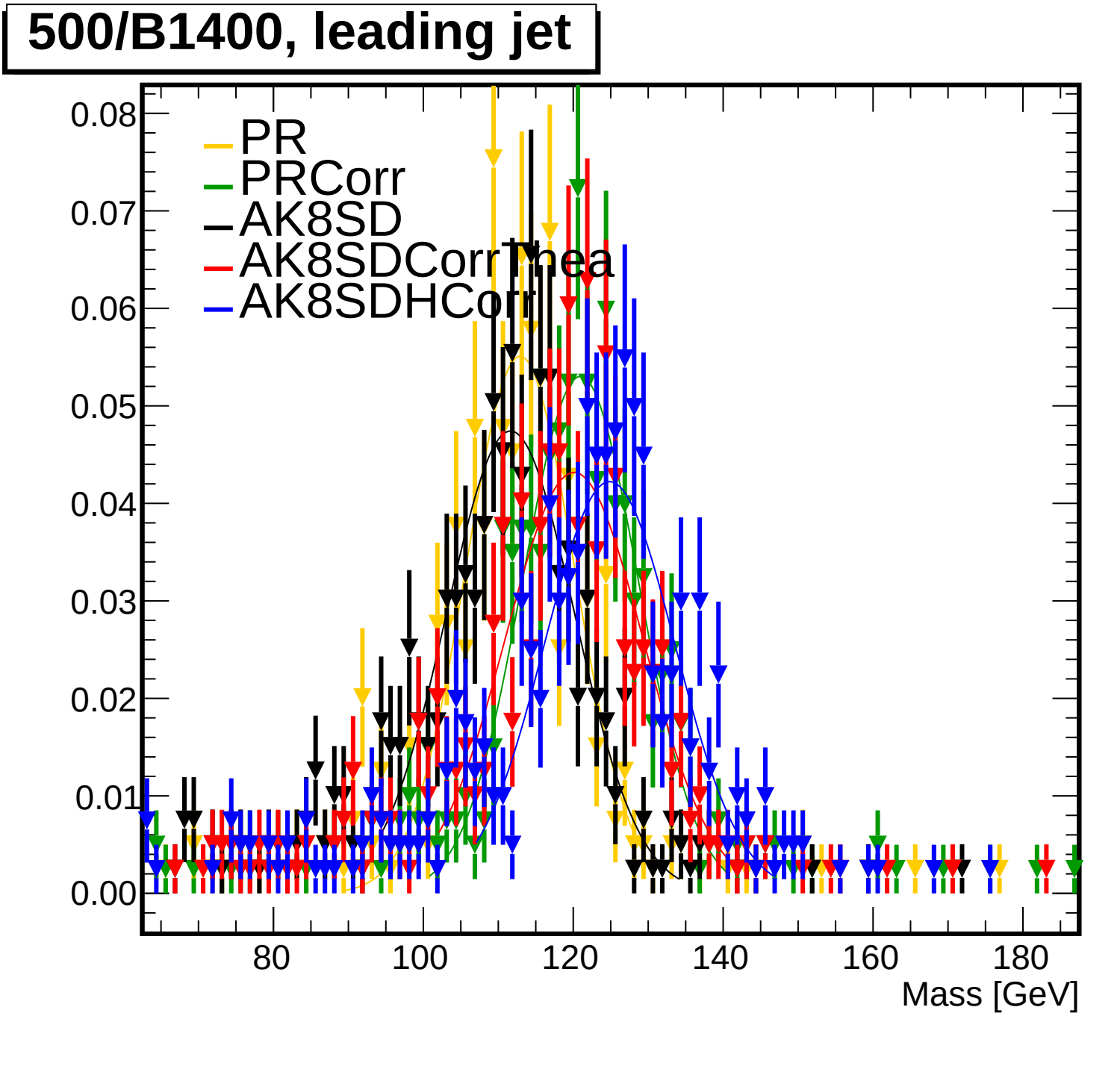
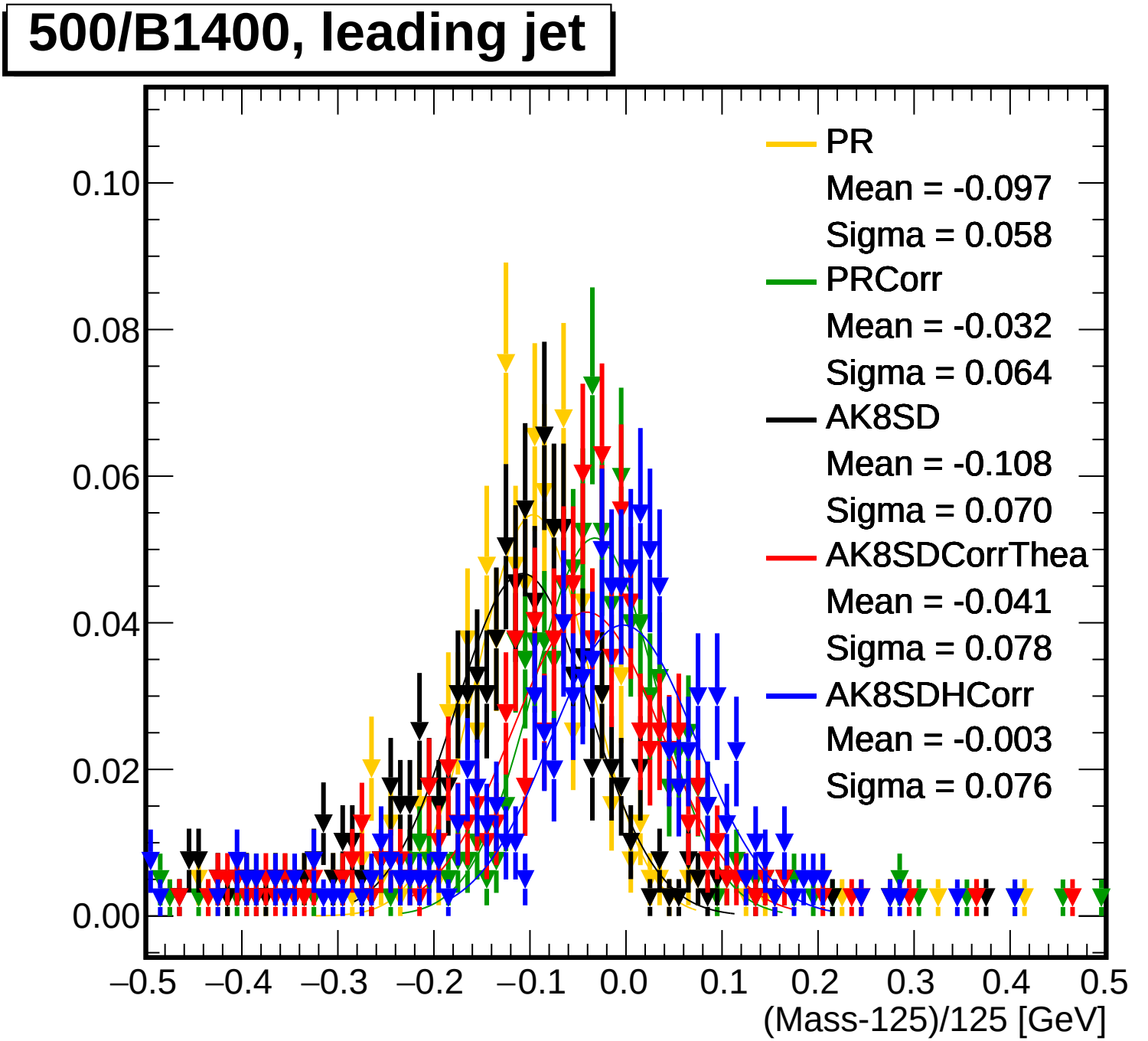
