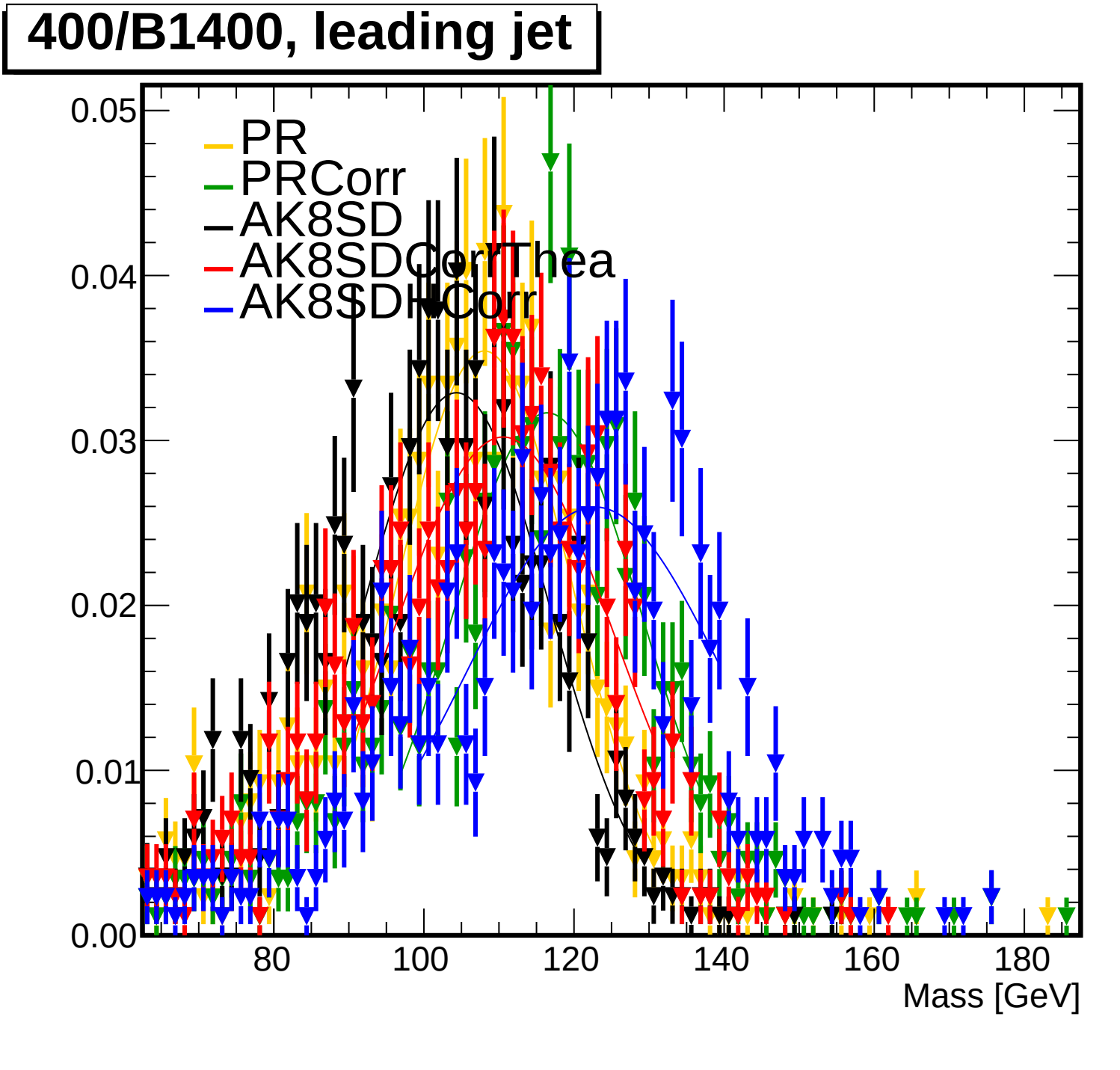
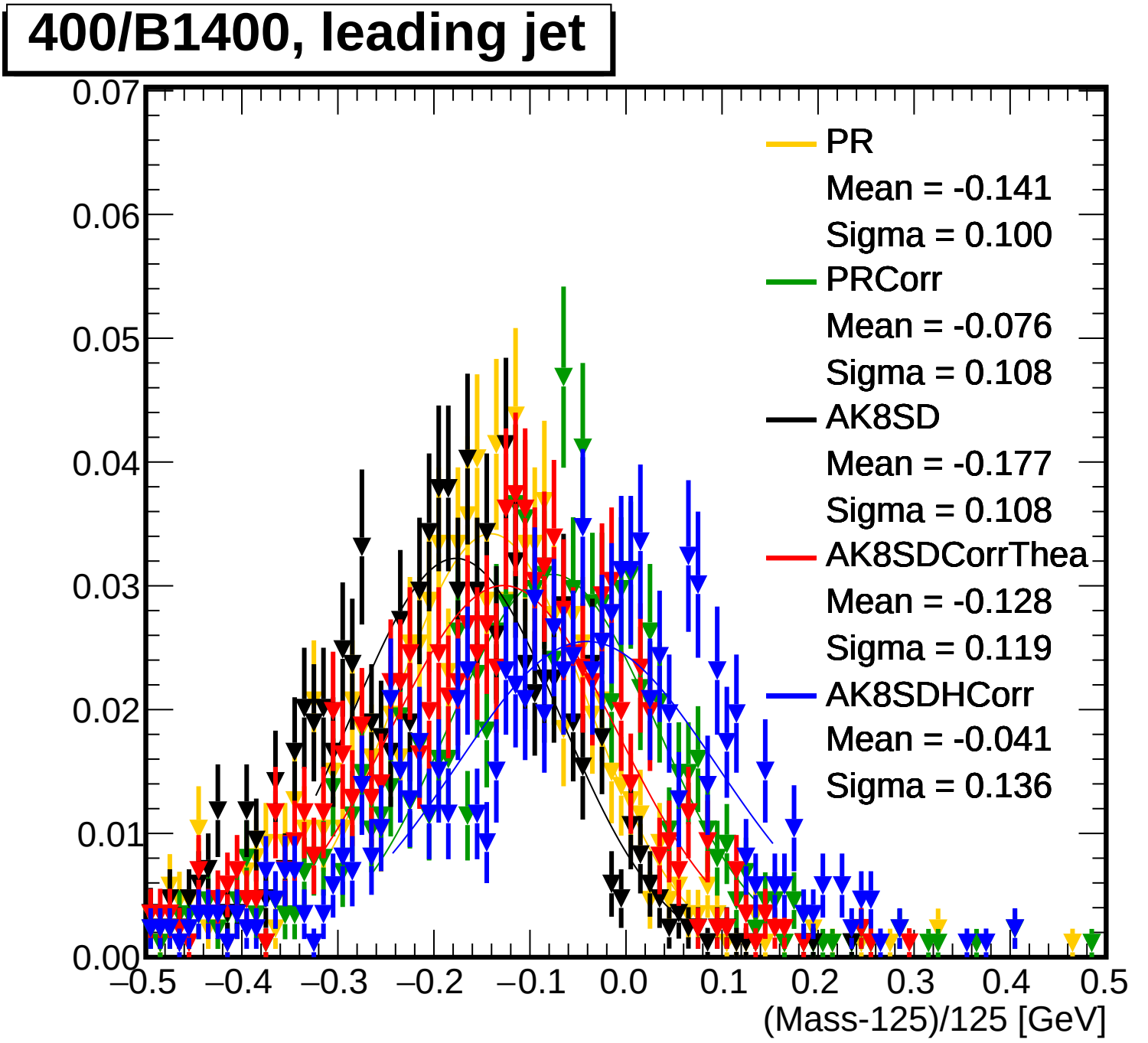
