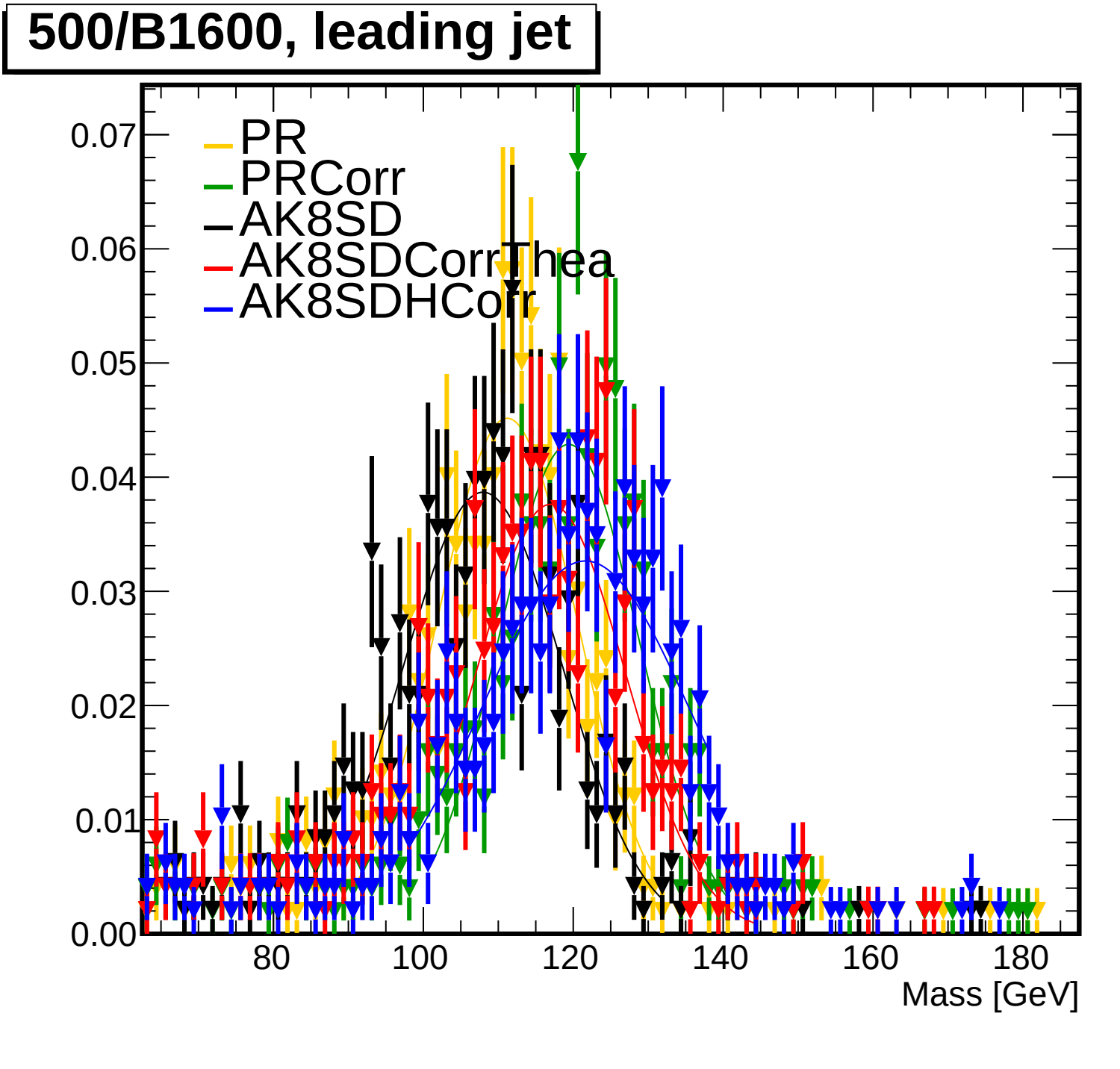
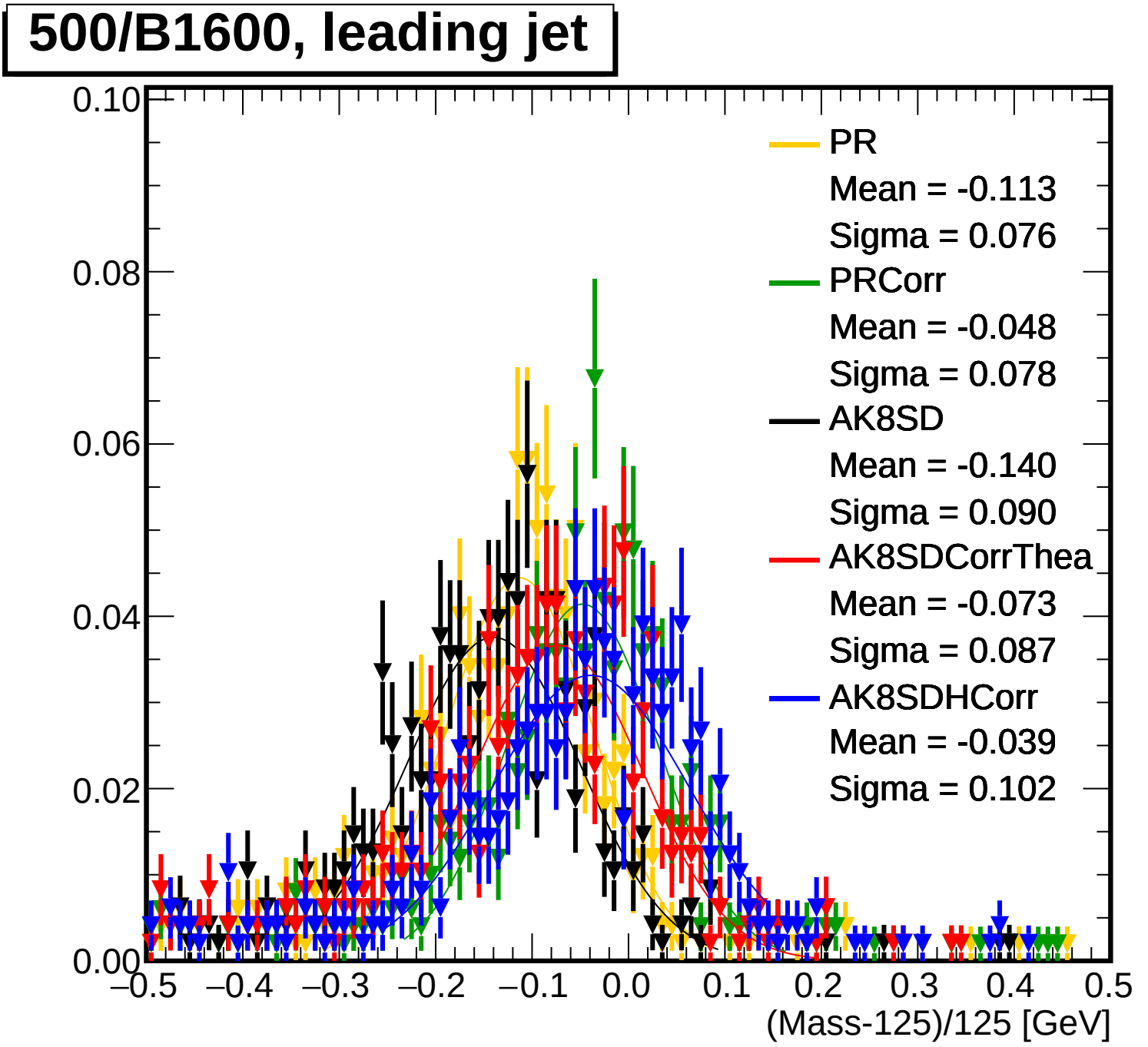