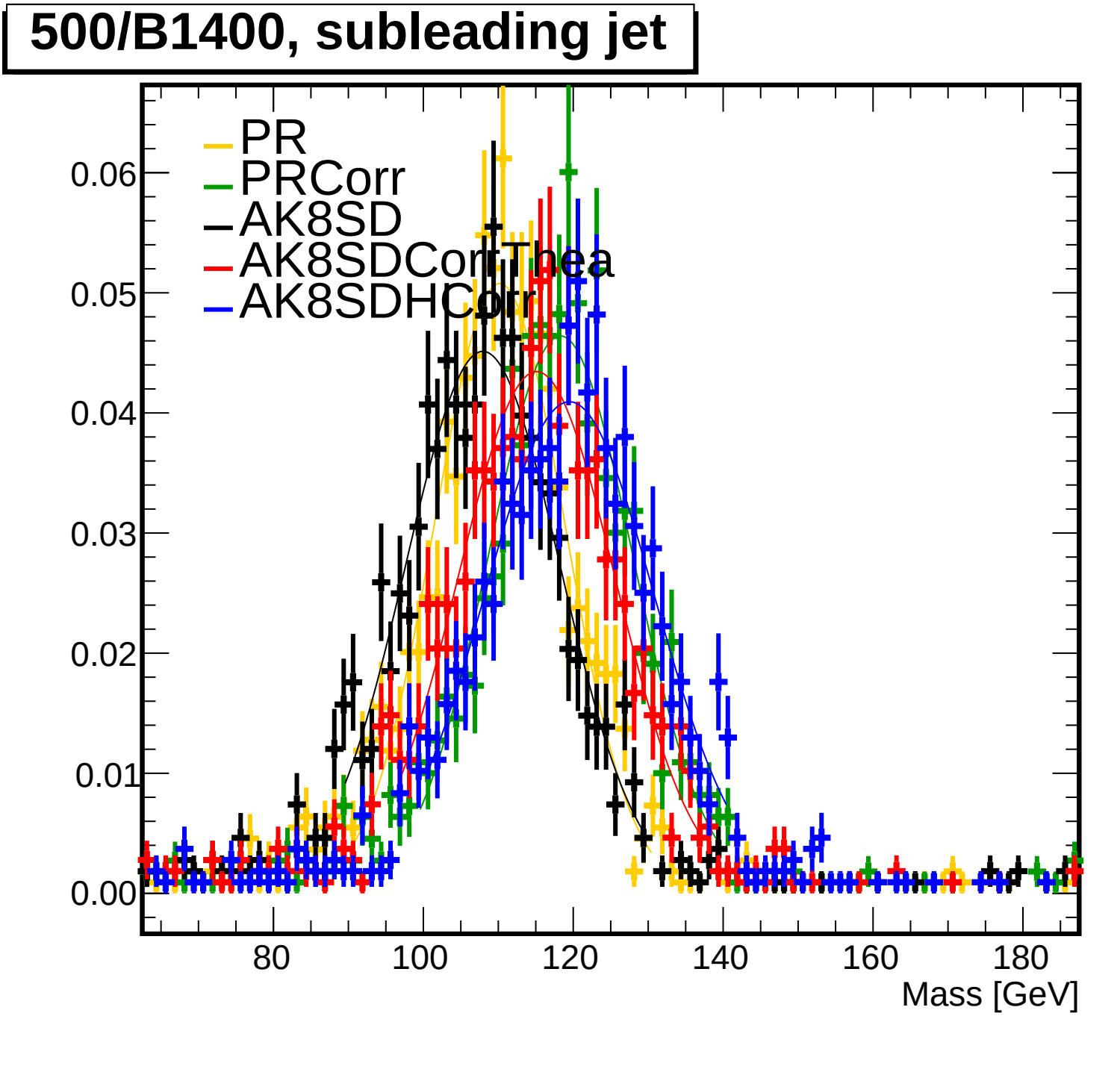
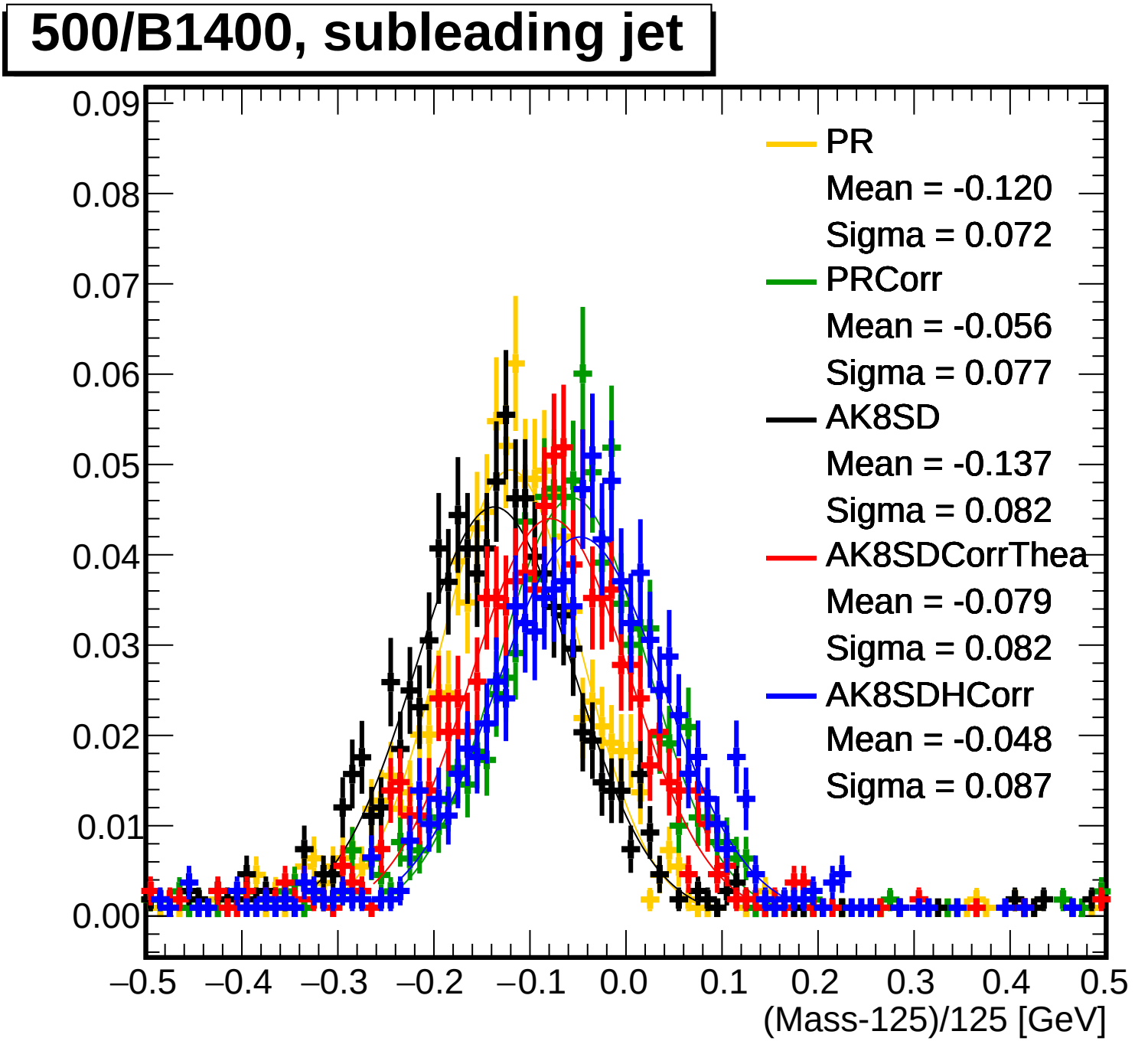