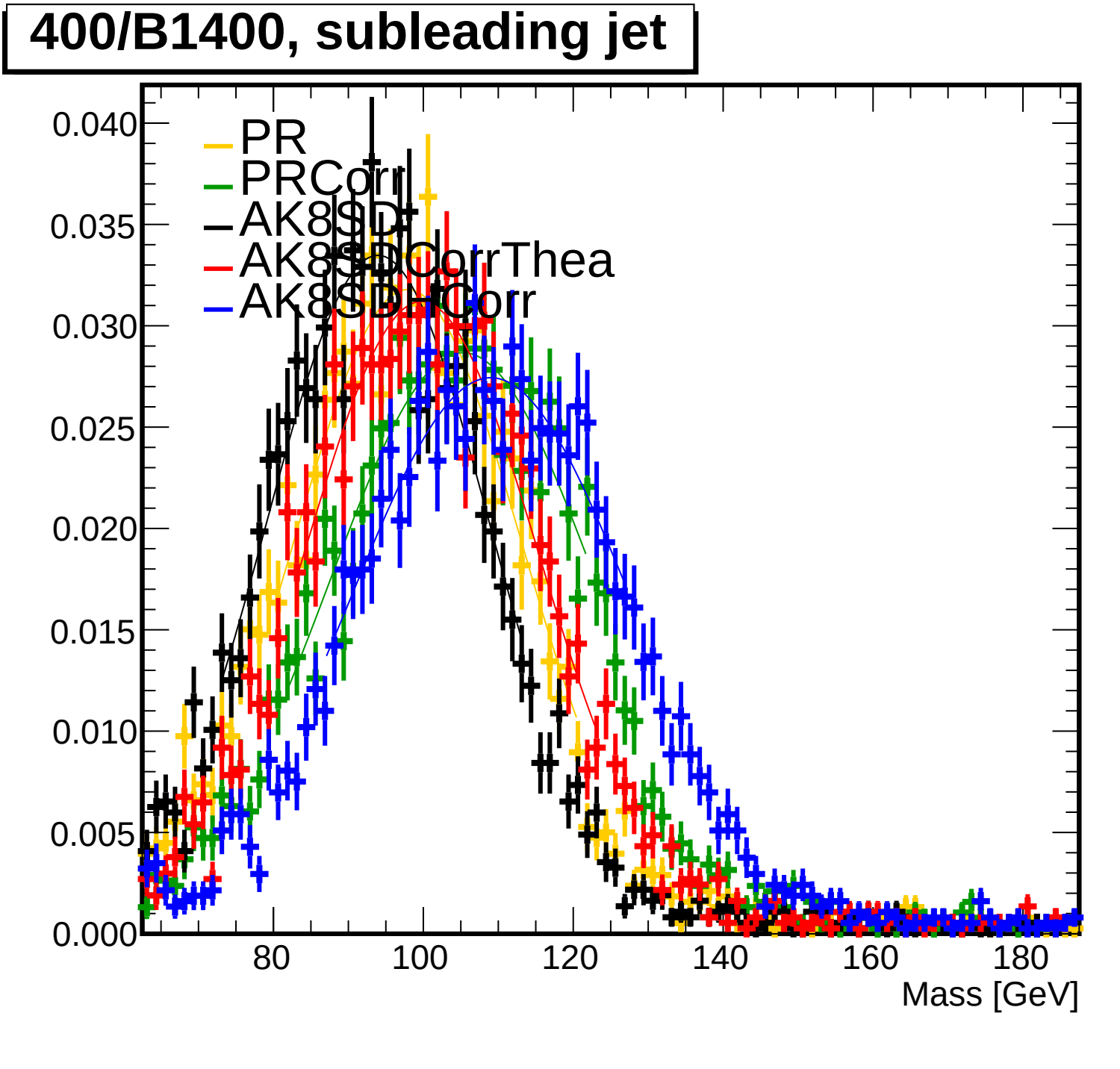
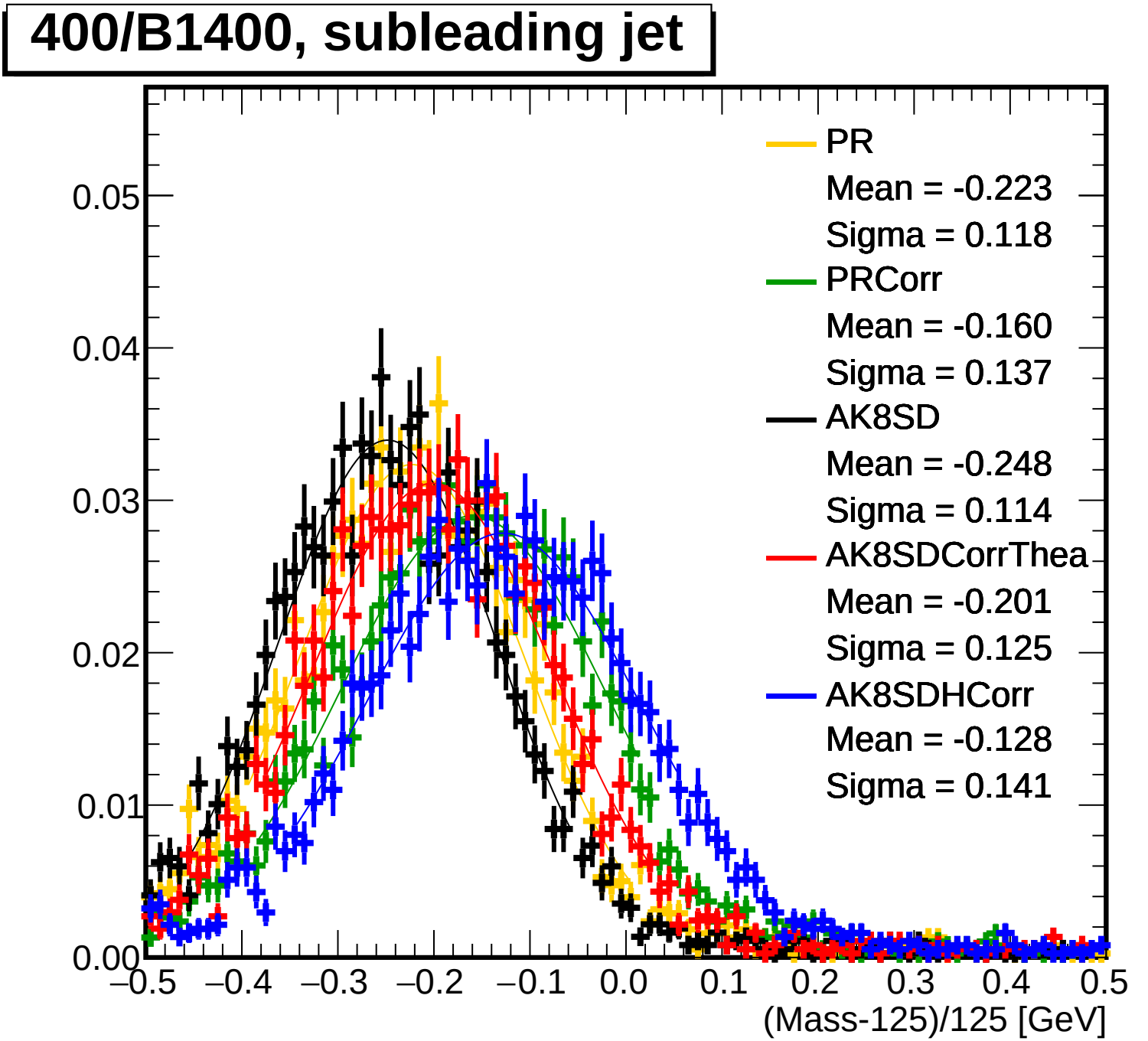
