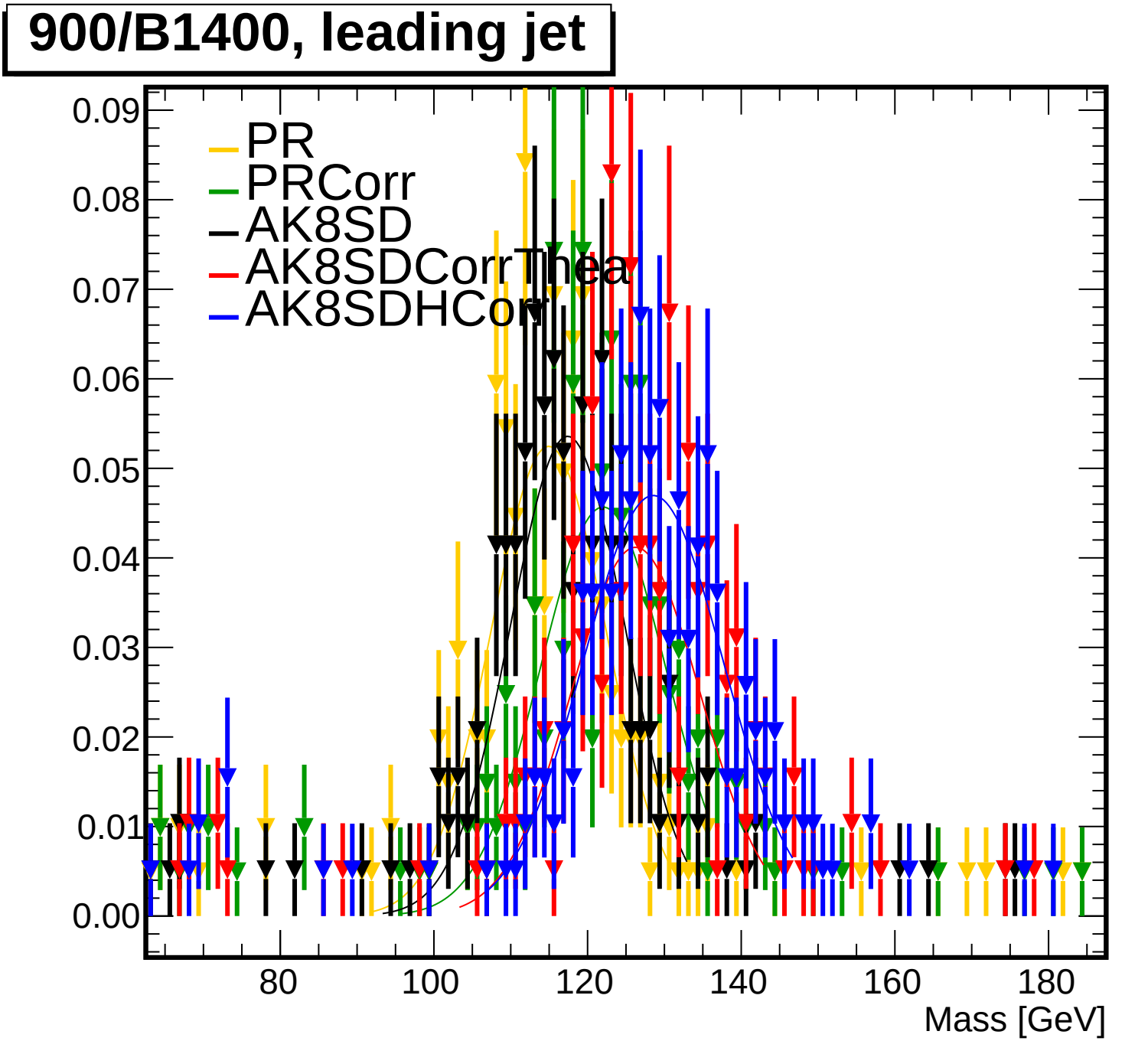
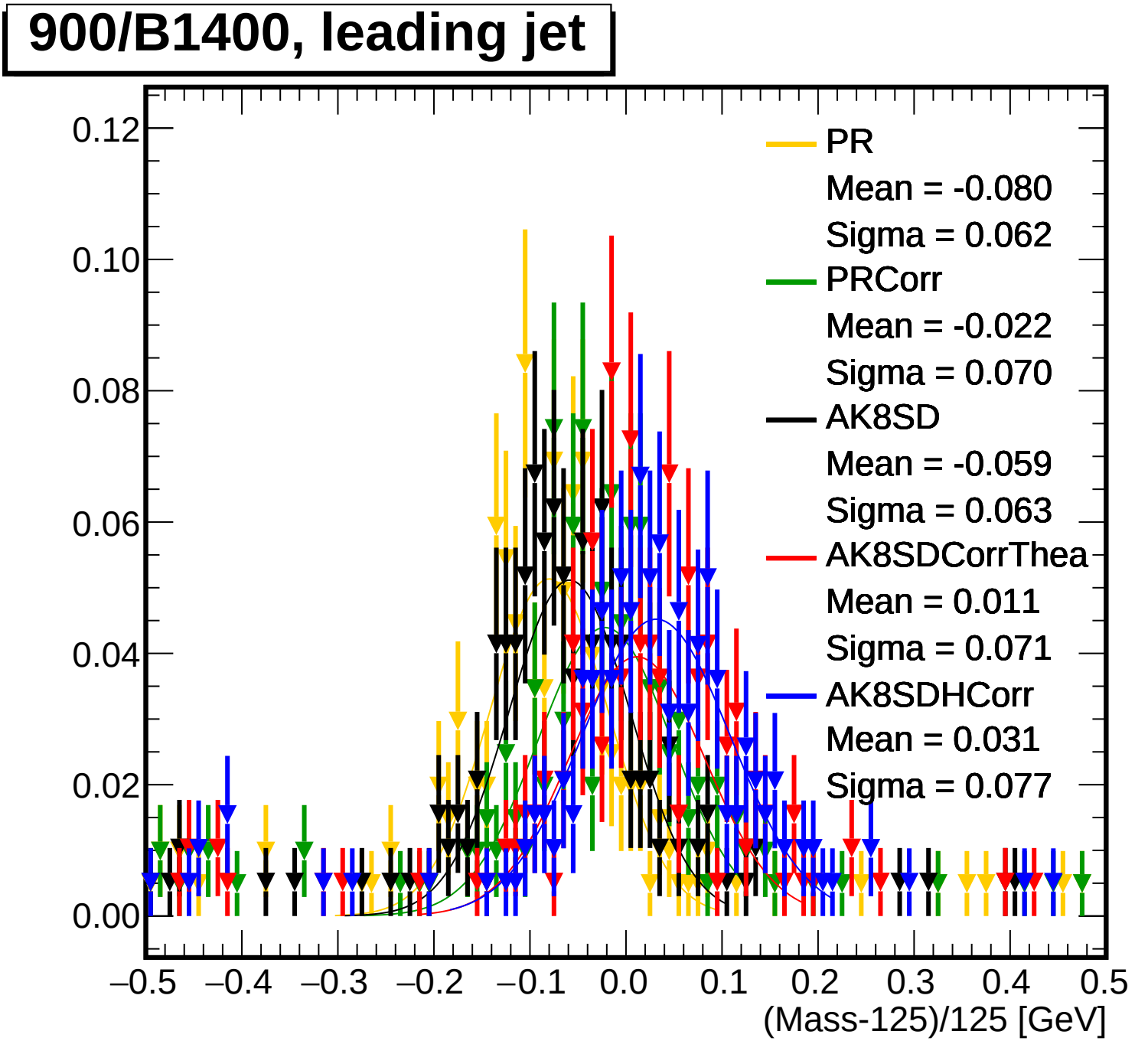