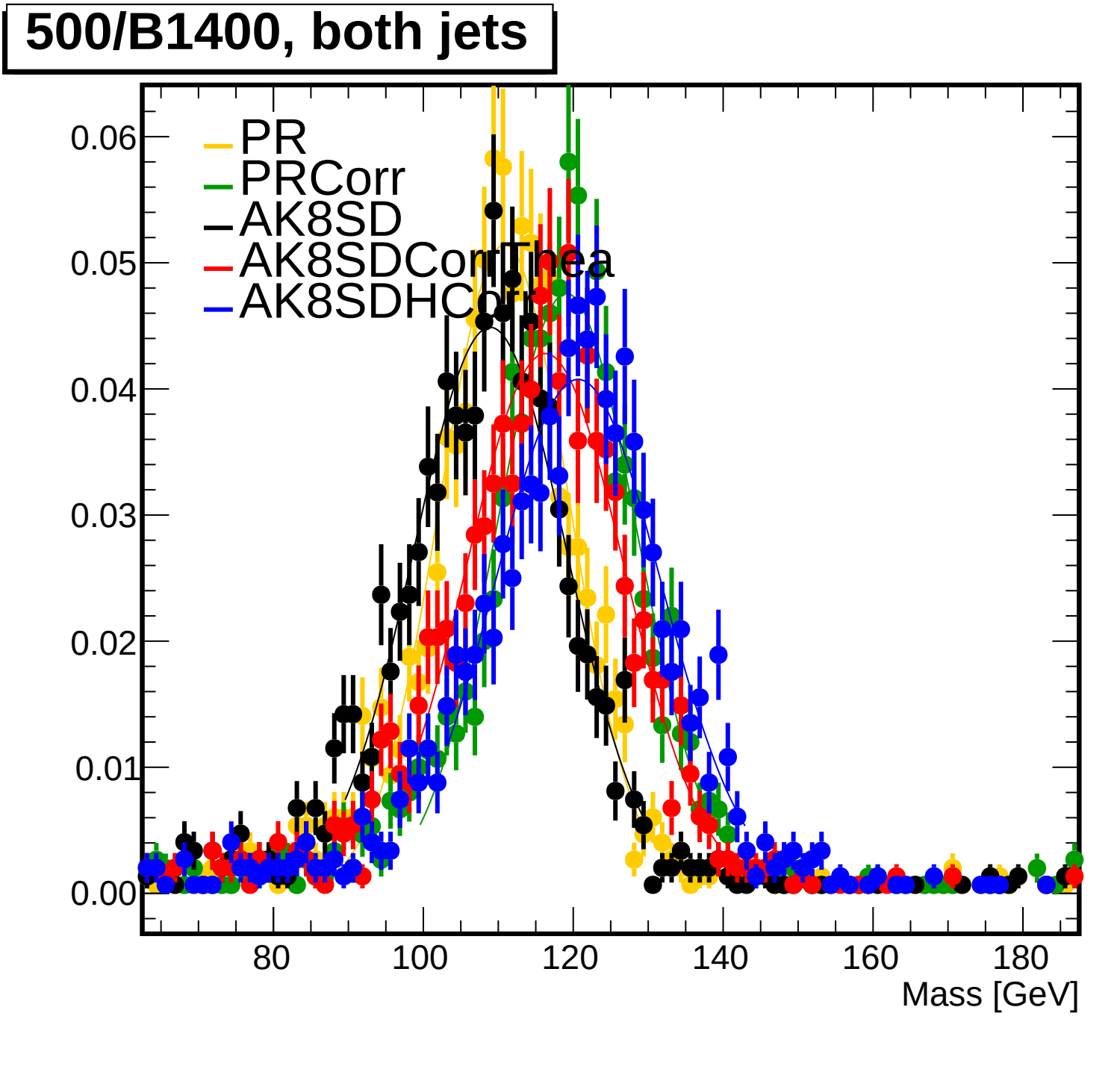
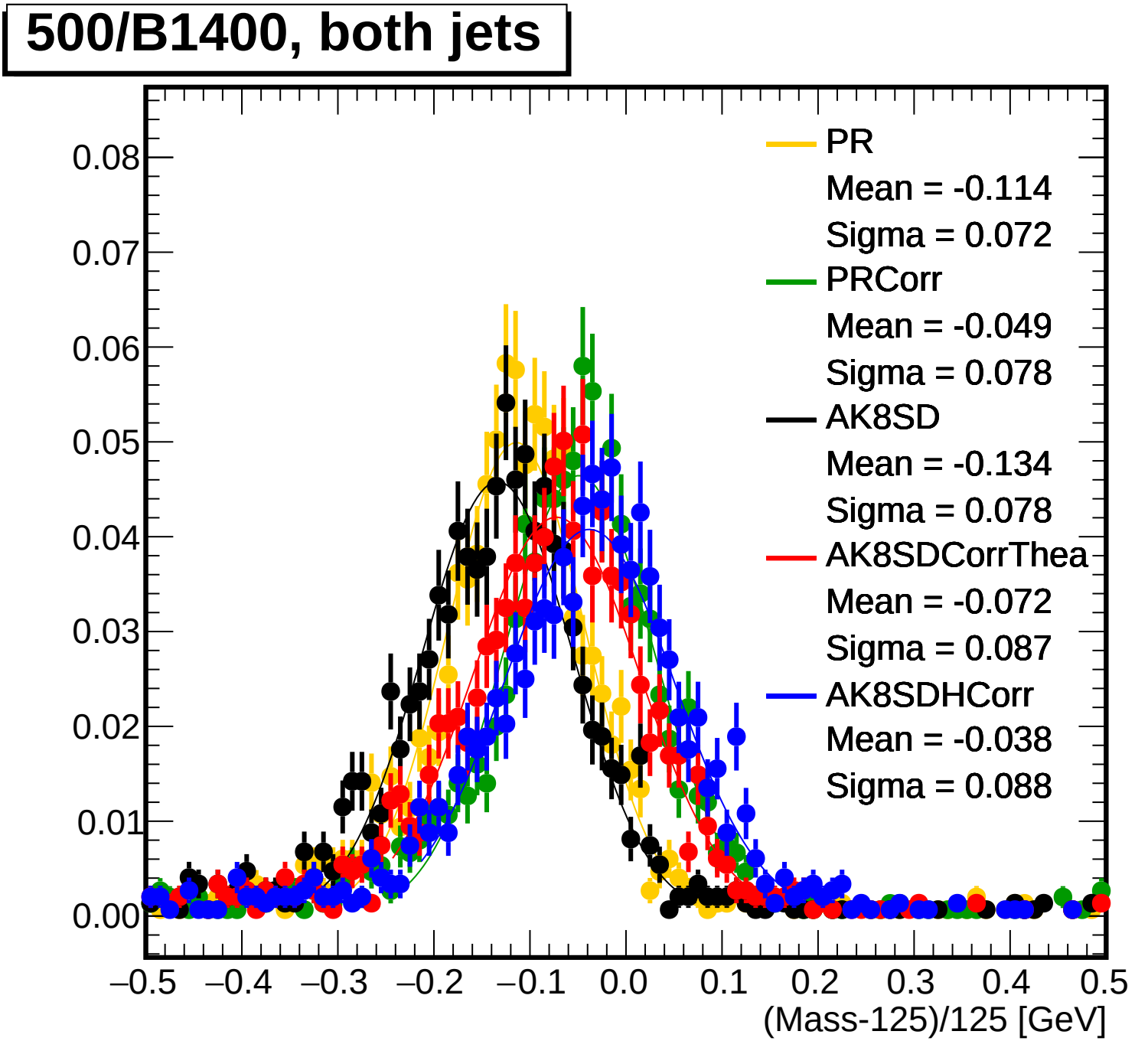