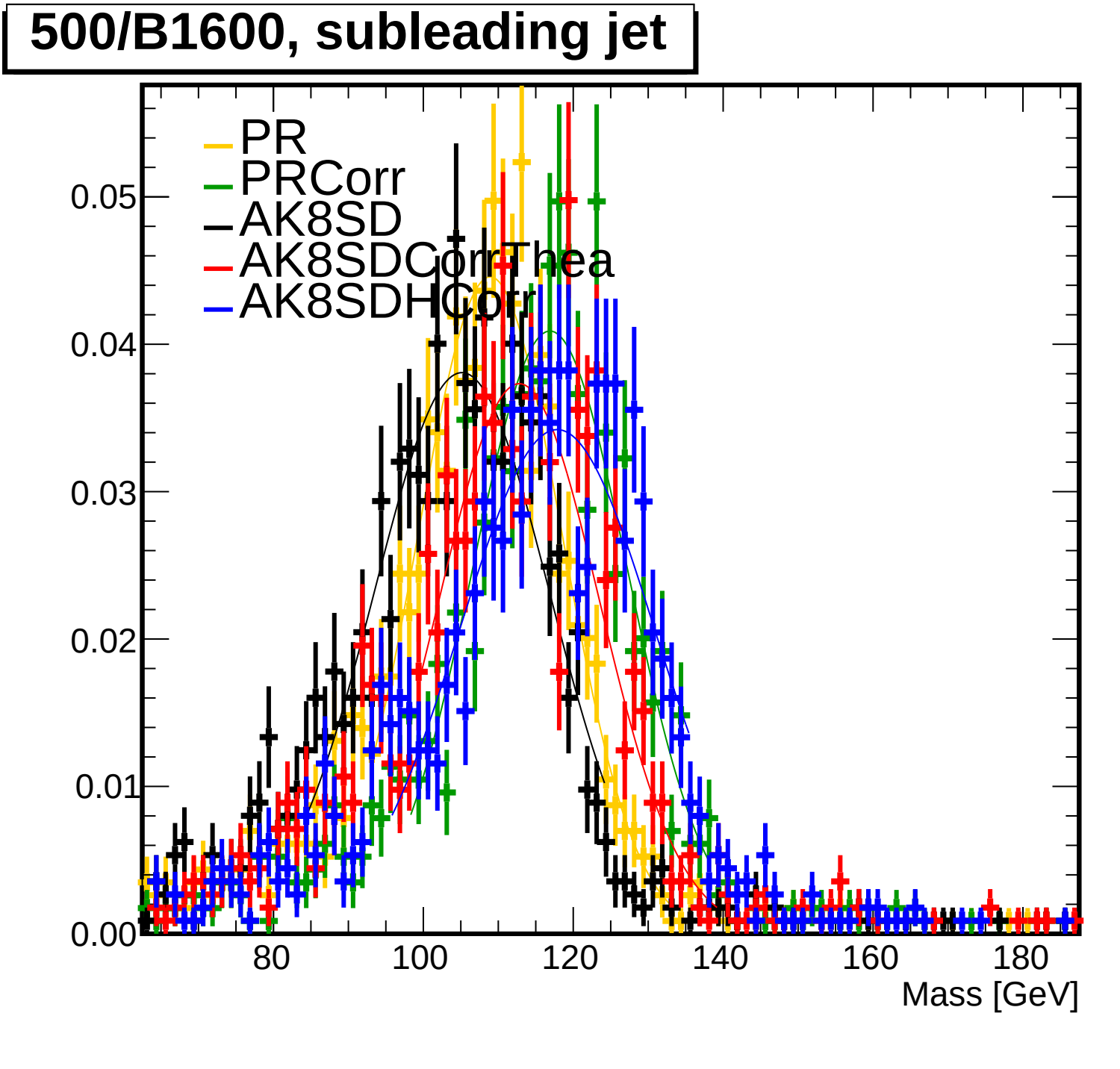
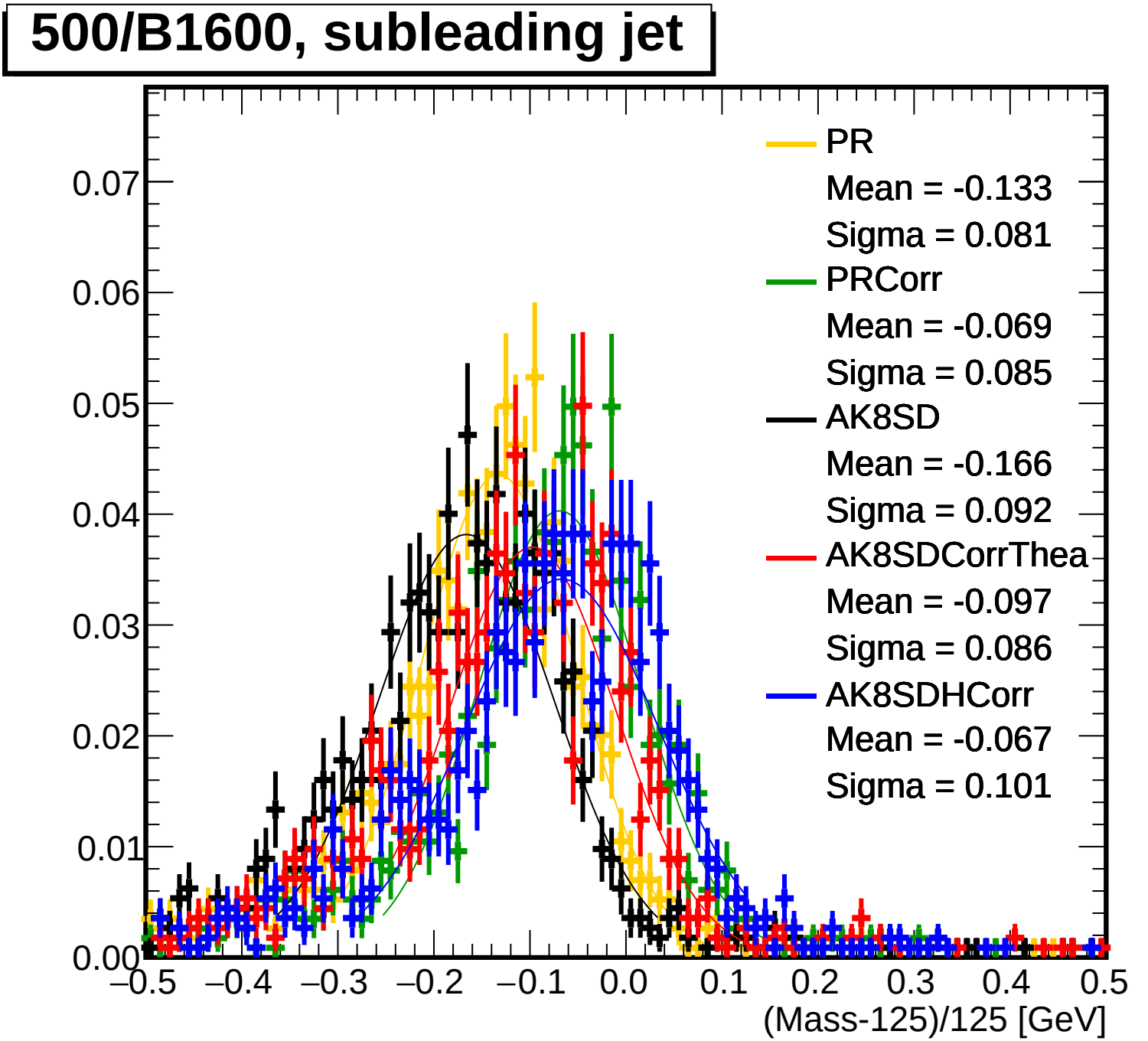