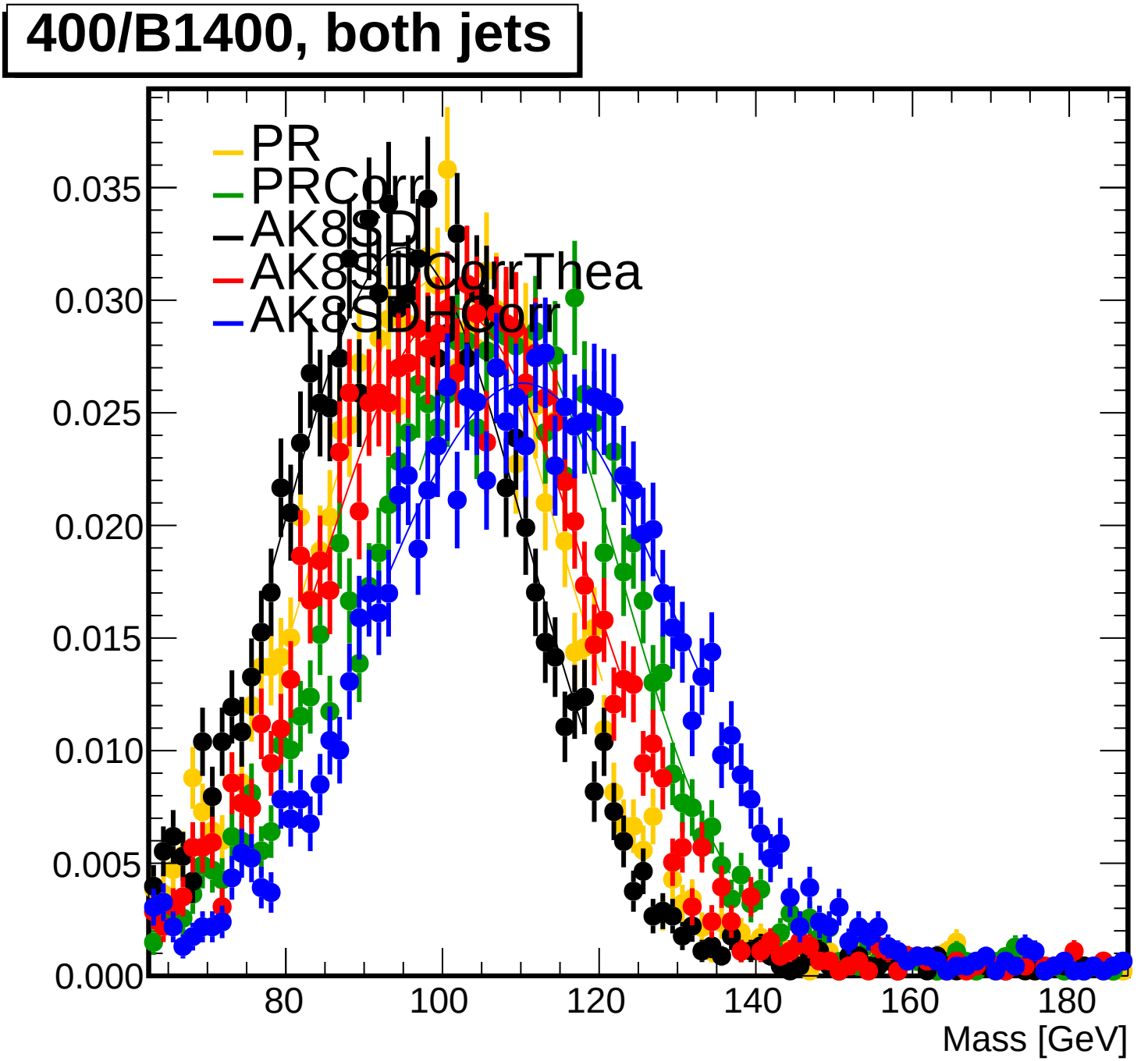
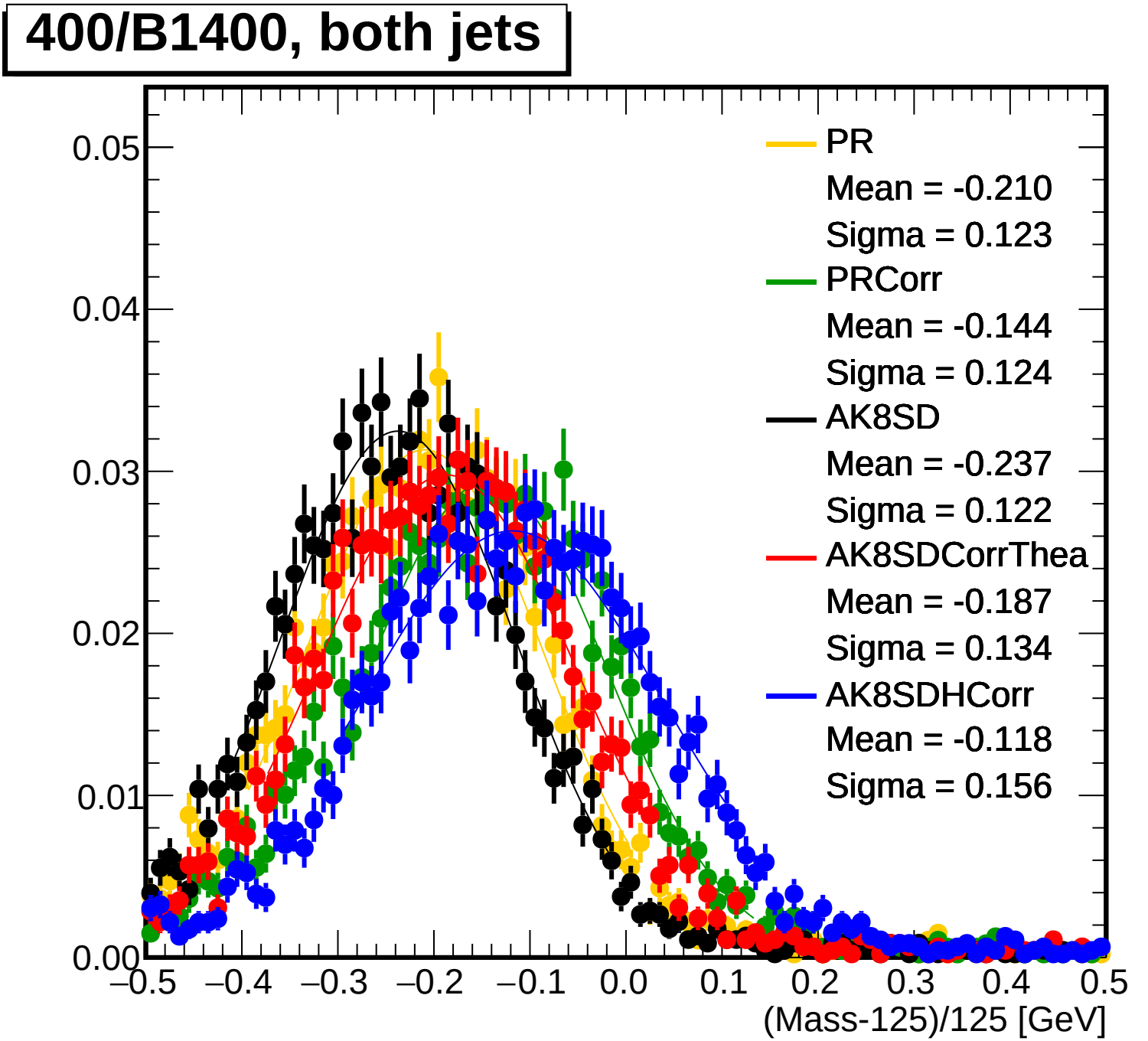