500/B1400, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

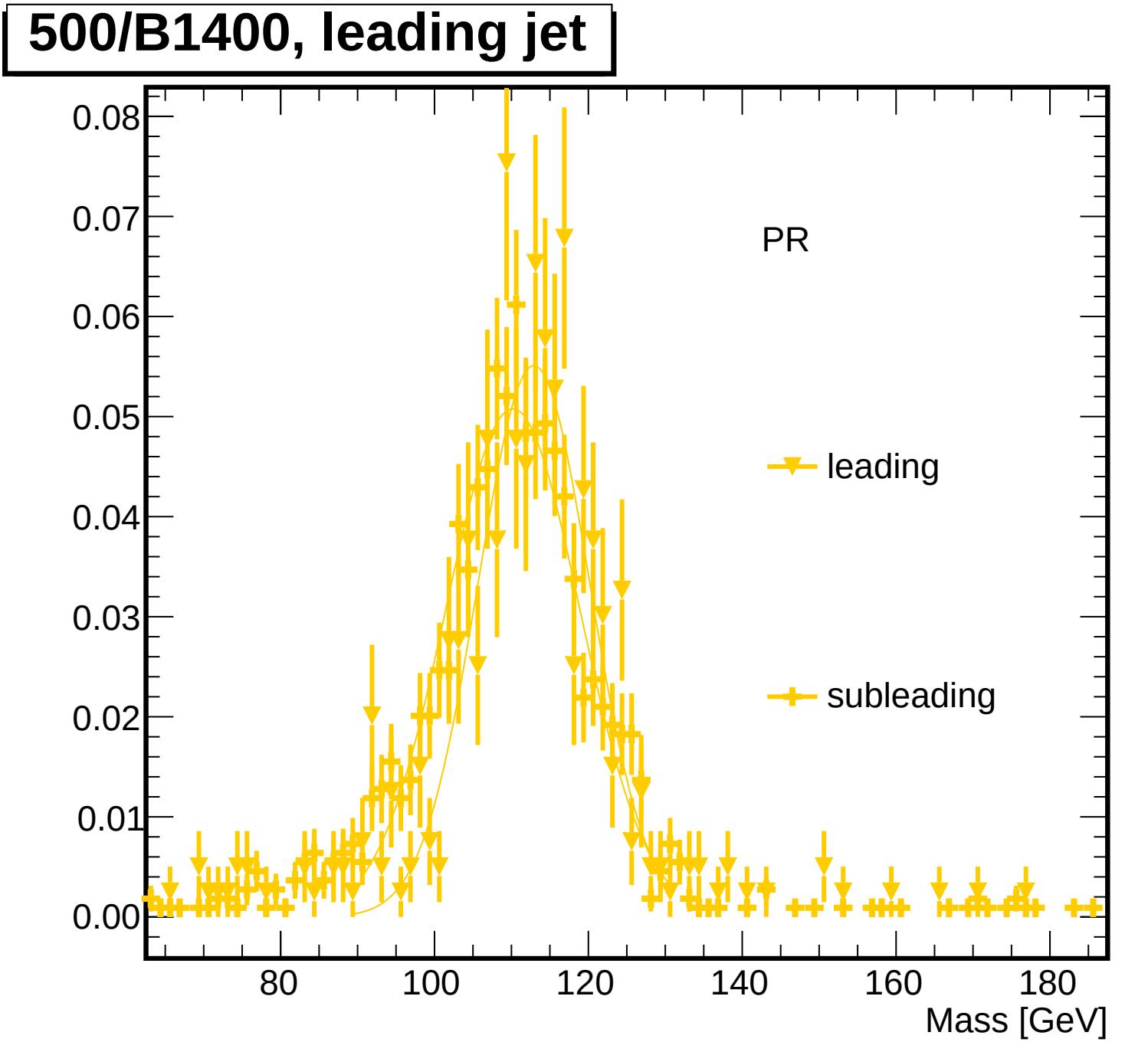

500/B1400, leading jet
PR
Mean = -0.097
Sigma = 0.058
PRCorr
Mean = -0.032
Sigma = 0.064
AK8SD
Mean = -0.108
Sigma = 0.070
AK8SDCorrThea
Mean = -0.041
Sigma = 0.078
AK8SDHCorr
Mean = -0.003
Sigma = 0.076
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

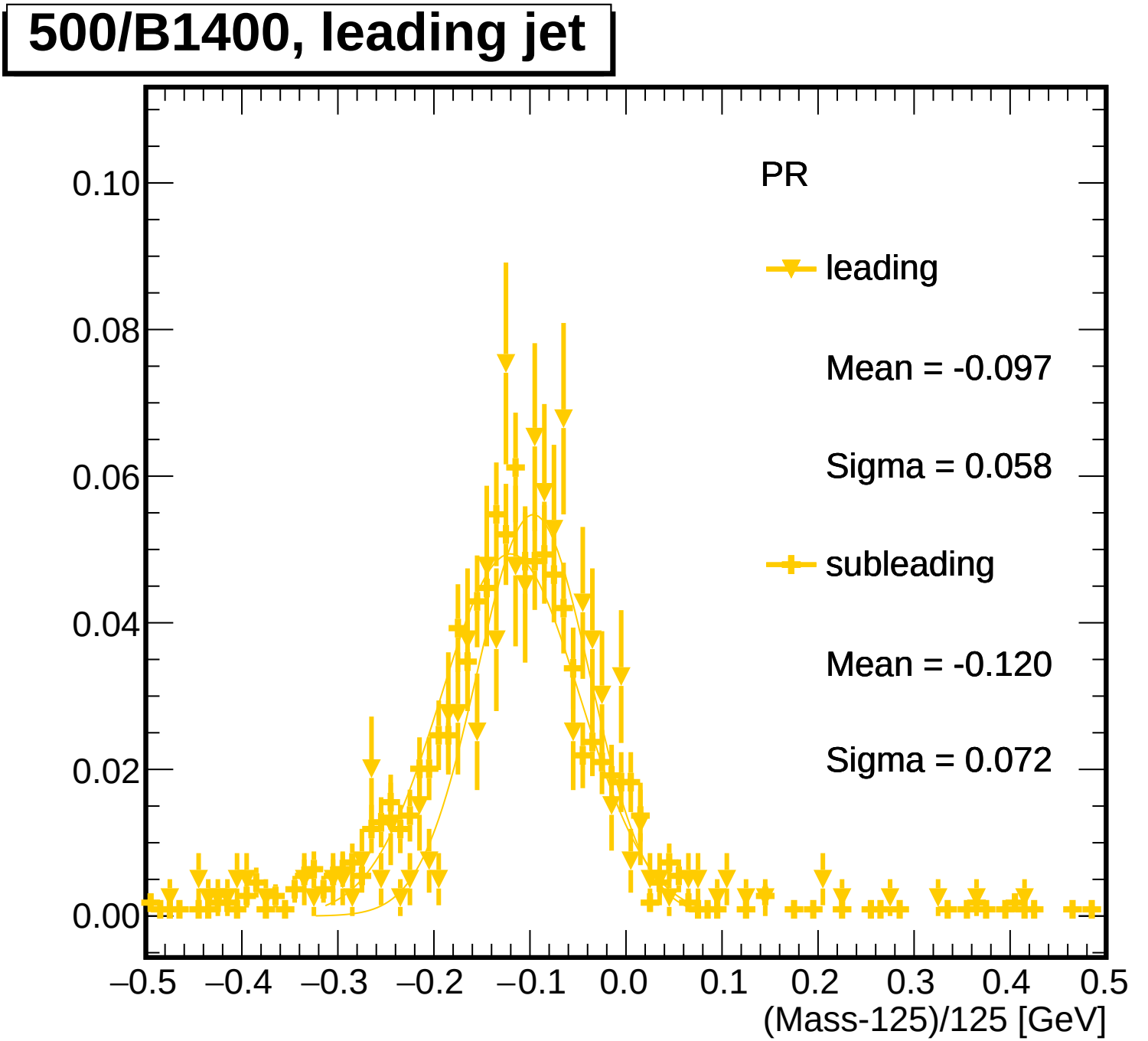

500/B1400, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrTheta
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

