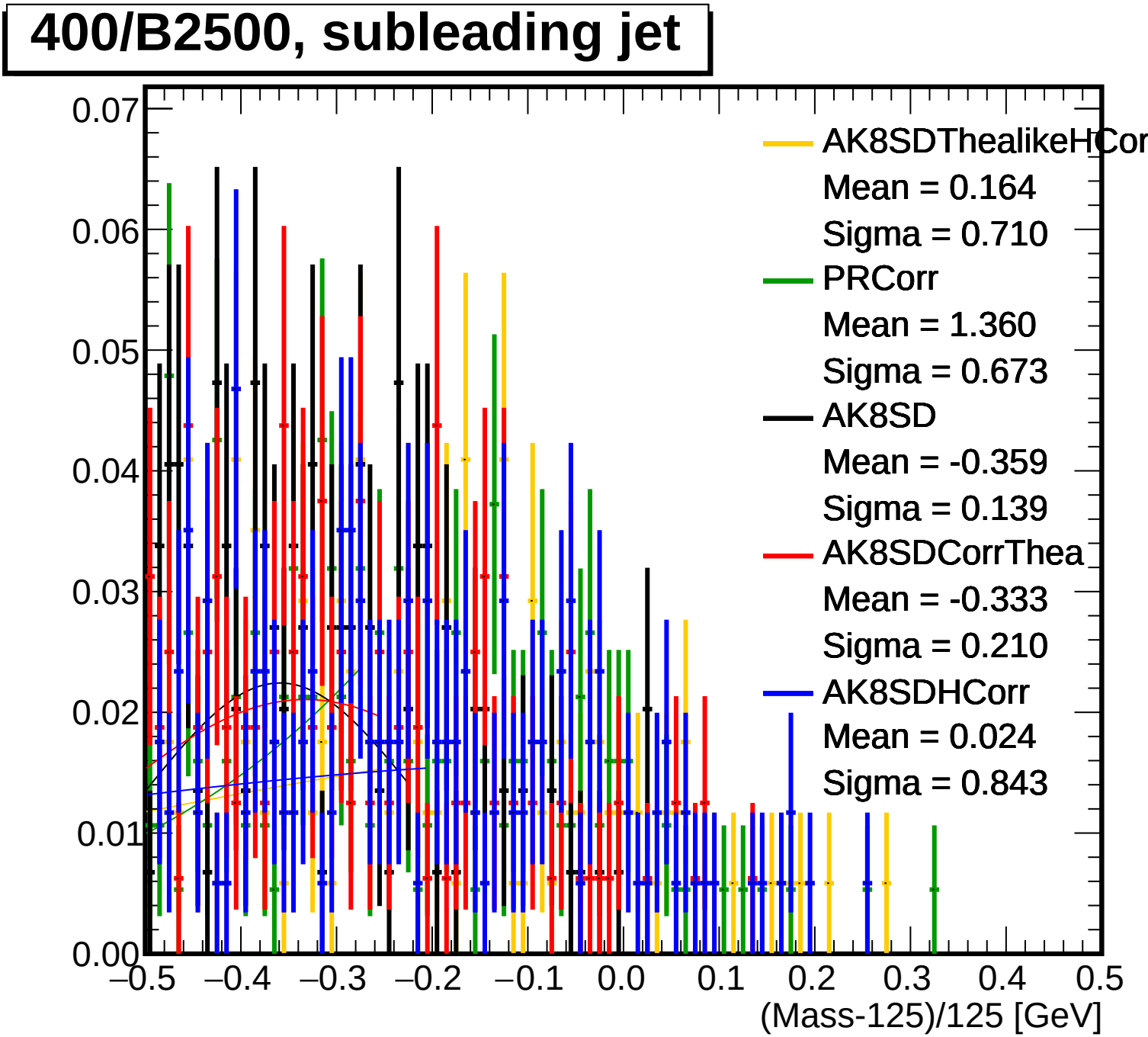
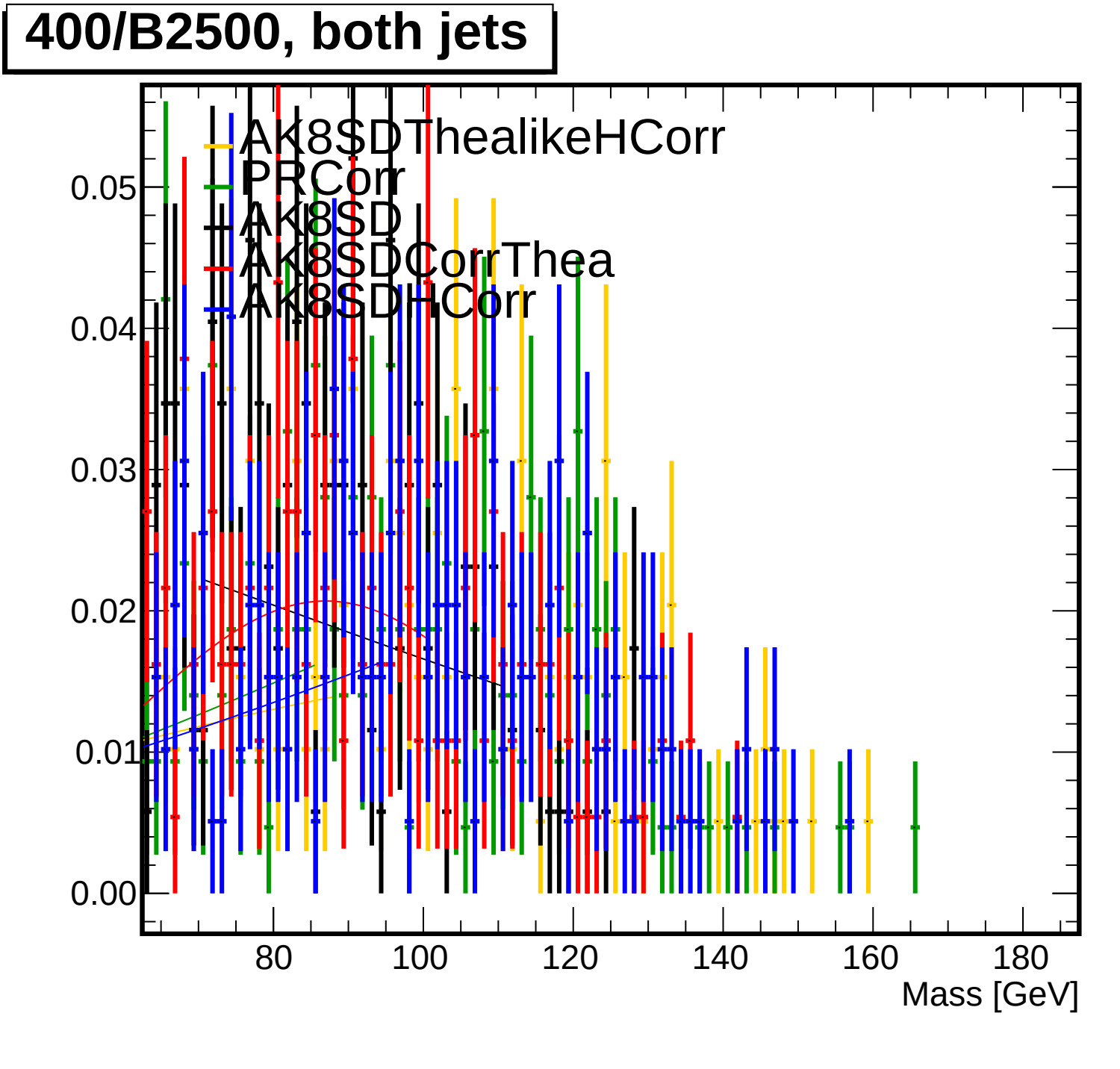