400/B1400, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

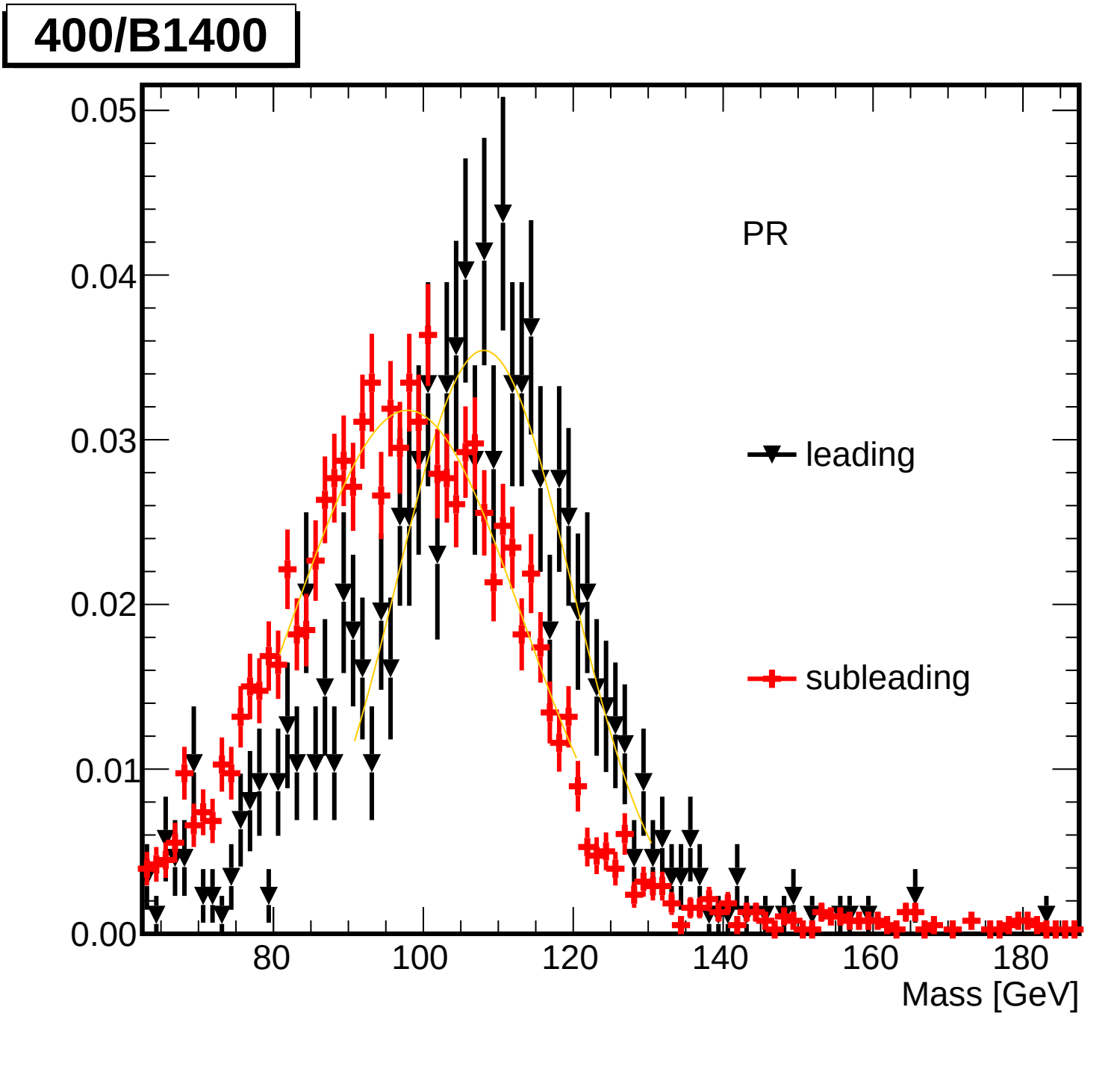

400/B1400, leading jet
PR
Mean = -0.141
Sigma = 0.100
PRCorr
Mean = -0.076
Sigma = 0.108
AK8SD
Mean = -0.177
Sigma = 0.108
AK8SDCorrThea
Mean = -0.128
Sigma = 0.119
AK8SDHCorr
Mean = -0.041
Sigma = 0.136
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