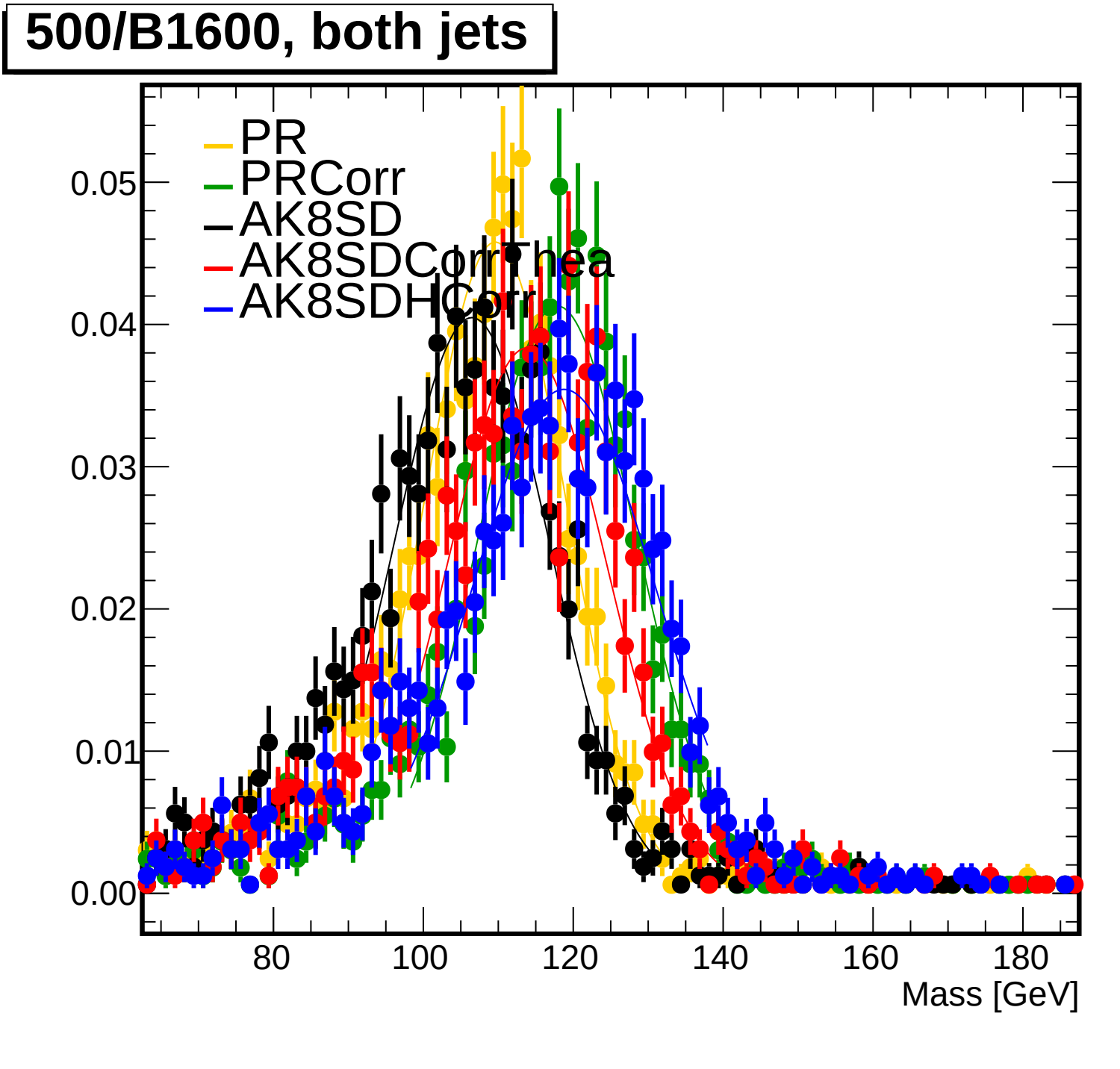
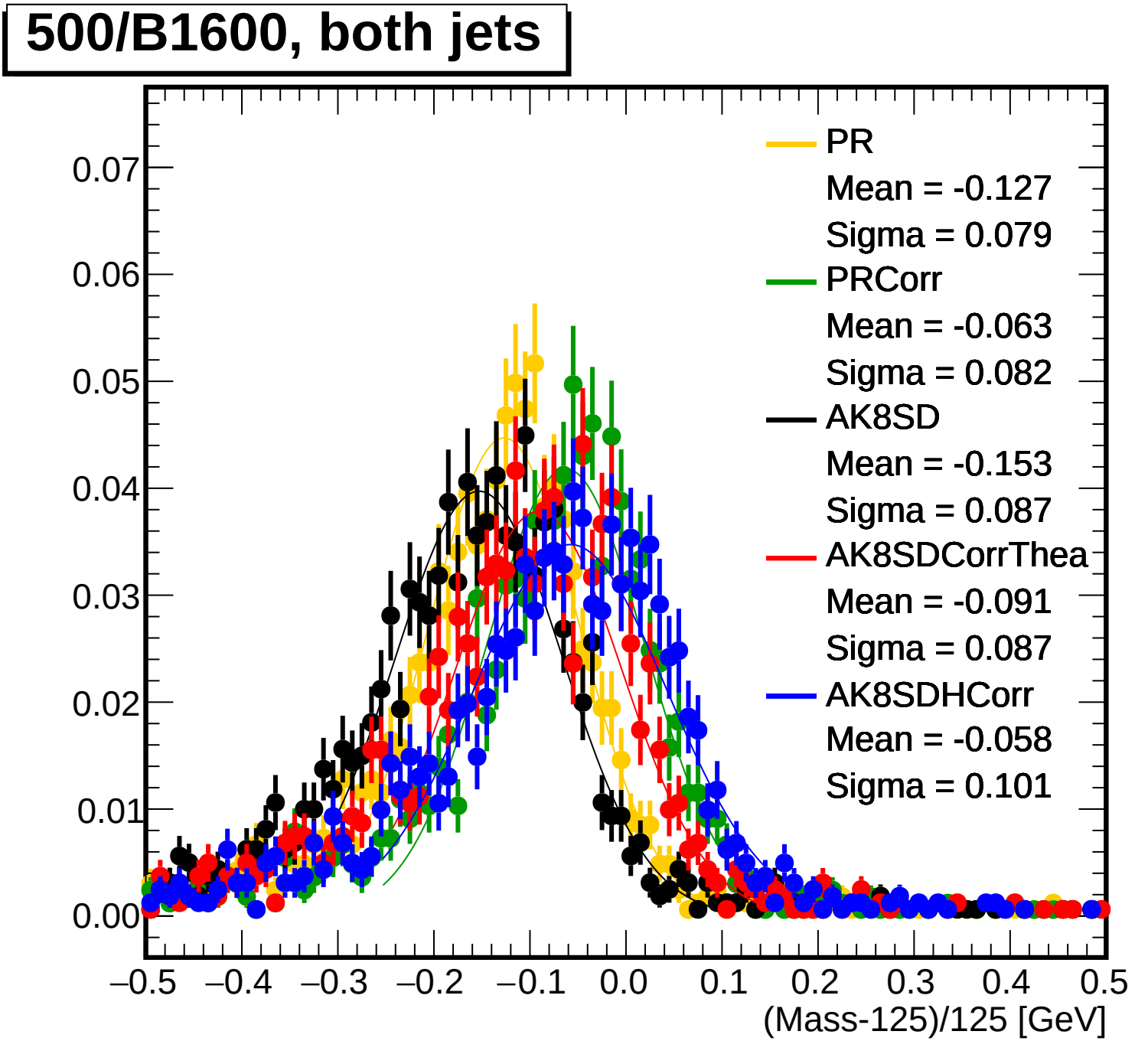