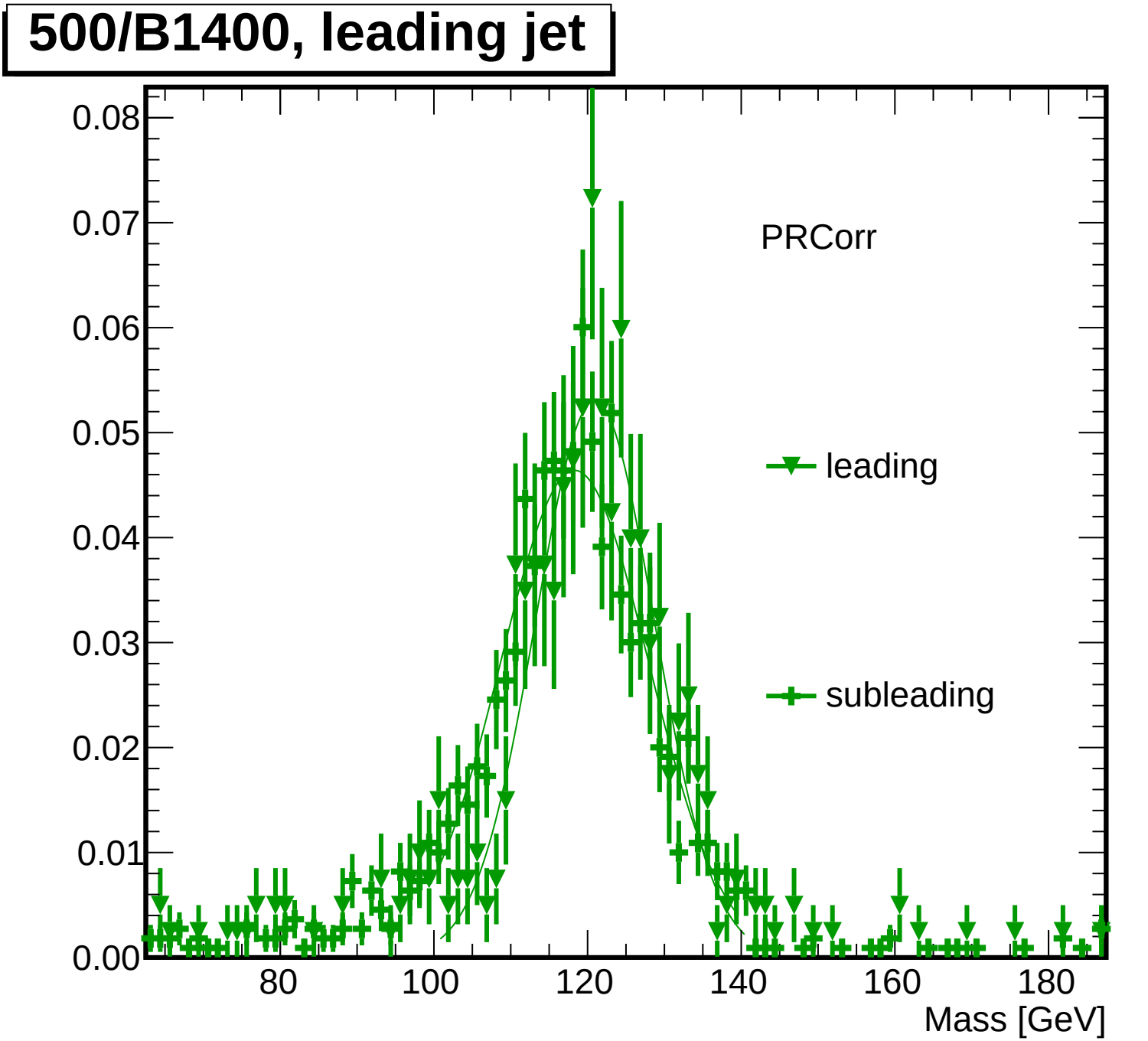

500/B1400, subleading jet
PR
Mean = -0.120
Sigma = 0.072
PRCorr
Mean = -0.056
Sigma = 0.077
AK8SD
Mean = -0.137
Sigma = 0.082
AK8SDCorrThea
Mean = -0.079
Sigma = 0.082
AK8SDHCorr
Mean = -0.048
Sigma = 0.087
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

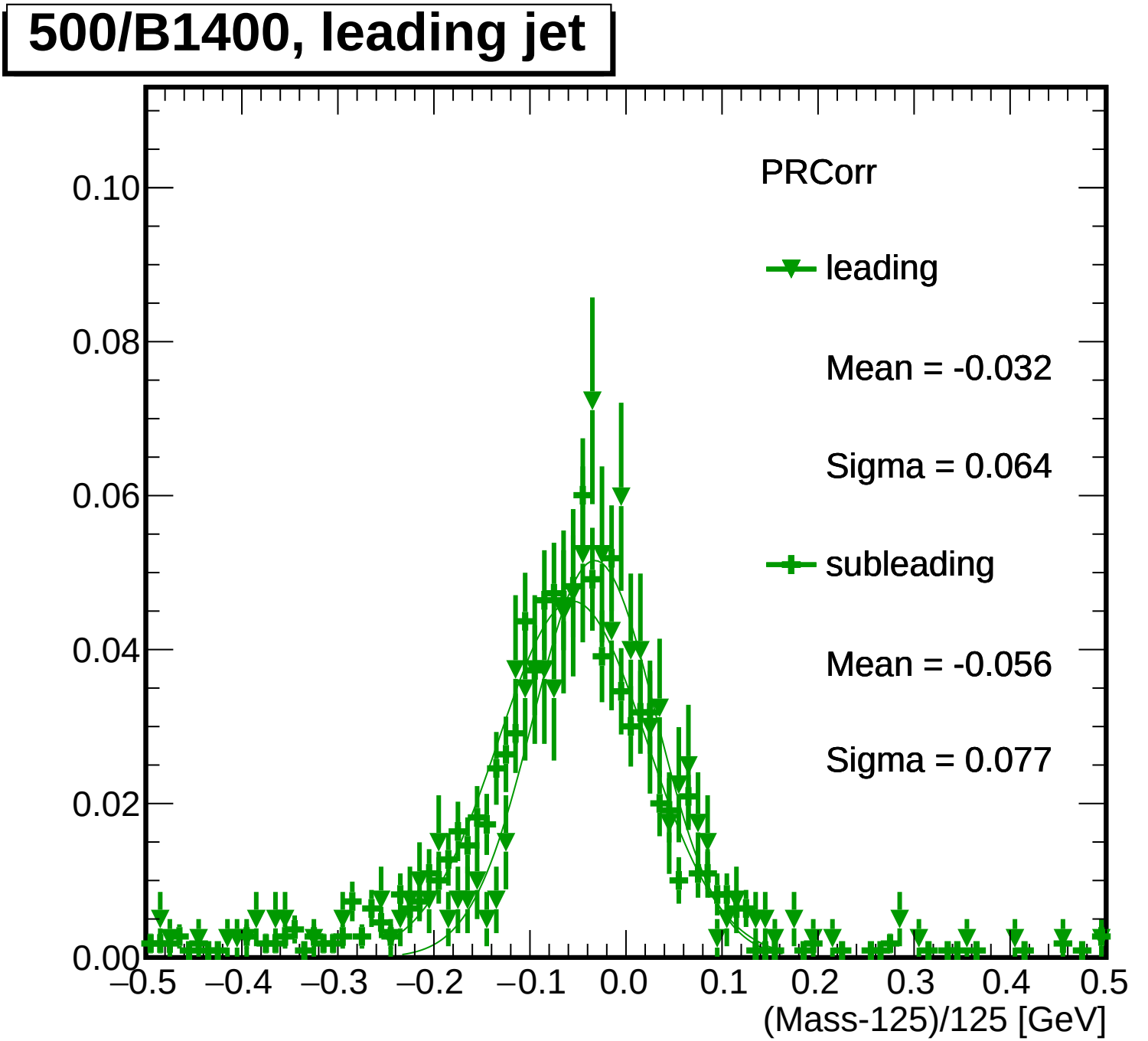

500/B1400, both jets
PR
PRCorr
AK8SD
AK8SDCorrTnea
AK8SDHCorr
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