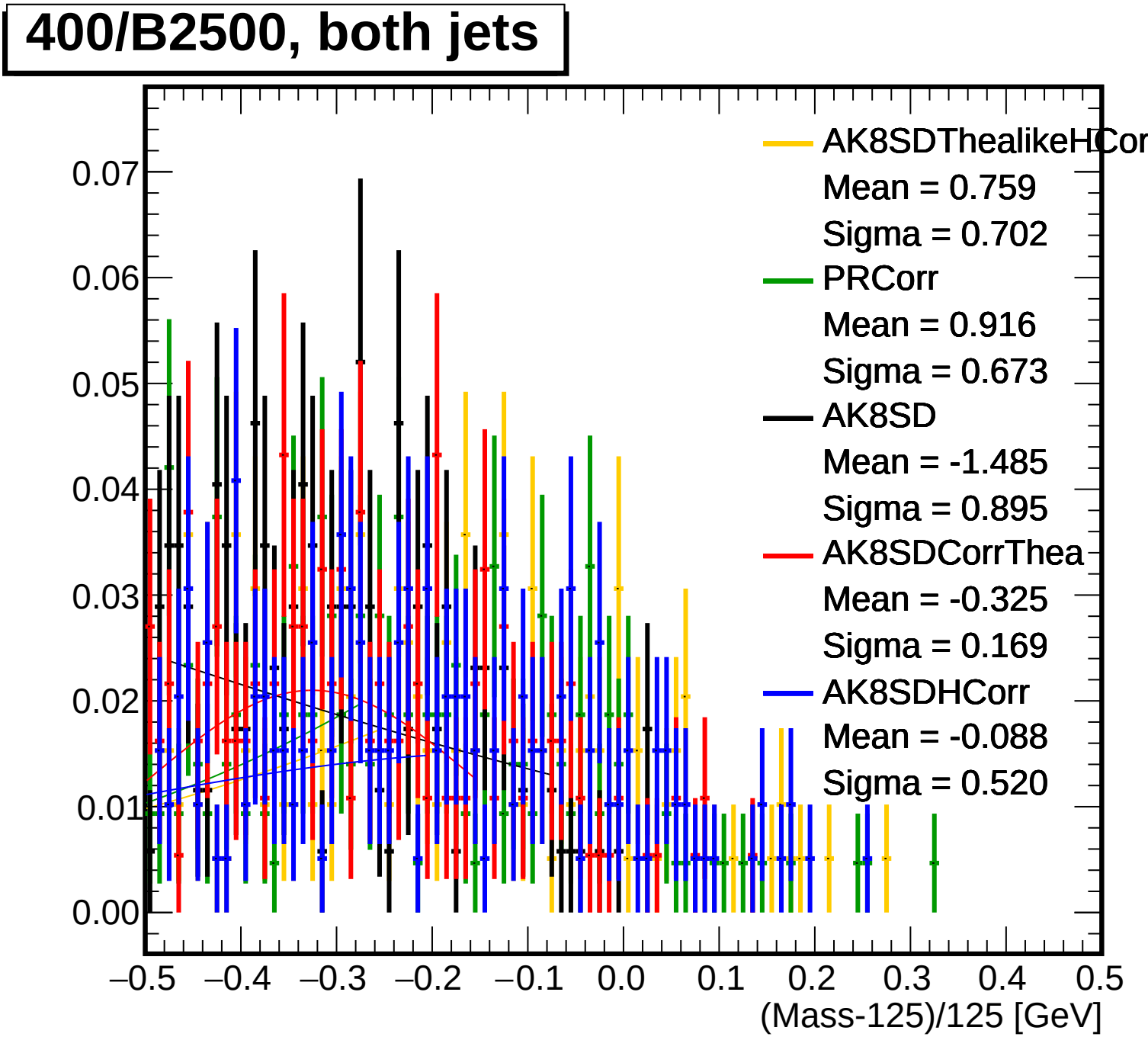