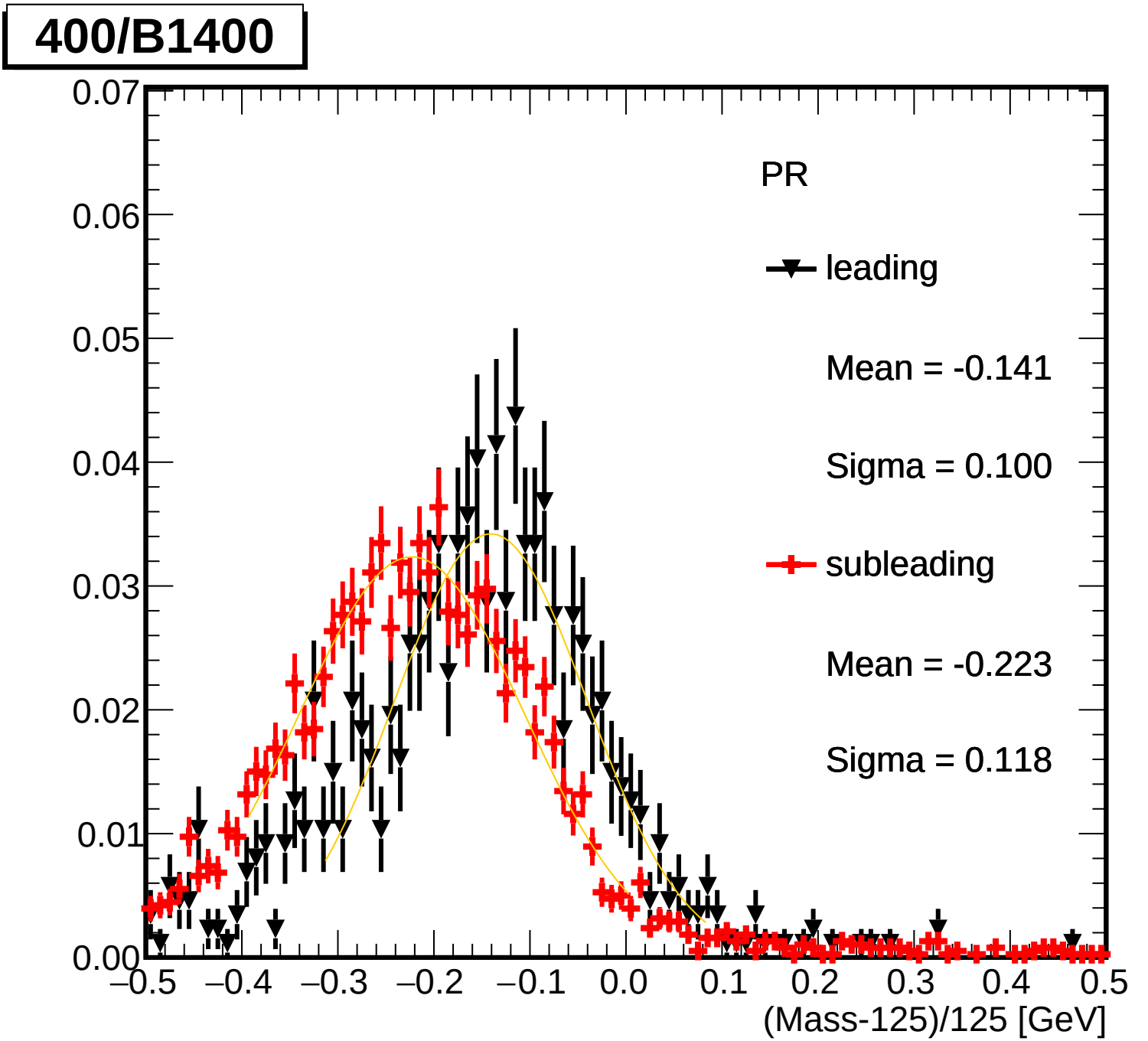

400/B1400, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

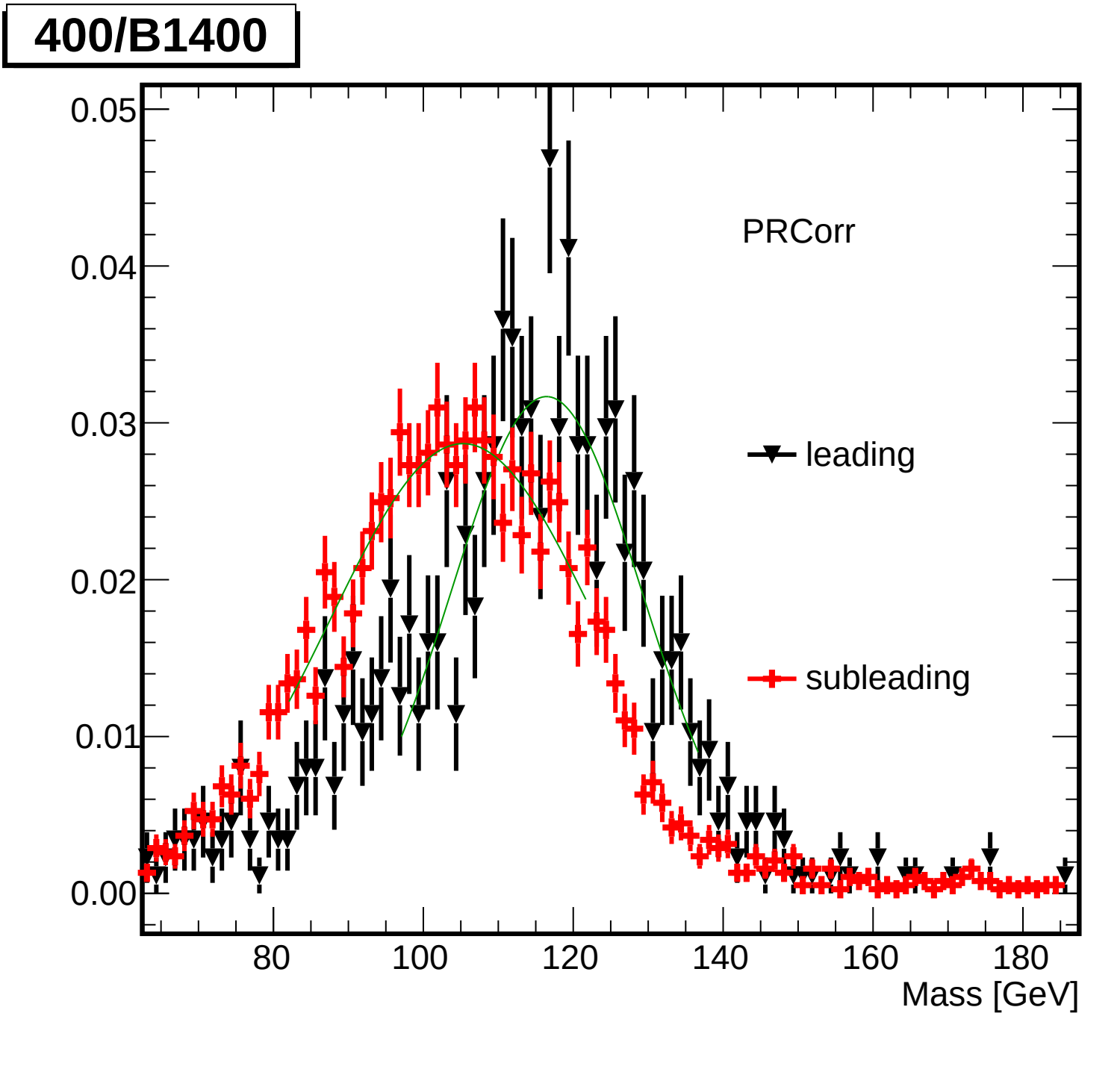

400/B1400, subleading jet
PR
Mean = -0.223
Sigma = 0.118
PRCorr
Mean = -0.160
Sigma = 0.137
AK8SD
Mean = -0.248
Sigma = 0.114
AK8SDCorrThea
Mean = -0.201
Sigma = 0.125
AK8SDHCorr
Mean = -0.128
Sigma = 0.141
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

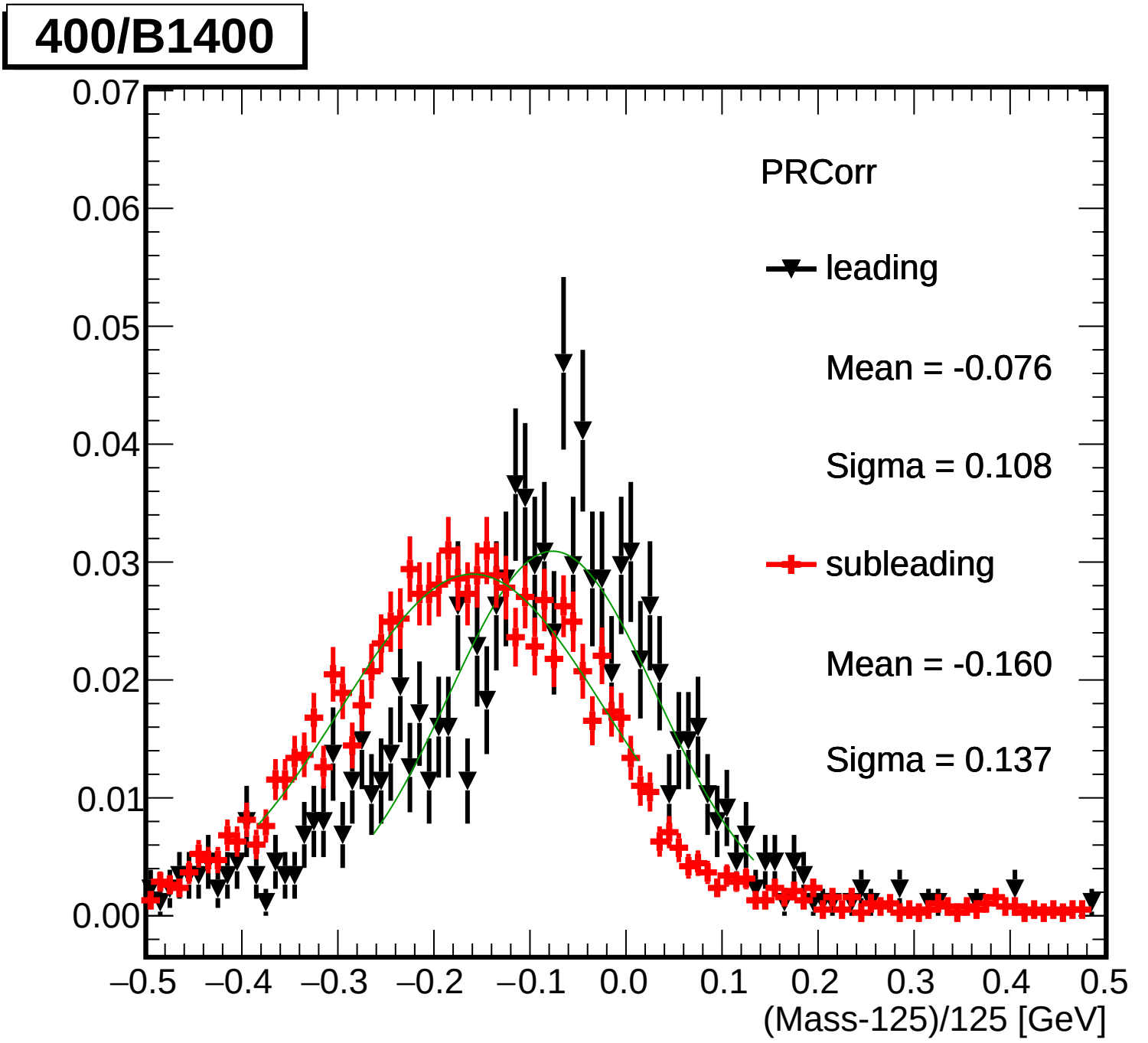

400/B1400, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
80
100
120
140
160
180
Mass [GeV]