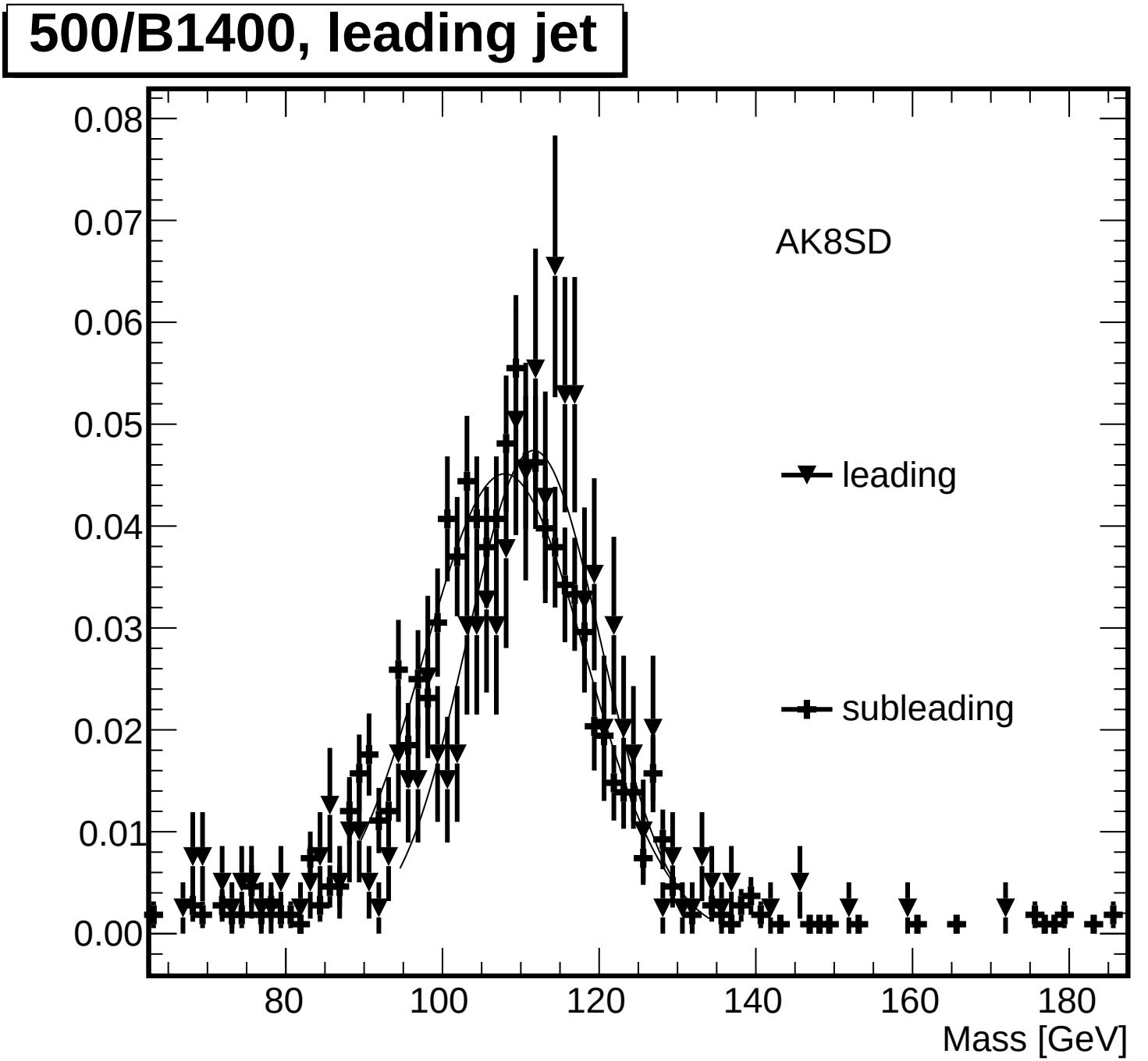

500/B1400, both jets
PR
Mean = -0.114
Sigma = 0.072
PRCorr
Mean = -0.049
Sigma = 0.078
AK8SD
Mean = -0.134
Sigma = 0.078
AK8SDCorrThea
Mean = -0.072
Sigma = 0.087
AK8SDHCorr
Mean = -0.038
Sigma = 0.088
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