500/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

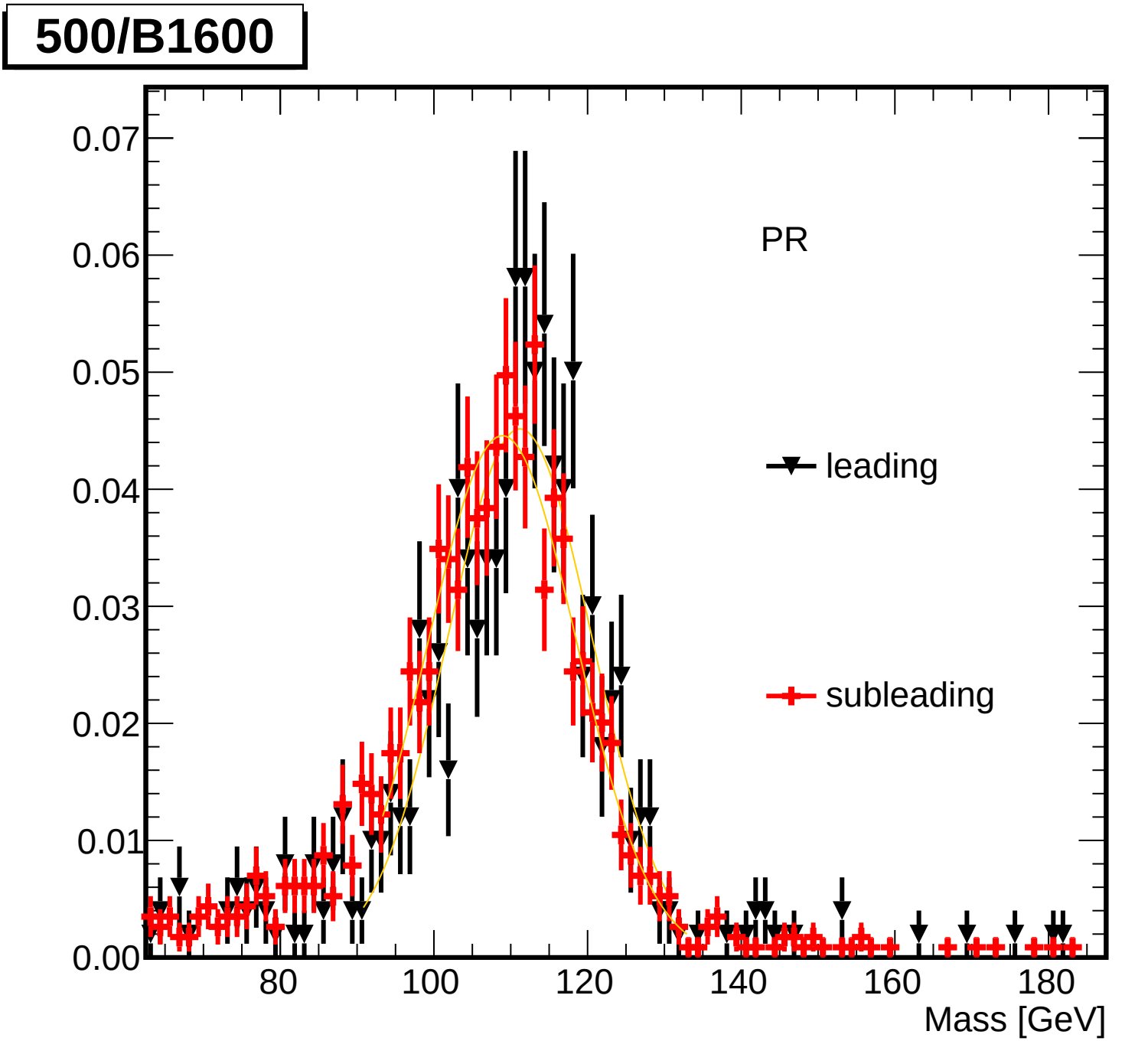

500/B1600, leading jet
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]
PR
Mean = -0.113
Sigma = 0.076
PRCorr
Mean = -0.048
Sigma = 0.078
AK8SD
Mean = -0.140
Sigma = 0.090
AK8SDCorrThea
Mean = -0.073
Sigma = 0.087
AK8SDHCorr
Mean = -0.039
Sigma = 0.102