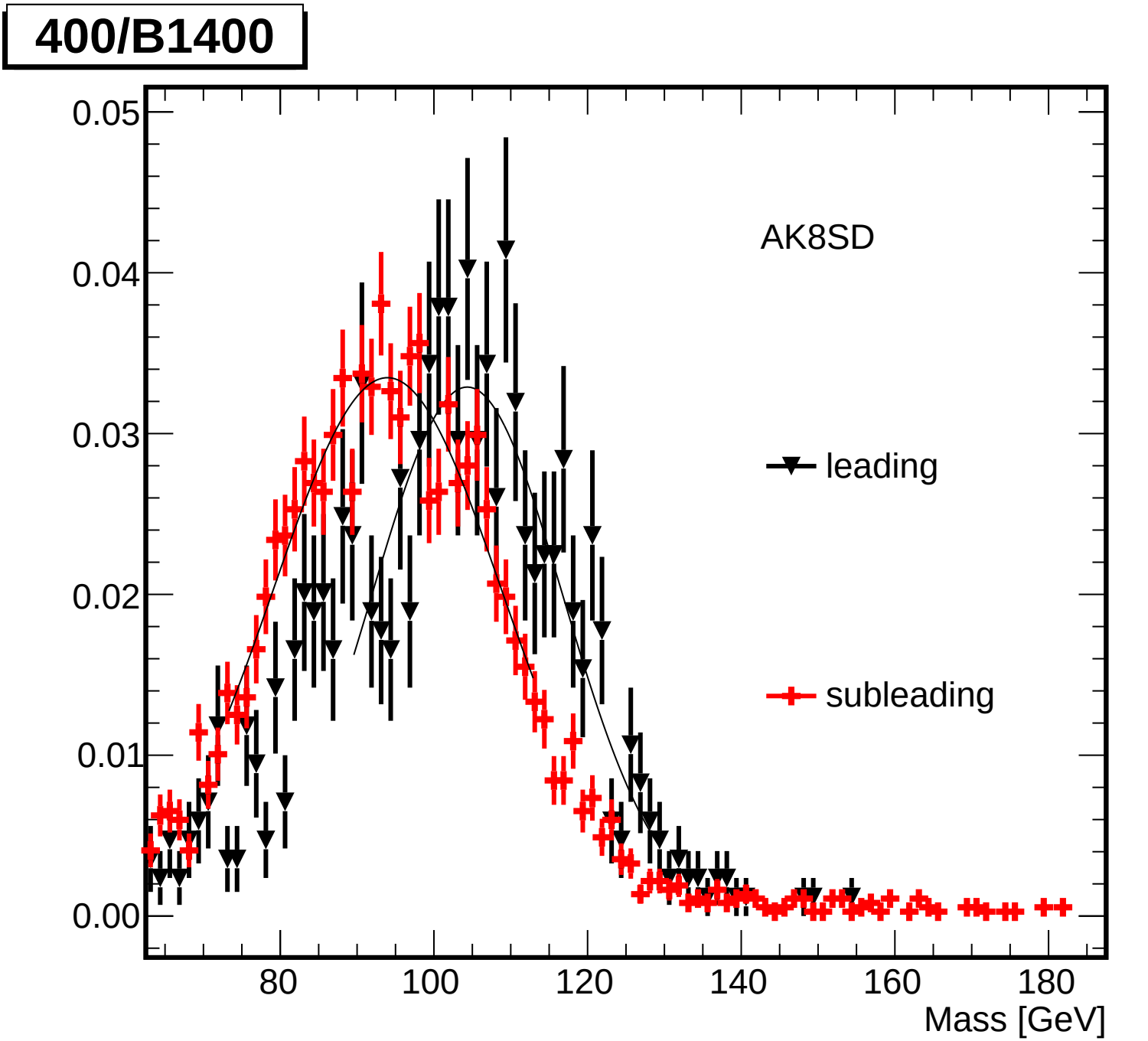

400/B1400, both jets
PR
Mean = -0.210
Sigma = 0.123
PRCorr
Mean = -0.144
Sigma = 0.124
AK8SD
Mean = -0.237
Sigma = 0.122
AK8SDCorrThea
Mean = -0.187
Sigma = 0.134
AK8SDHCorr
Mean = -0.118
Sigma = 0.156
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