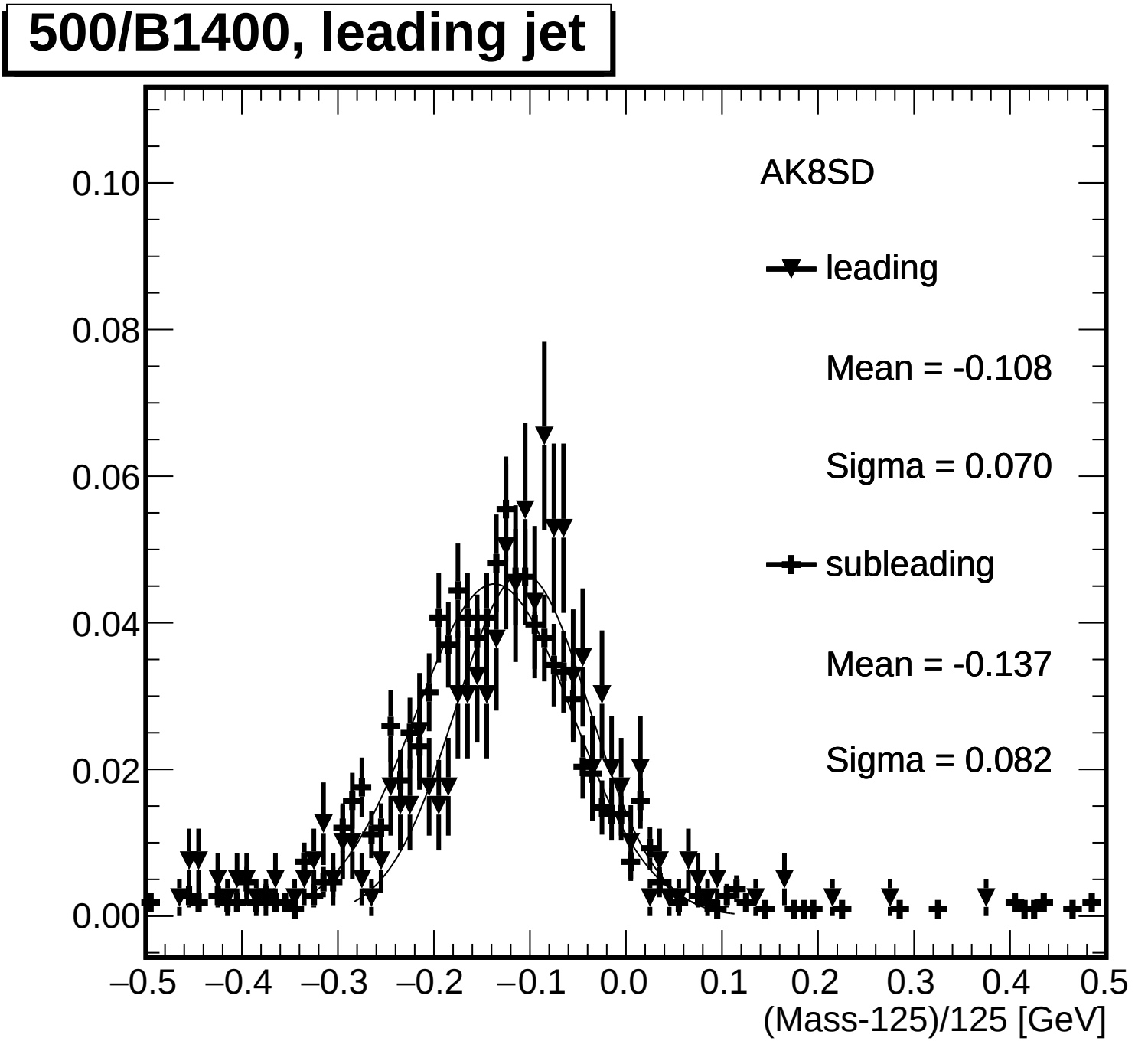

500/B1400, leading jet
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

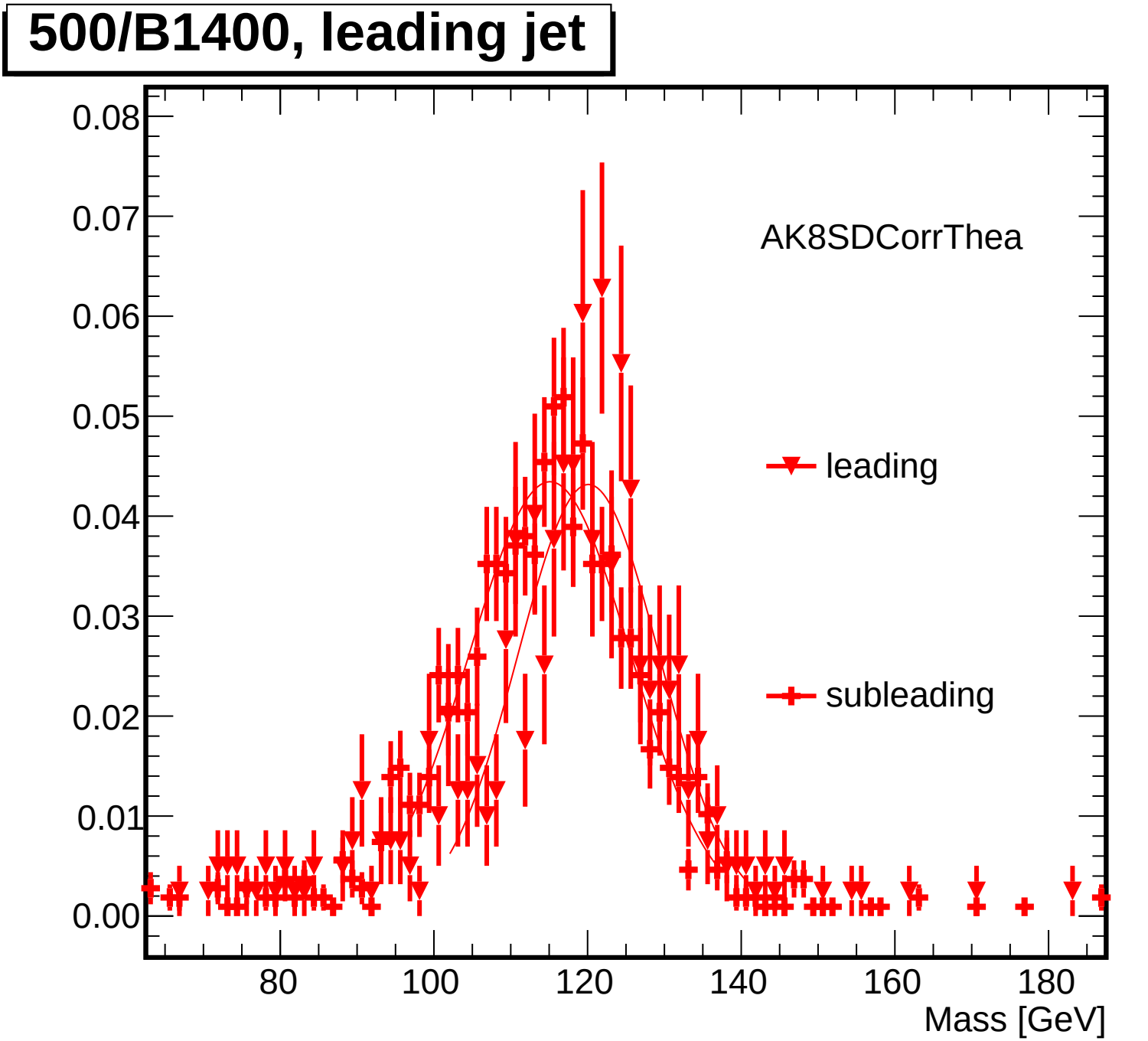

500/B1400, leading jet
PR
leading
Mean = -0.097
Sigma = 0.058
subleading
Mean = -0.120
Sigma = 0.072
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