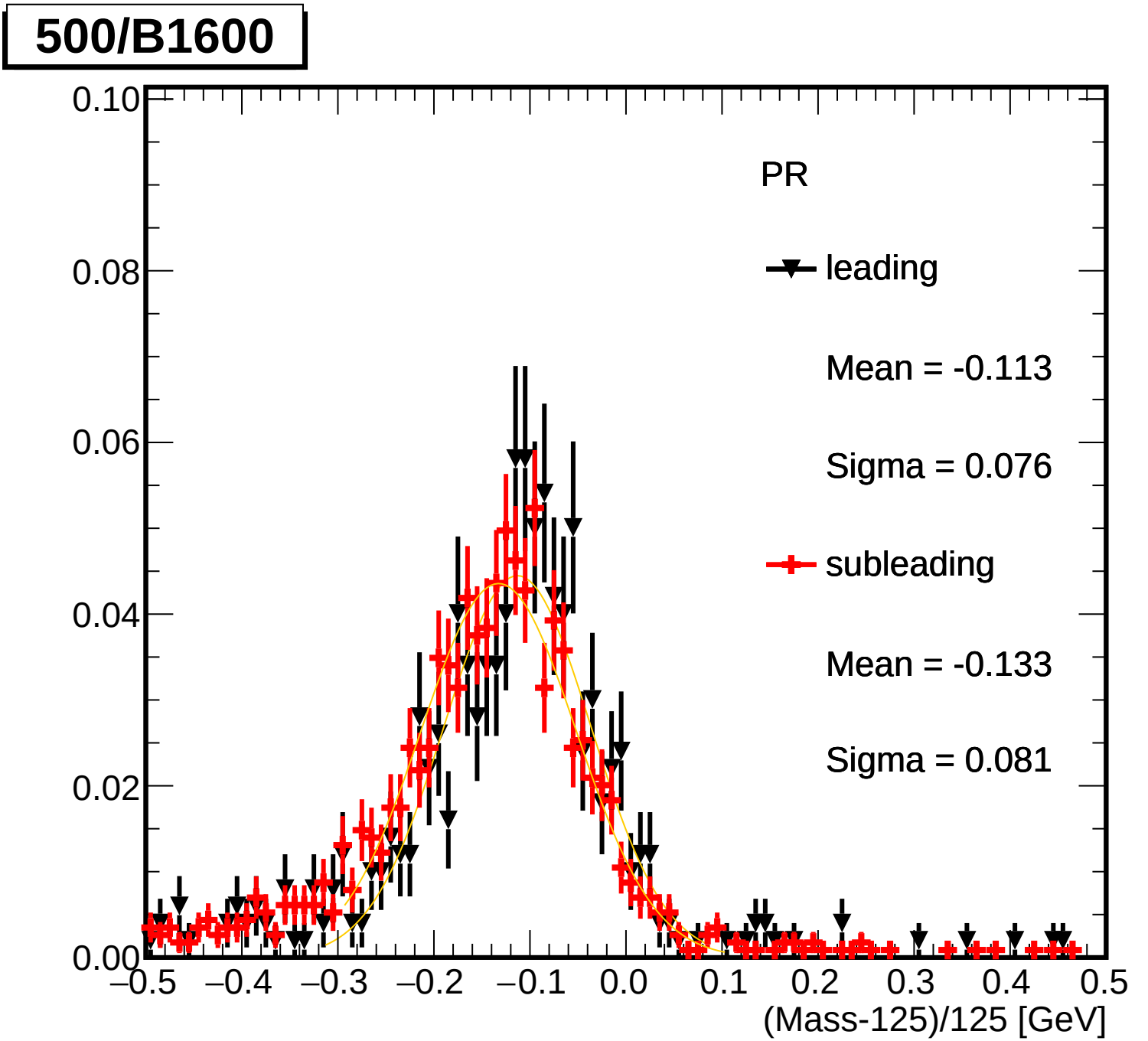

500/B1600, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

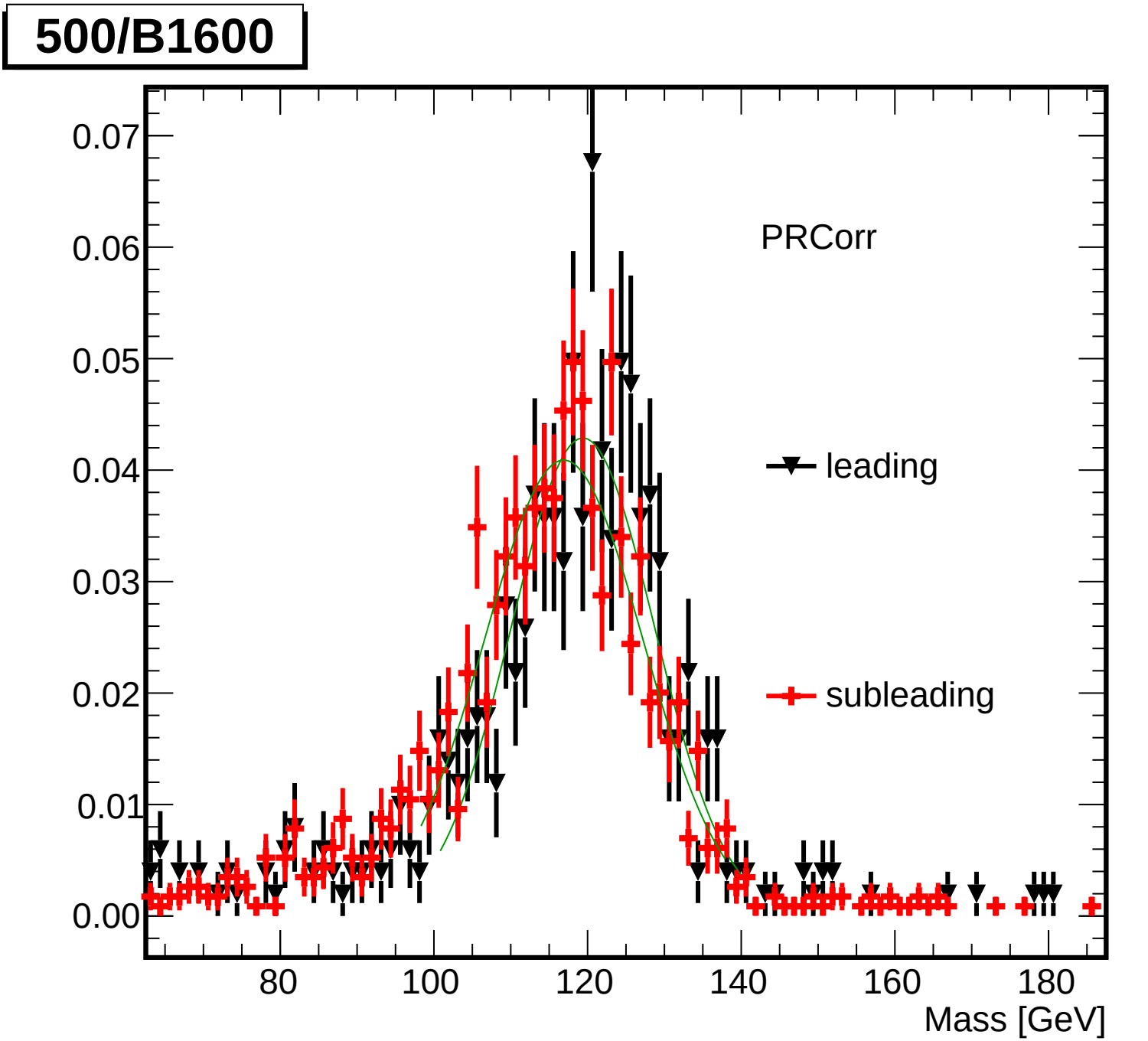

500/B1600, subleading jet
PR
Mean = -0.133
Sigma = 0.081
PRCorr
Mean = -0.069
Sigma = 0.085
AK8SD
Mean = -0.166
Sigma = 0.092
AK8SDCorrThea
Mean = -0.097
Sigma = 0.086
AK8SDHCorr
Mean = -0.067
Sigma = 0.101
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