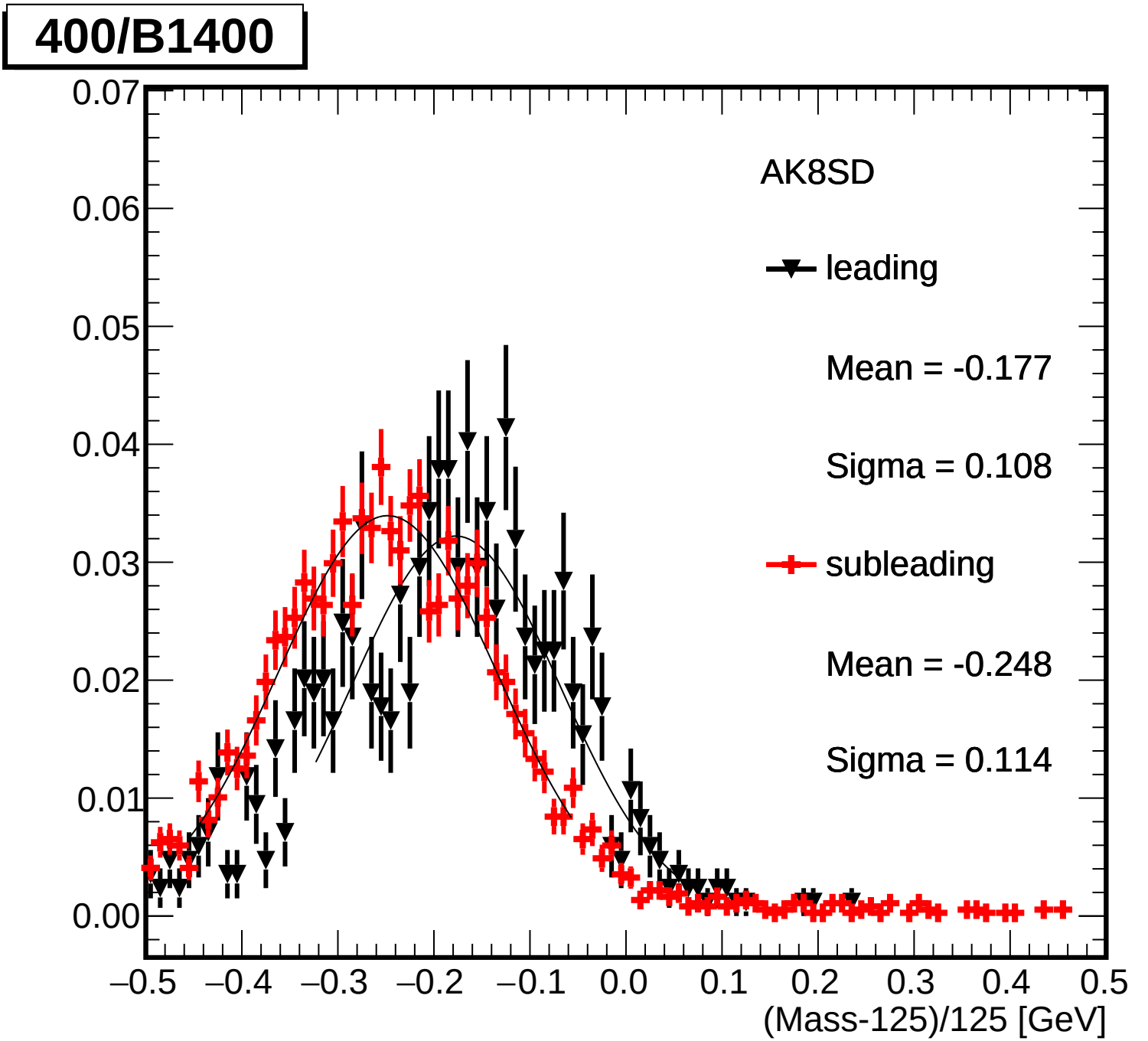

400/B1400
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

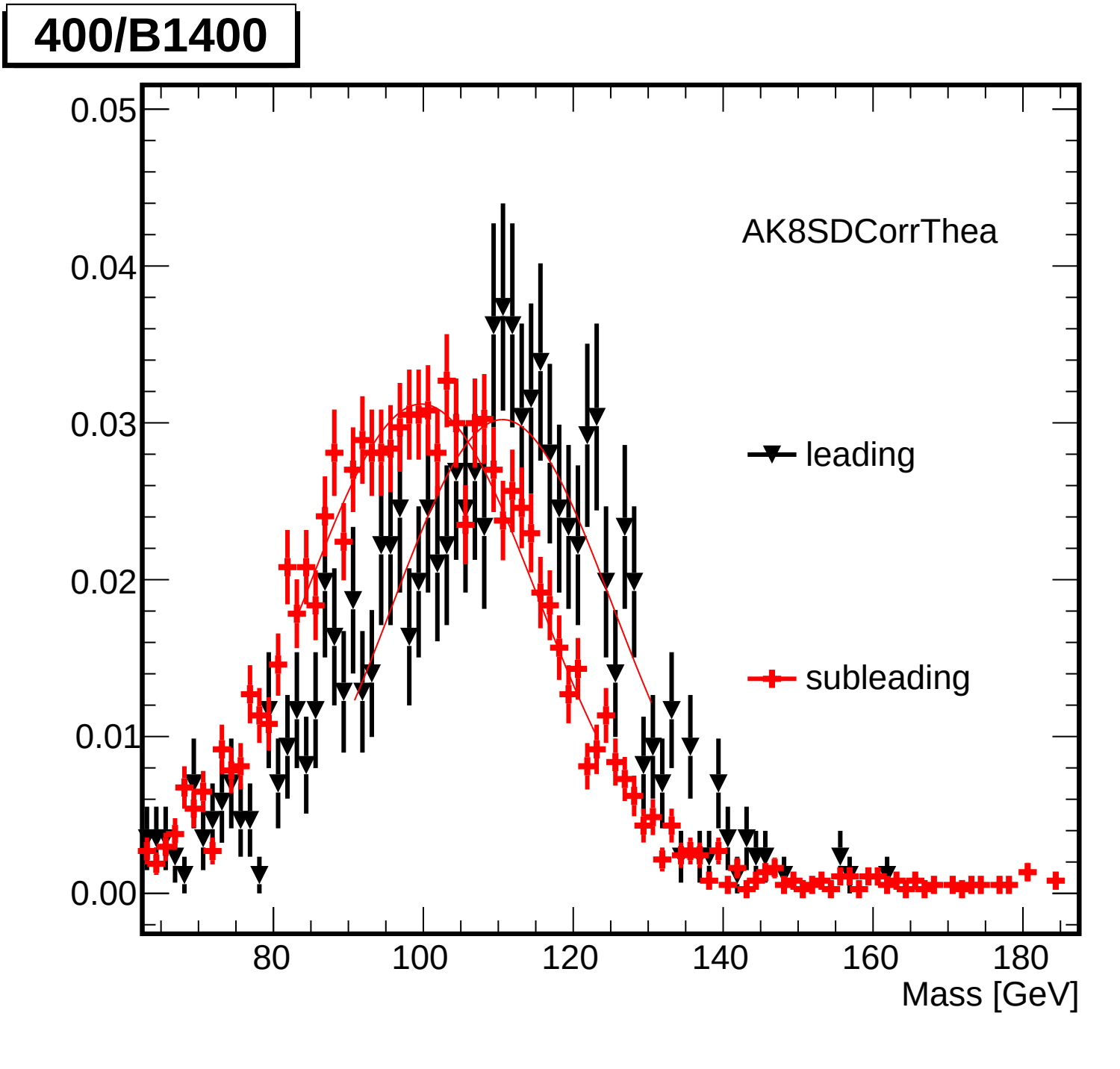

400/B1400
PR
leading
Mean = -0.141
Sigma = 0.100
subleading
Mean = -0.223
Sigma = 0.118
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