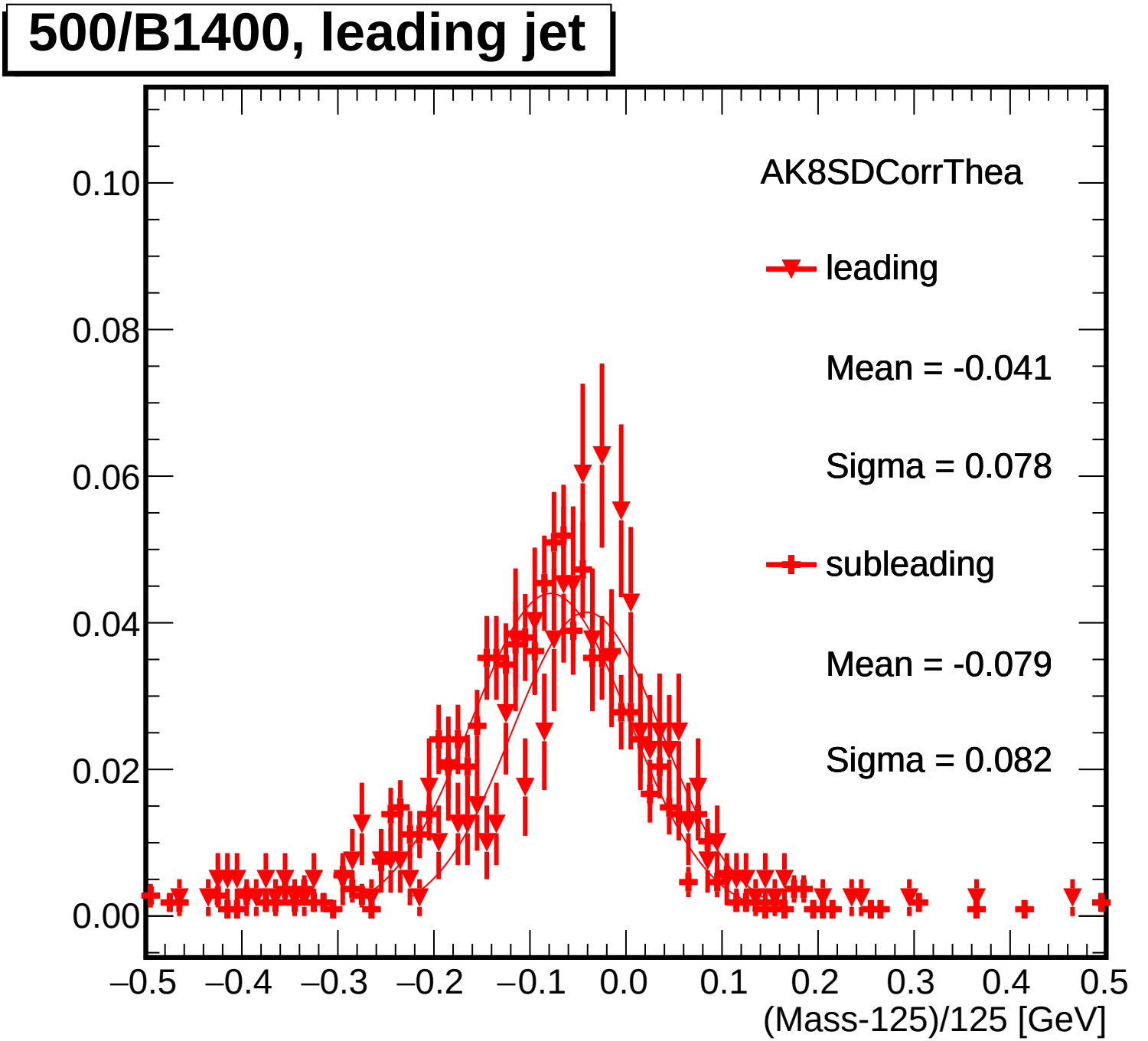

500/B1400, leading jet
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

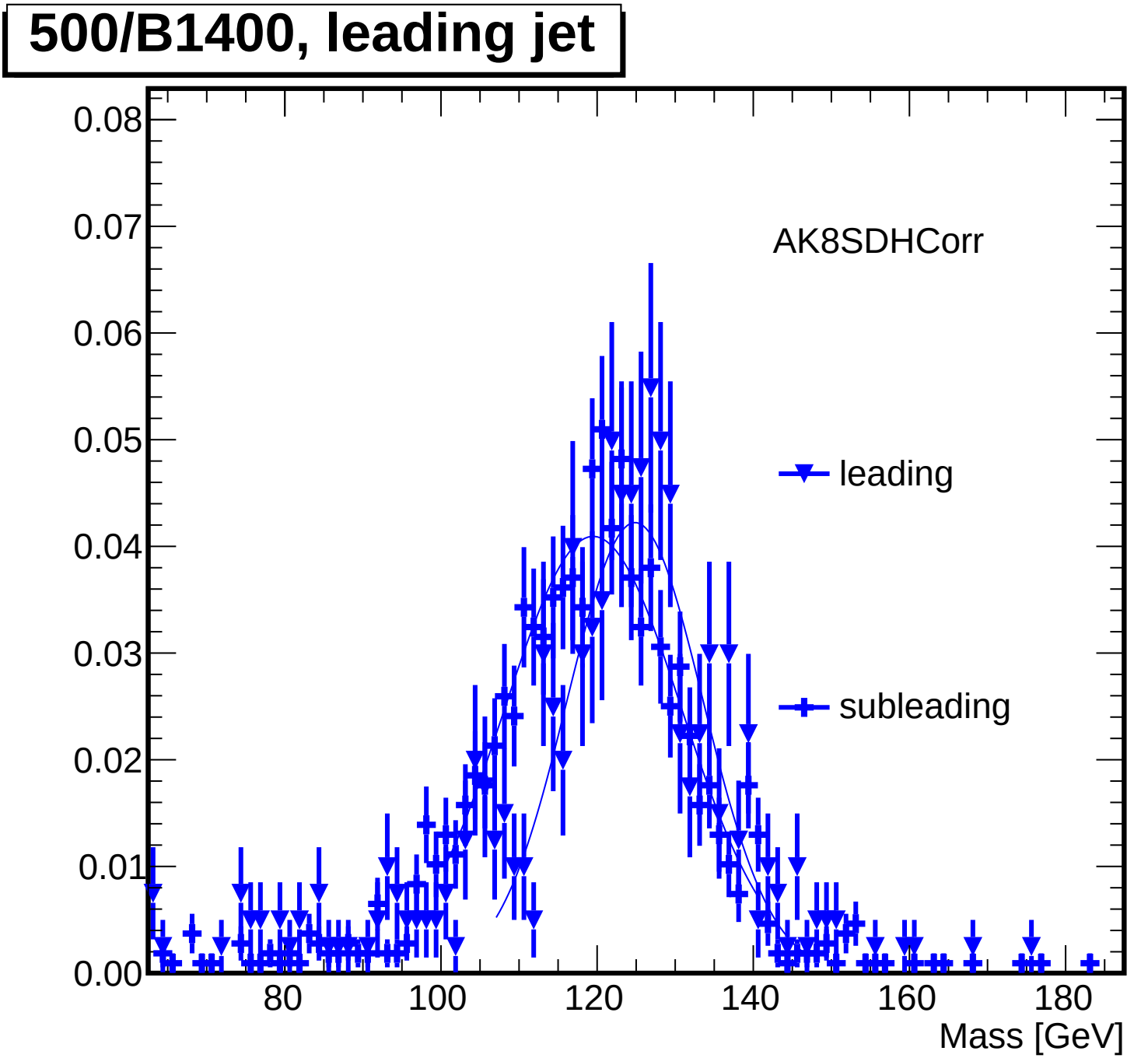

500/B1400, leading jet
PRCorr
leading
Mean = -0.032
Sigma = 0.064
subleading
Mean = -0.056
Sigma = 0.077
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

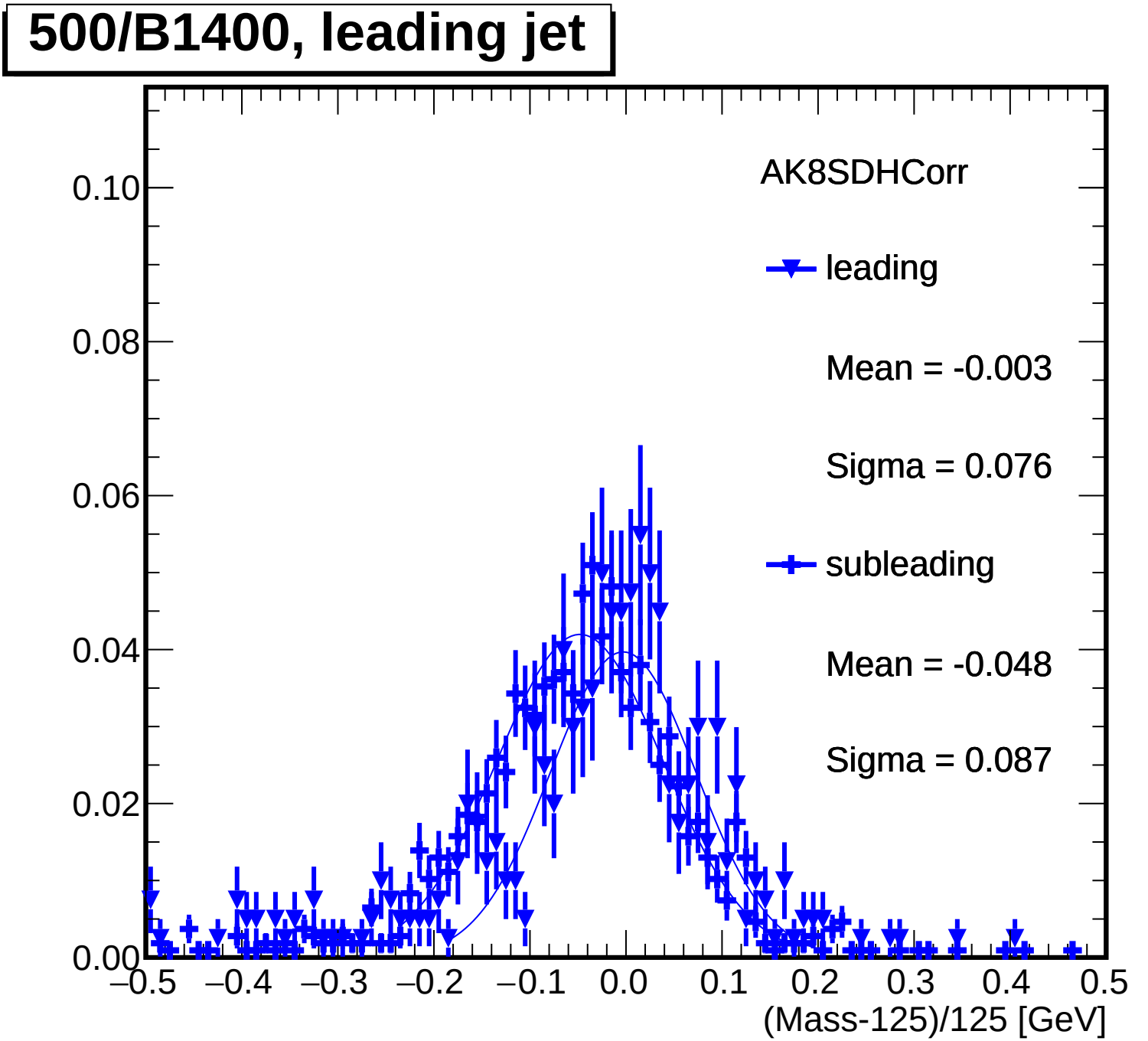

500/B1400, leading jet
AK8SD
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1400, leading jet
AK8SD
leading
Mean = -0.108
Sigma = 0.070
subleading
Mean = -0.137
Sigma = 0.082
0.10
0.08
0.06
0.04
0.02
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/B1400, leading jet
AK8SDCorrThea
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1400, leading jet
AK8SDCorrThea
leading
Mean = -0.041
Sigma = 0.078
subleading
Mean = -0.079
Sigma = 0.082
0.10
0.08
0.06
0.04
0.02
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/B1400, leading jet
AK8SDHCorr
leading
subleading
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1400, leading jet
AK8SDHCorr
leading
Mean = -0.003
Sigma = 0.076
subleading
Mean = -0.048
Sigma = 0.087
0.10
0.08
0.06
0.04
0.02
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]