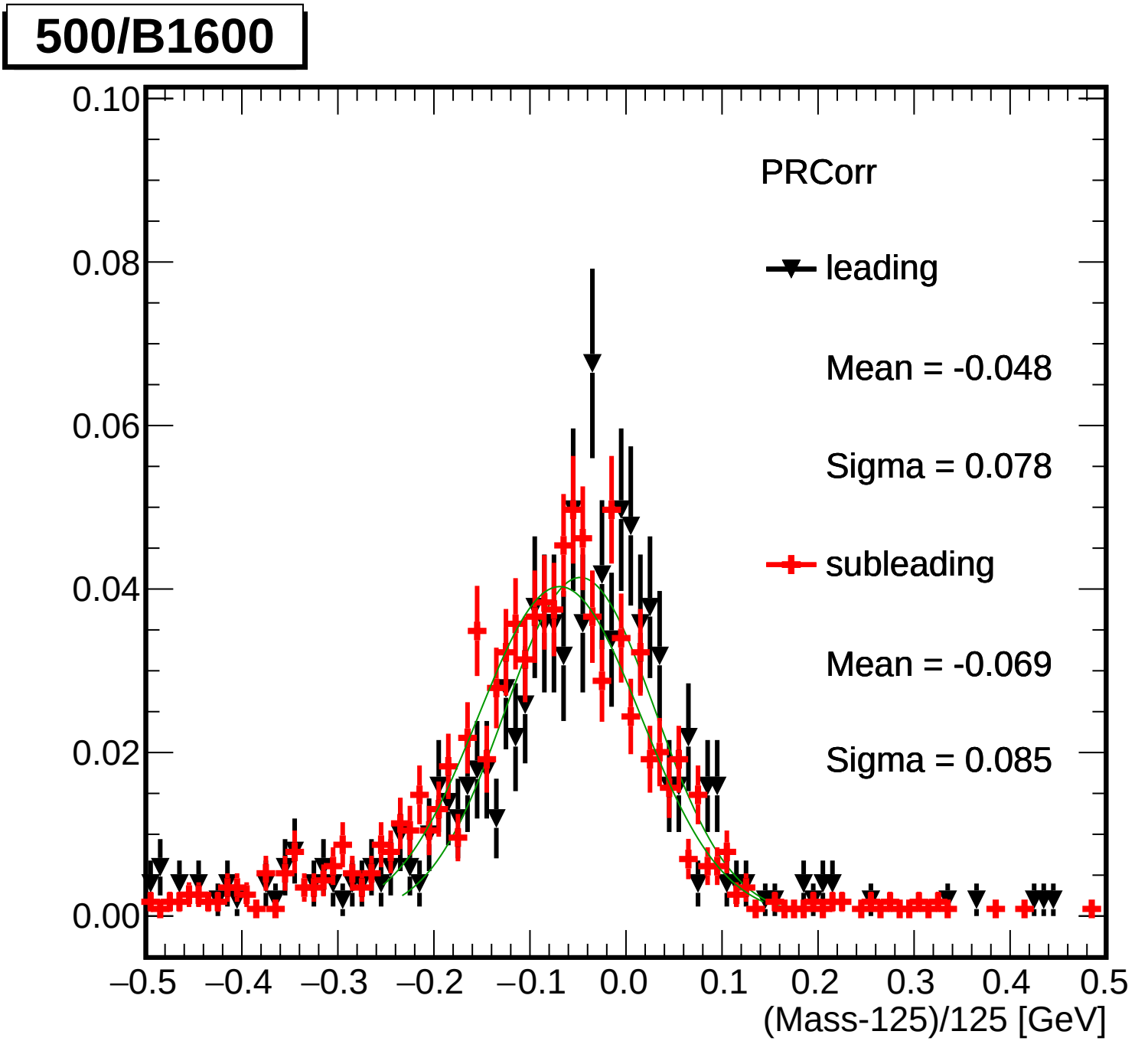

500/B1600, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

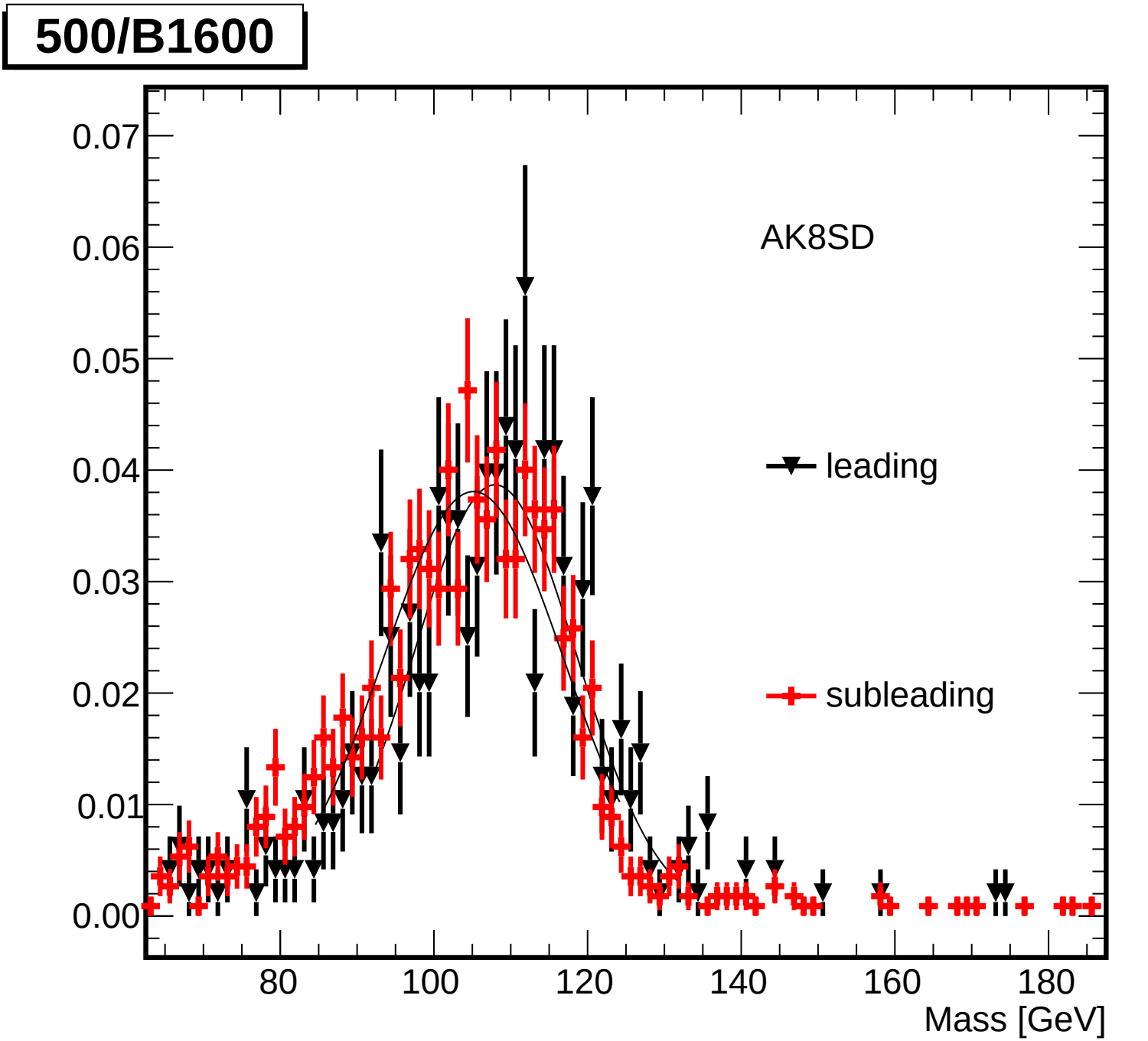

500/B1600, both jets
PR
Mean = -0.127
Sigma = 0.079
PRCorr
Mean = -0.063
Sigma = 0.082
AK8SD
Mean = -0.153
Sigma = 0.087
AK8SDCorrThea
Mean = -0.091
Sigma = 0.087
AK8SDHCorr
Mean = -0.058
Sigma = 0.101
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