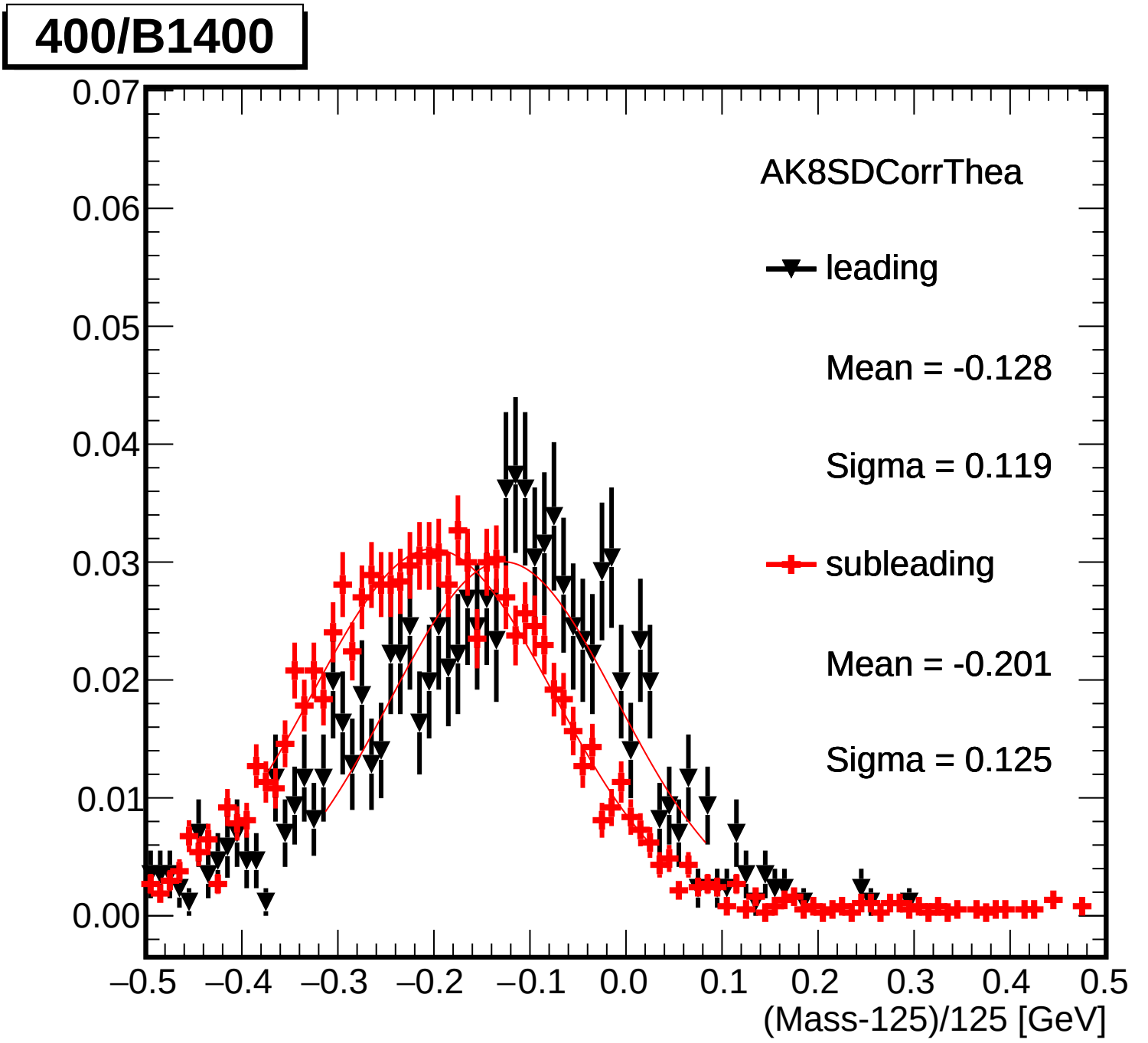

400/B1400
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

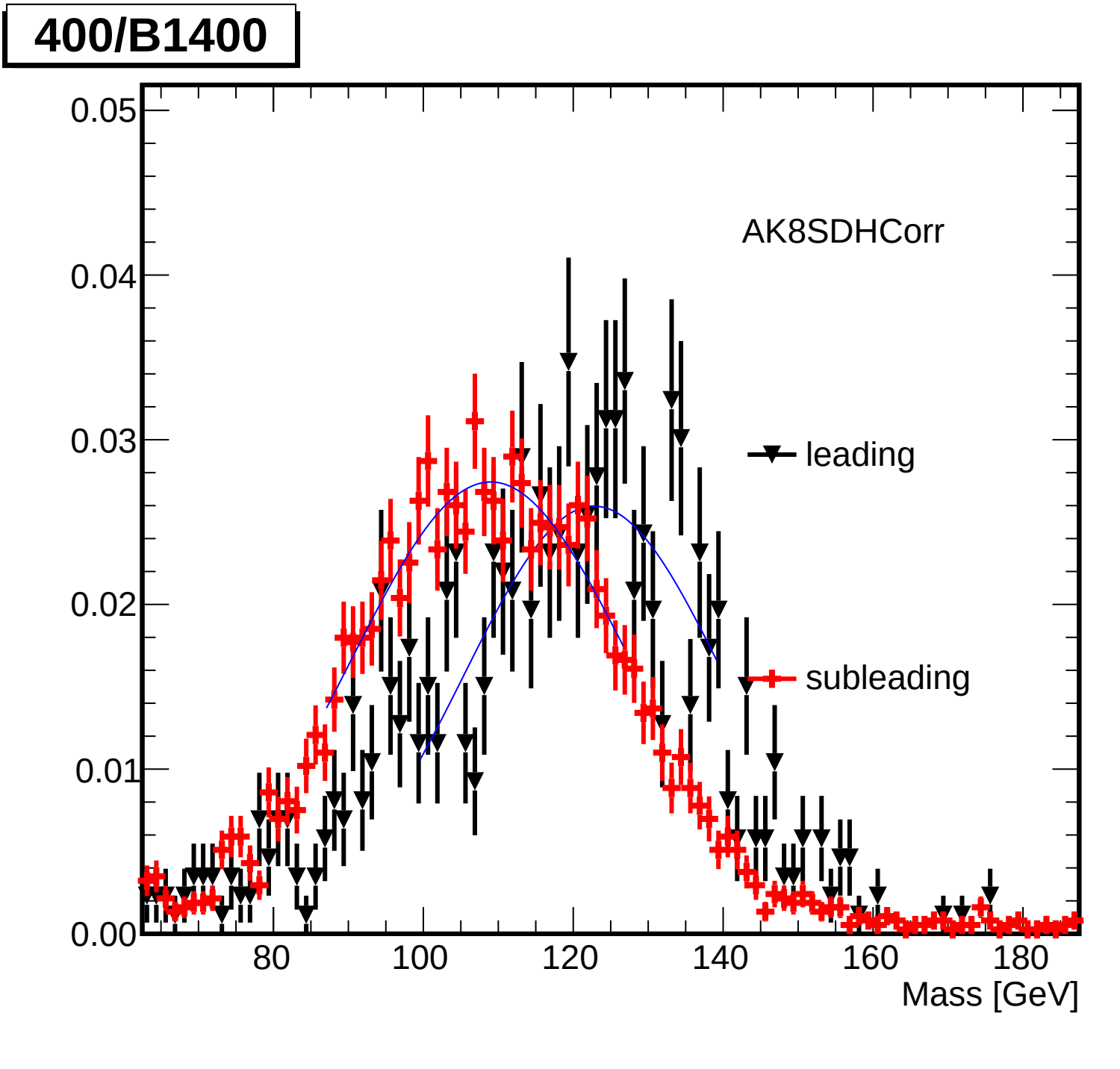

400/B1400
PRCorr
leading
Mean = -0.076
Sigma = 0.108
subleading
Mean = -0.160
Sigma = 0.137
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

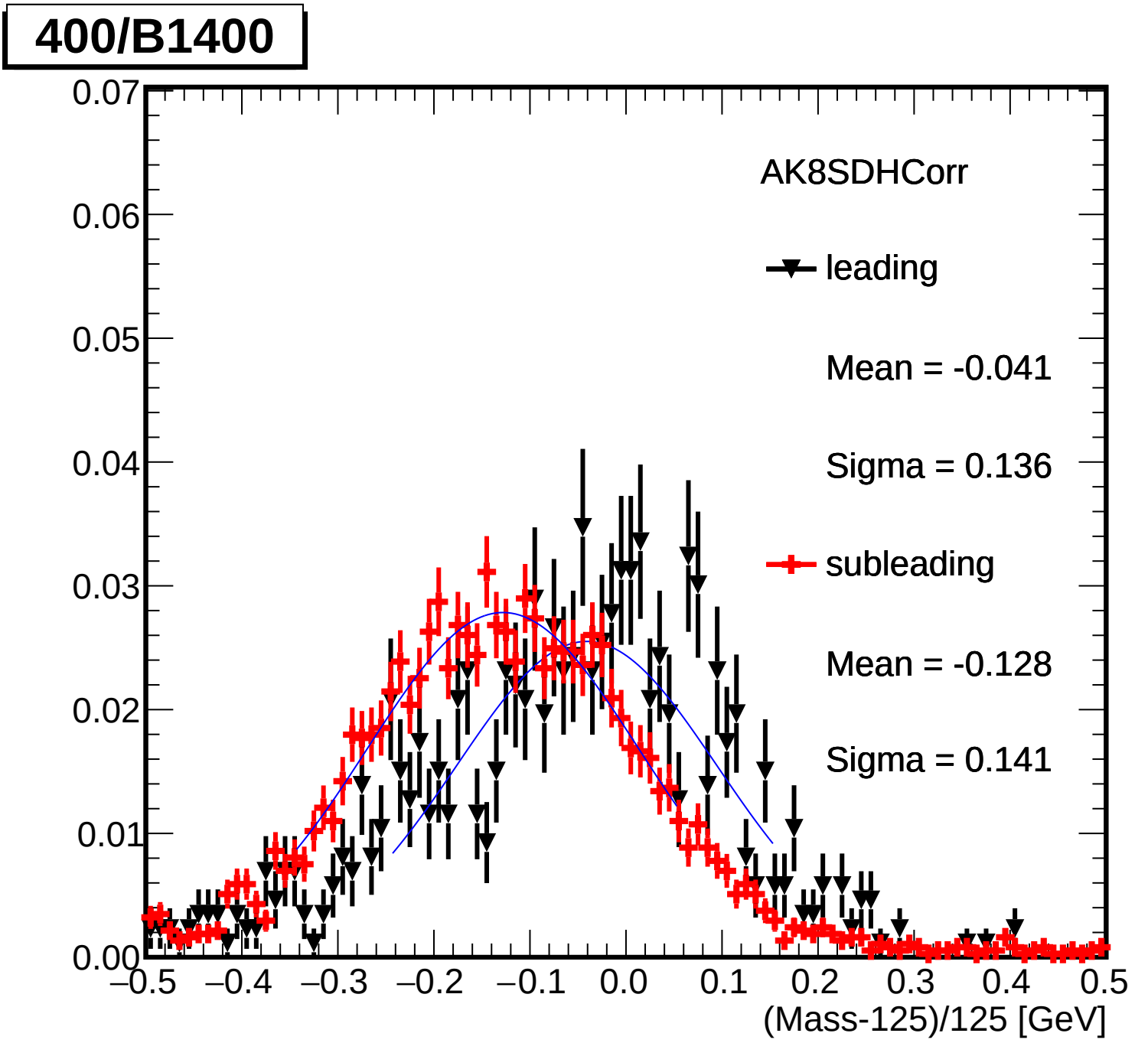

400/B1400
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SD
leading
subleading


400/B1400
AK8SD
leading
Mean = -0.177
Sigma = 0.108
subleading
Mean = -0.248
Sigma = 0.114
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/B1400
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


400/B1400
AK8SDCorrThea
leading
Mean = -0.128
Sigma = 0.119
subleading
Mean = -0.201
Sigma = 0.125
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/B1400
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDHCorr
leading
subleading


400/B1400
AK8SDHCorr
leading
Mean = -0.041
Sigma = 0.136
subleading
Mean = -0.128
Sigma = 0.141
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]