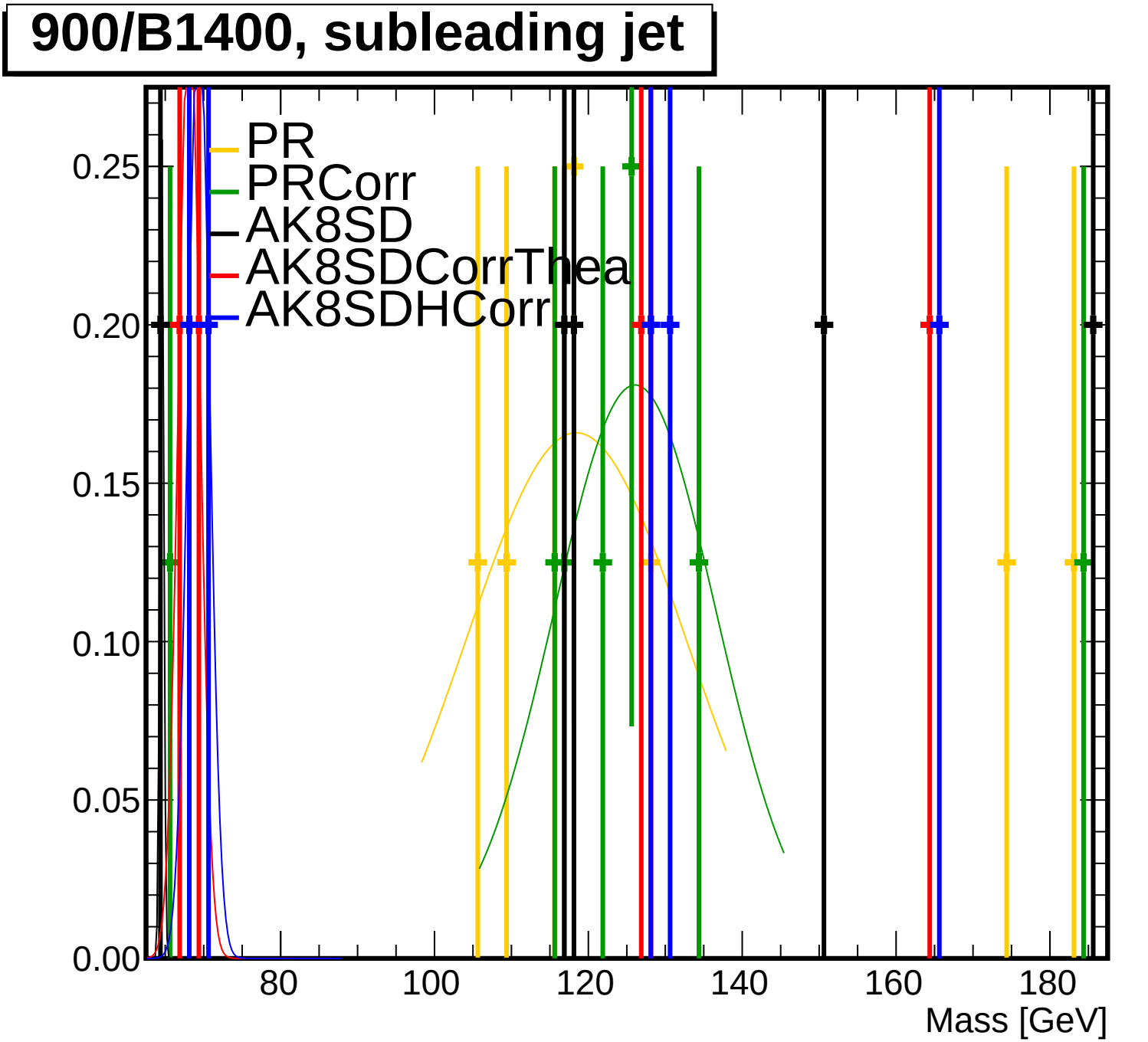
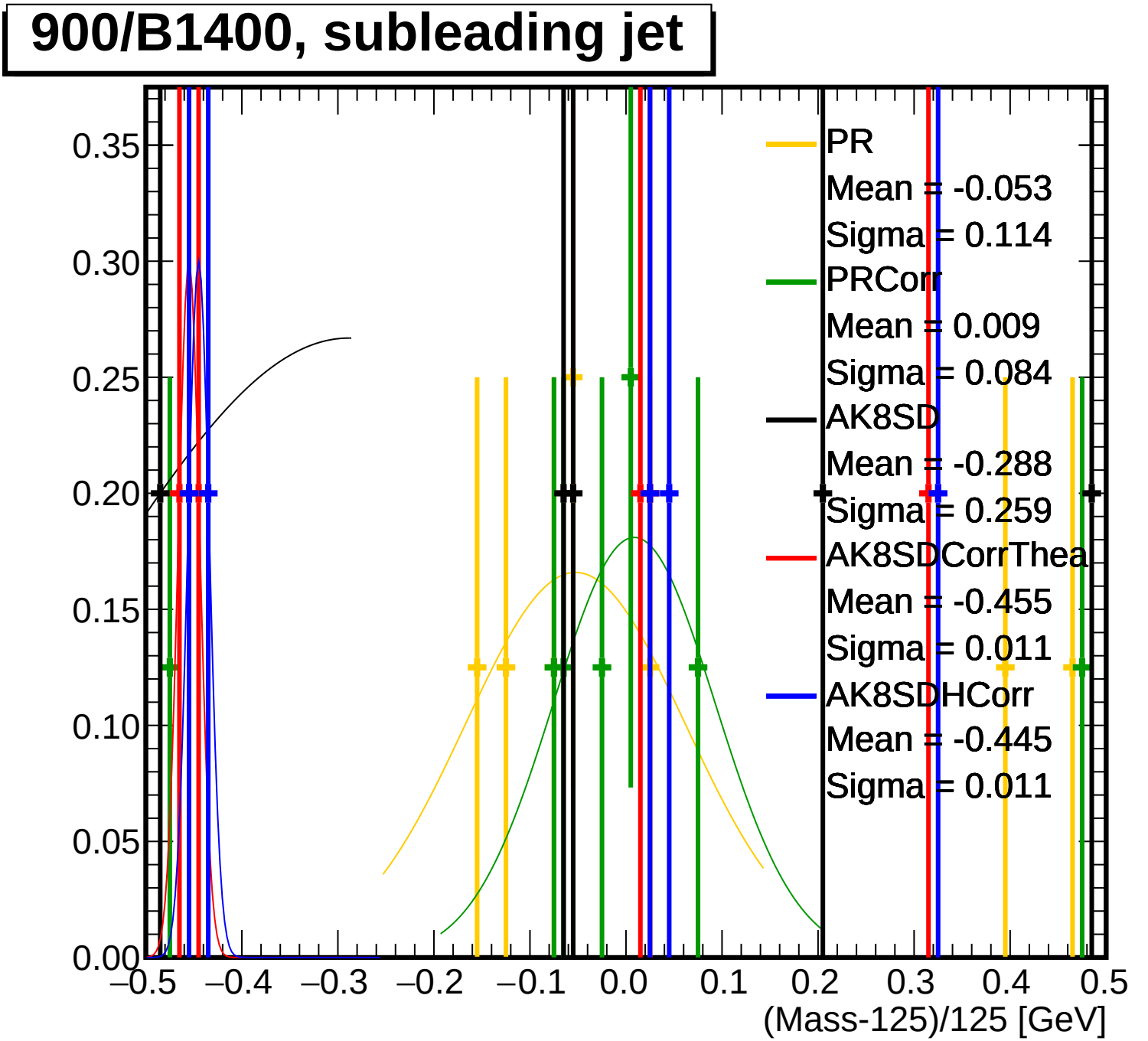
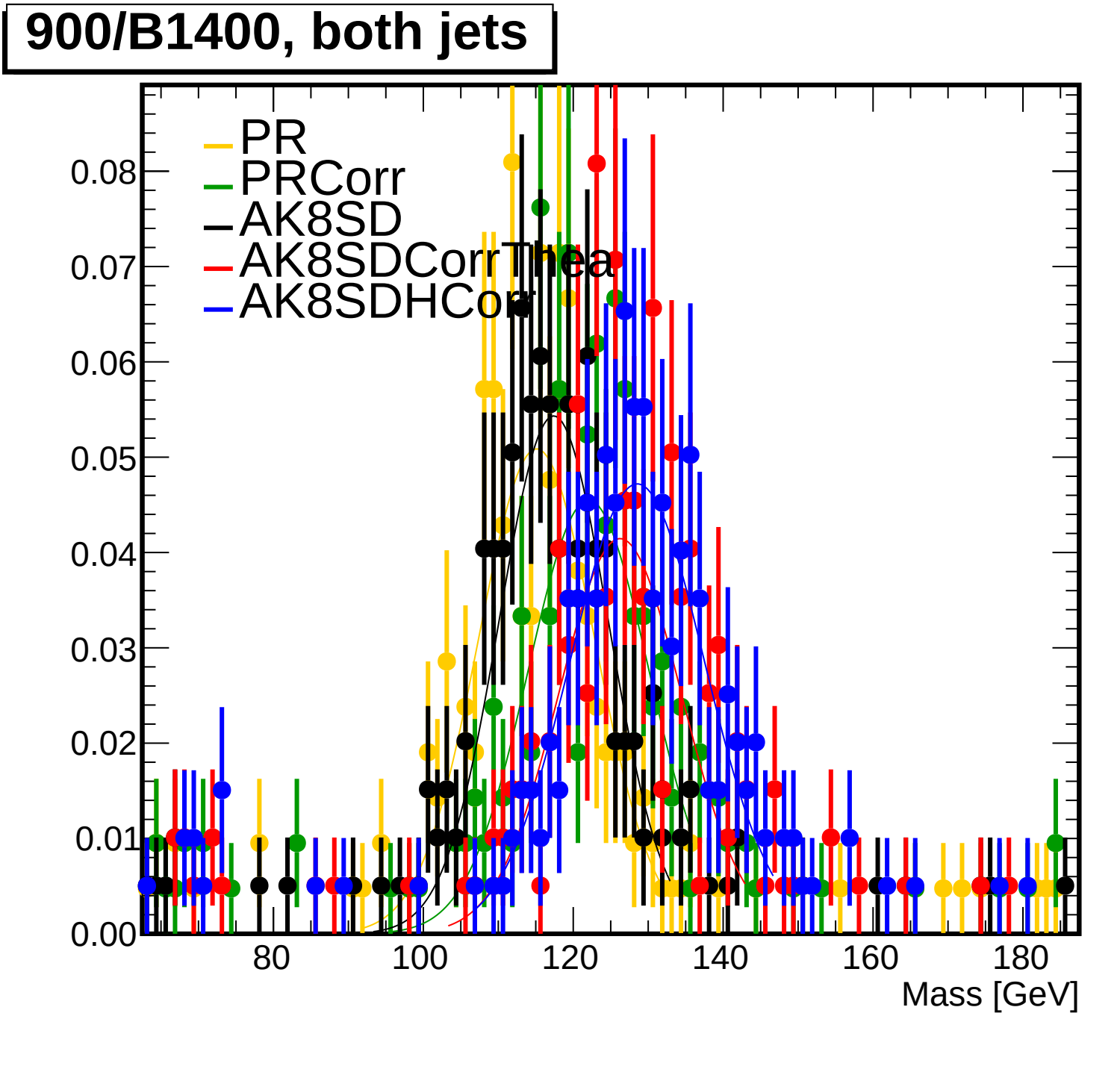