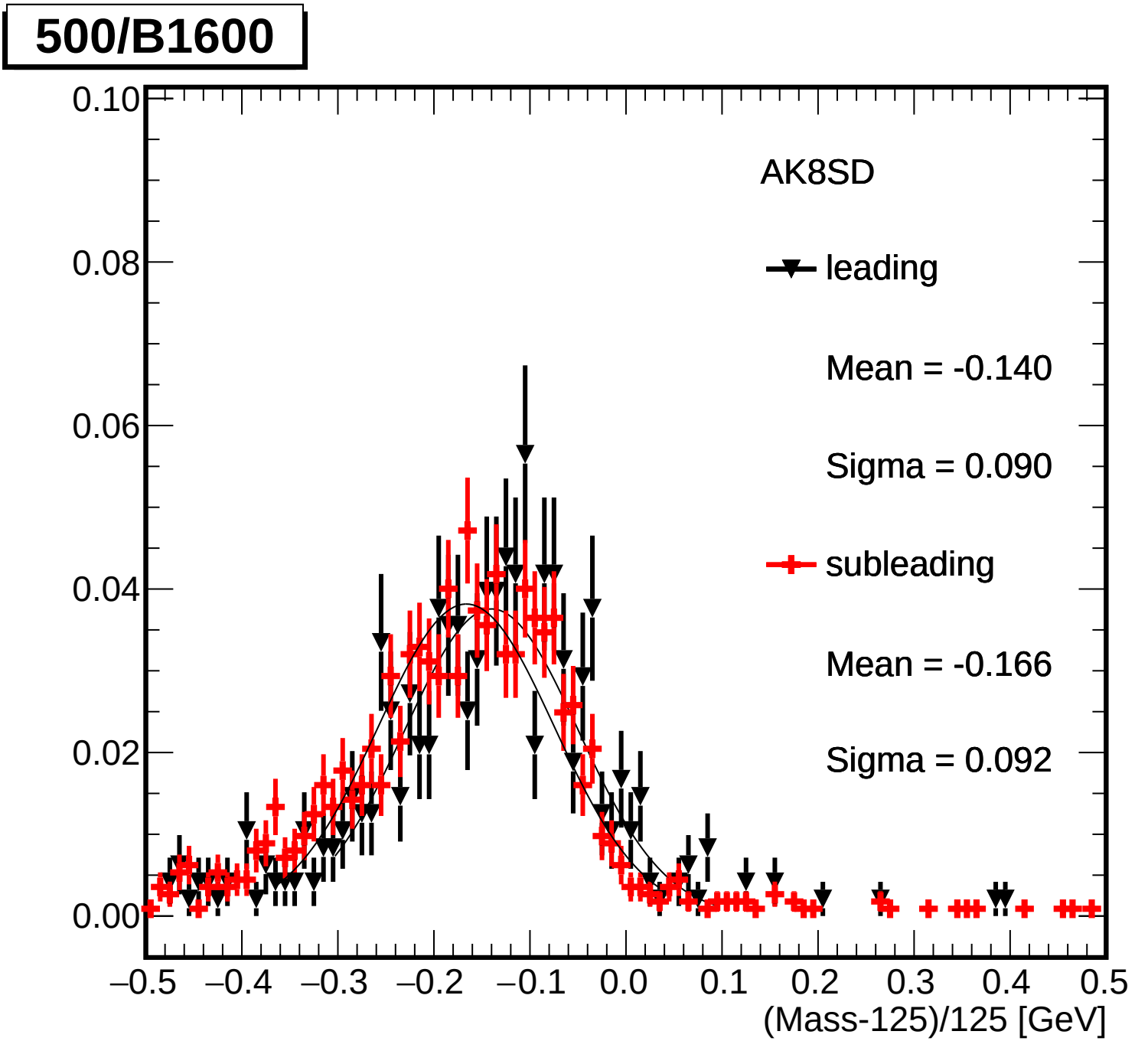

500/B1600
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

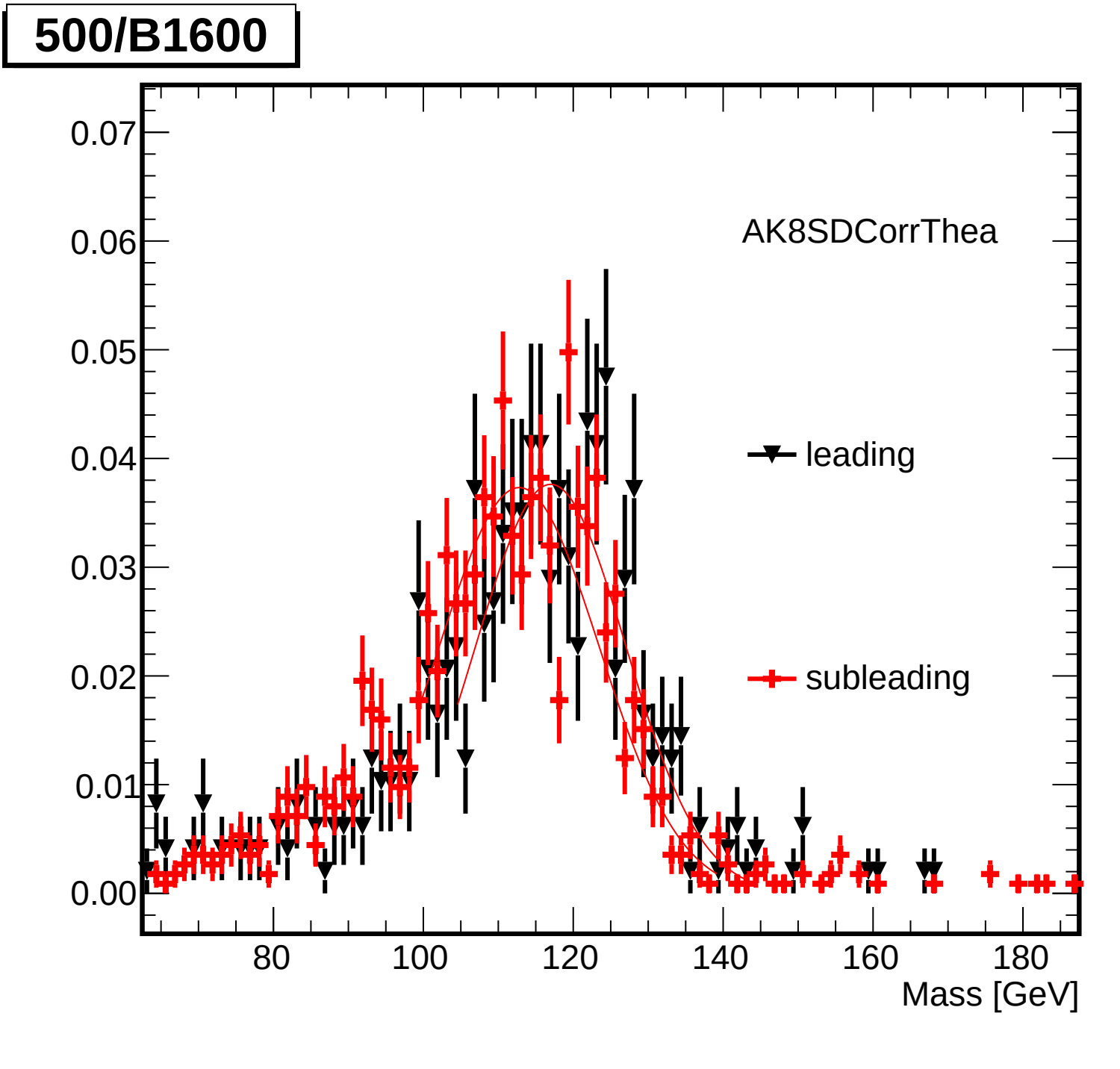

500/B1600
PR
leading
Mean = -0.113
Sigma = 0.076
subleading
Mean = -0.133
Sigma = 0.081
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