400/B2500, leading jet
AK8SDThealikeHCorr
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


400/B2500, leading jet
AK8SDThealikeHCor
Mean = -0.134
Sigma = 0.679
PRCorr
Mean = 0.029
Sigma = 0.528
AK8SD
Mean = -0.282
Sigma = 0.215
AK8SDCorrThea
Mean = 0.016
Sigma = 0.932
AK8SDHCorr
Mean = -0.115
Sigma = 0.519
0.20
0.15
0.10
0.05
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]


400/B2500, subleading 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]


400/B2500, subleading jet
AK8SDThealikeHCor
Mean = 0.164
Sigma = 0.710
PRCorr
Mean = 1.360
Sigma = 0.673
AK8SD
Mean = -0.359
Sigma = 0.139
AK8SDCorrThea
Mean = -0.333
Sigma = 0.210
AK8SDHCorr
Mean = 0.024
Sigma = 0.843
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]


400/B2500, both jets
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]


400/B2500, both jets
AK8SDThealikeHCor
Mean = 0.759
Sigma = 0.702
PRCorr
Mean = 0.916
Sigma = 0.673
AK8SD
Mean = -1.485
Sigma = 0.895
AK8SDCorrThea
Mean = -0.325
Sigma = 0.169
AK8SDHCorr
Mean = -0.088
Sigma = 0.520
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]