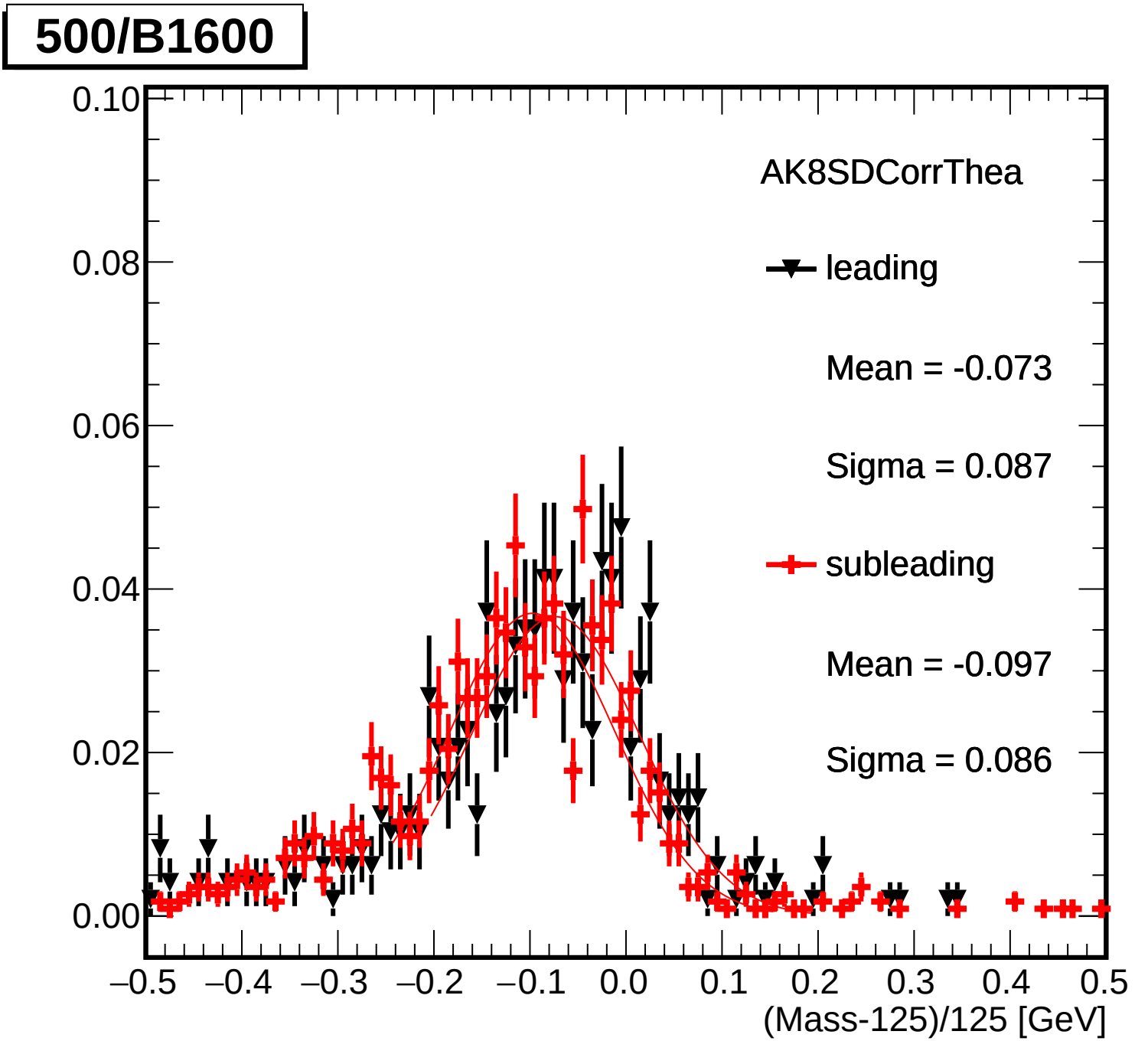

500/B1600
PRCorr
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

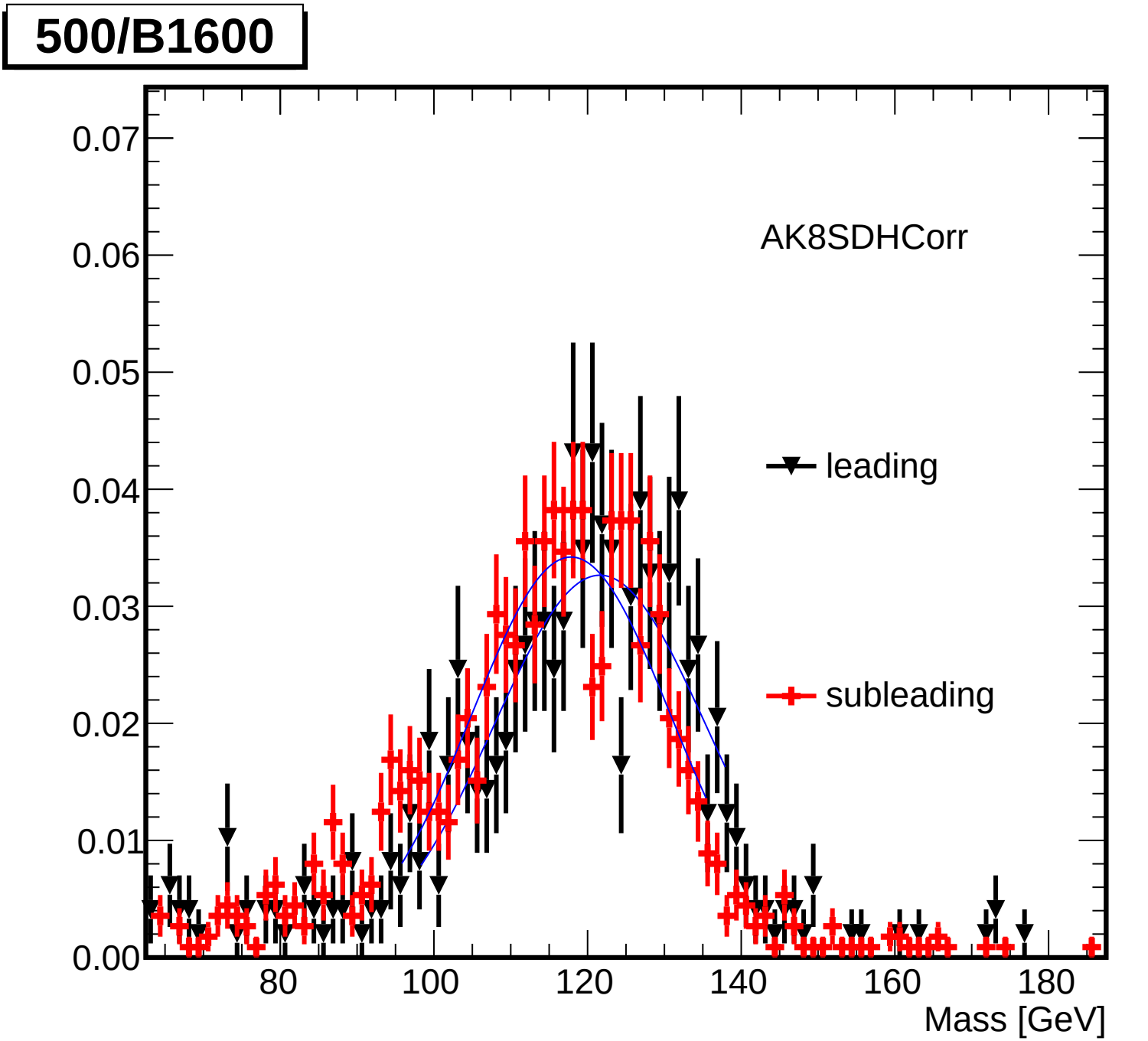

500/B1600
PRCorr
leading
Mean = -0.048
Sigma = 0.078
subleading
Mean = -0.069
Sigma = 0.085
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

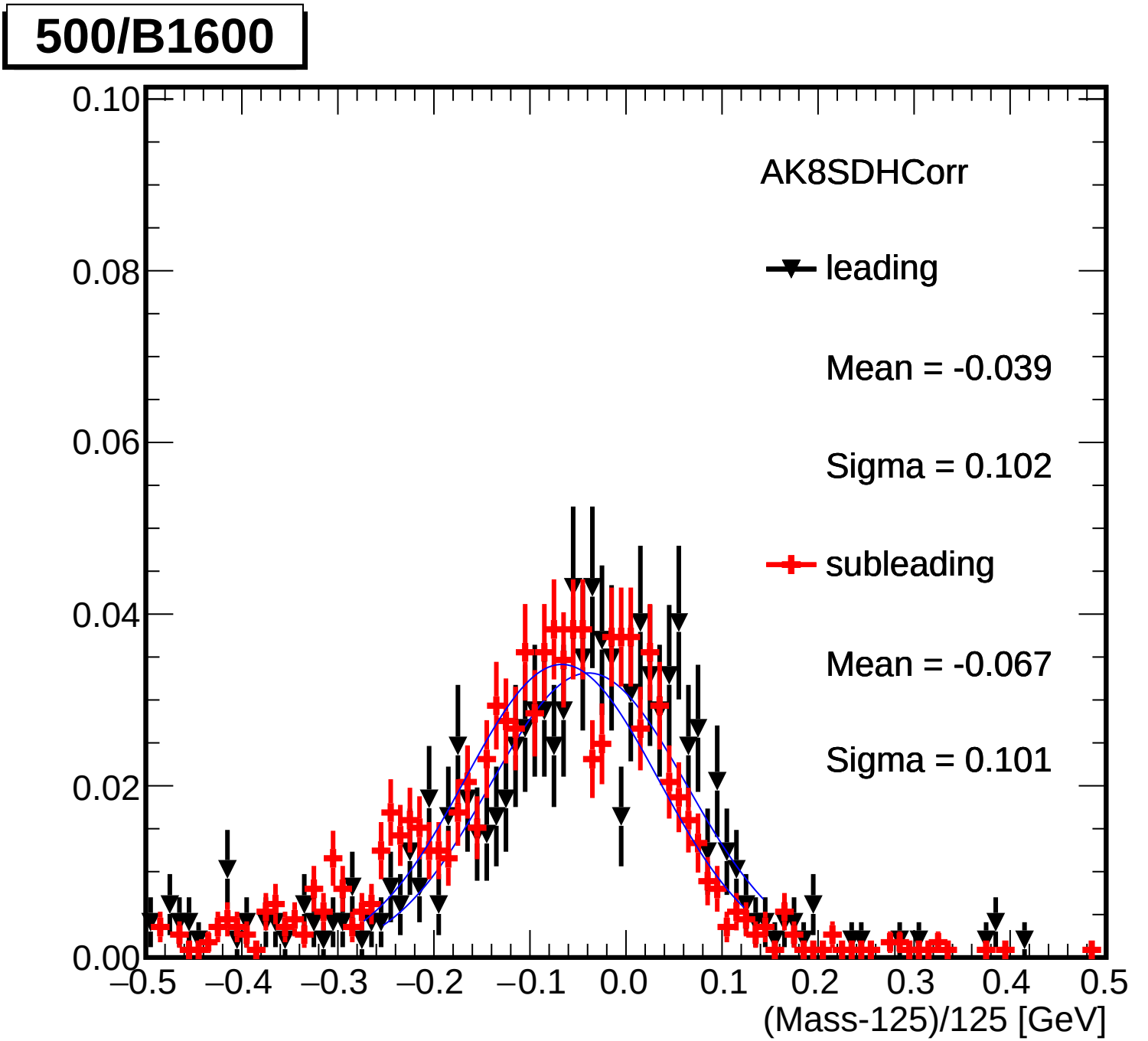

500/B1600
AK8SD
leading
subleading
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


500/B1600
AK8SD
leading
Mean = -0.140
Sigma = 0.090
subleading
Mean = -0.166
Sigma = 0.092
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/B1600
AK8SDCorrThea
leading
subleading
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/B1600
AK8SDCorrThea
leading
Mean = -0.073
Sigma = 0.087
subleading
Mean = -0.097
Sigma = 0.086
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/B1600
AK8SDHCorr
leading
subleading
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/B1600
AK8SDHCorr
leading
Mean = -0.039
Sigma = 0.102
subleading
Mean = -0.067
Sigma = 0.101
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]