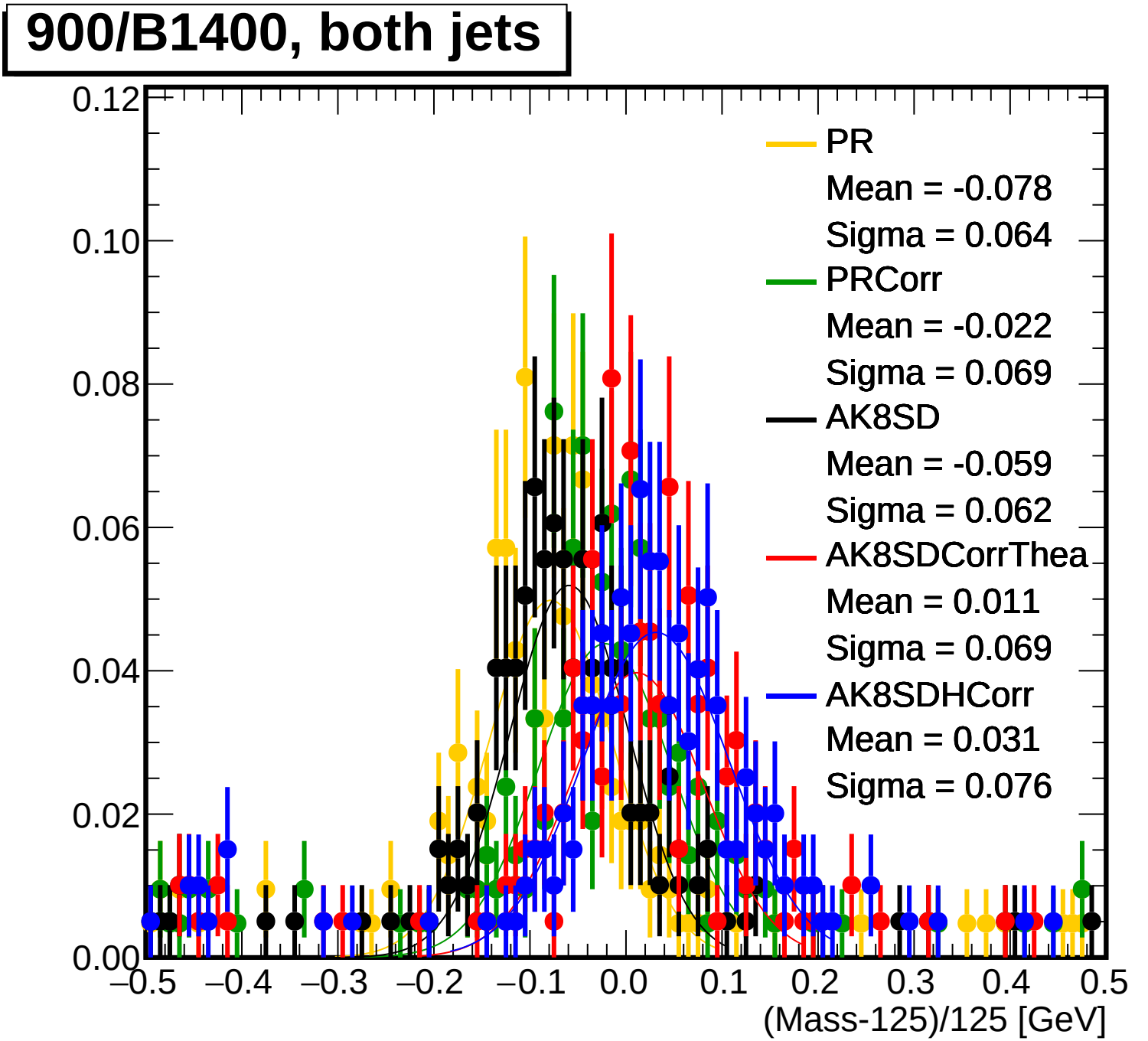

900/B1400, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

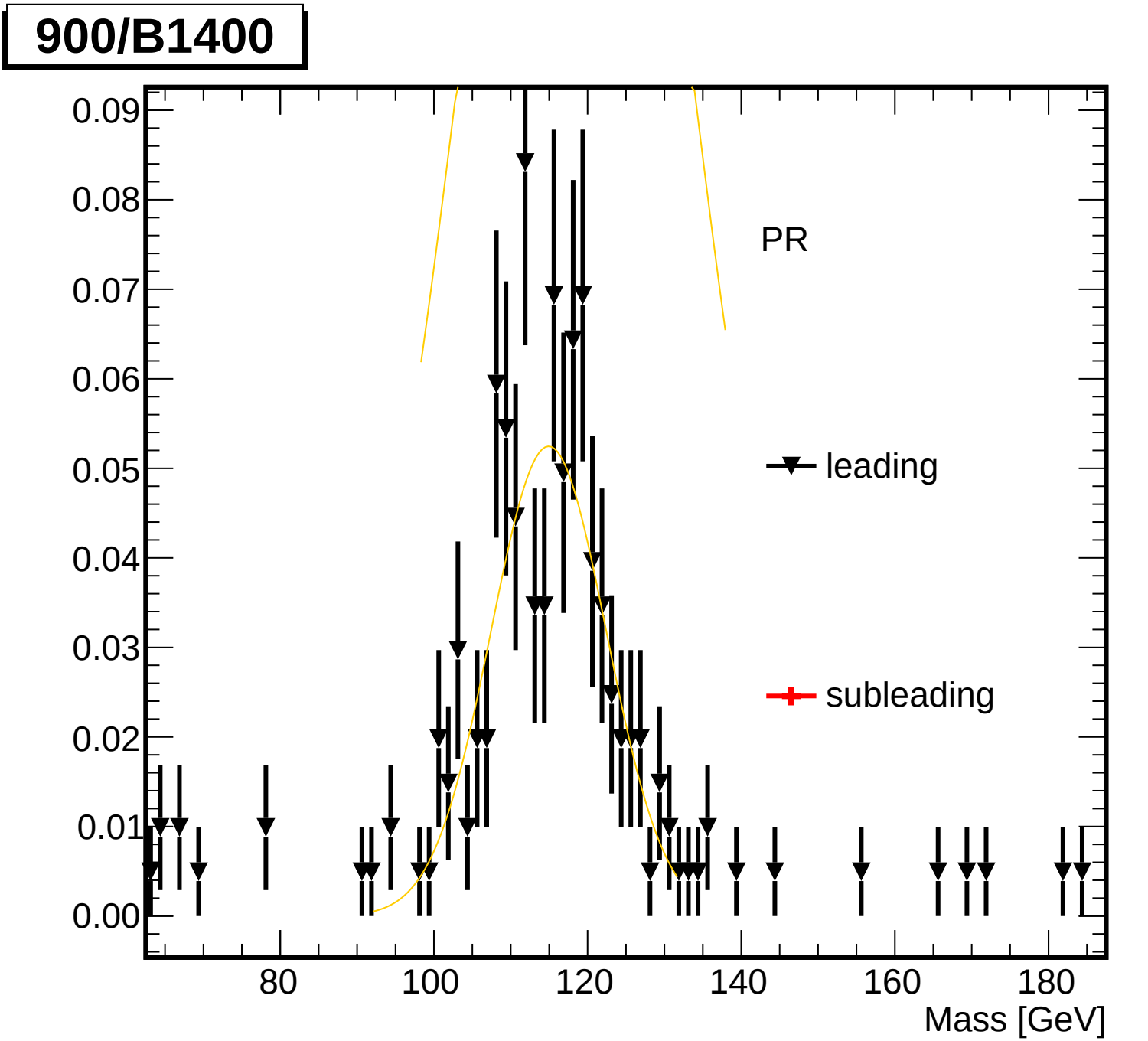

900/B1400, leading jet
0.12
0.10
0.08
0.06
0.04
0.02
0.00
PR
Mean = -0.080
Sigma = 0.062
PRCorr
Mean = -0.022
Sigma = 0.070
AK8SD
Mean = -0.059
Sigma = 0.063
AK8SDCorrThea
Mean = 0.011
Sigma = 0.071
AK8SDHCorr
Mean = 0.031
Sigma = 0.077
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

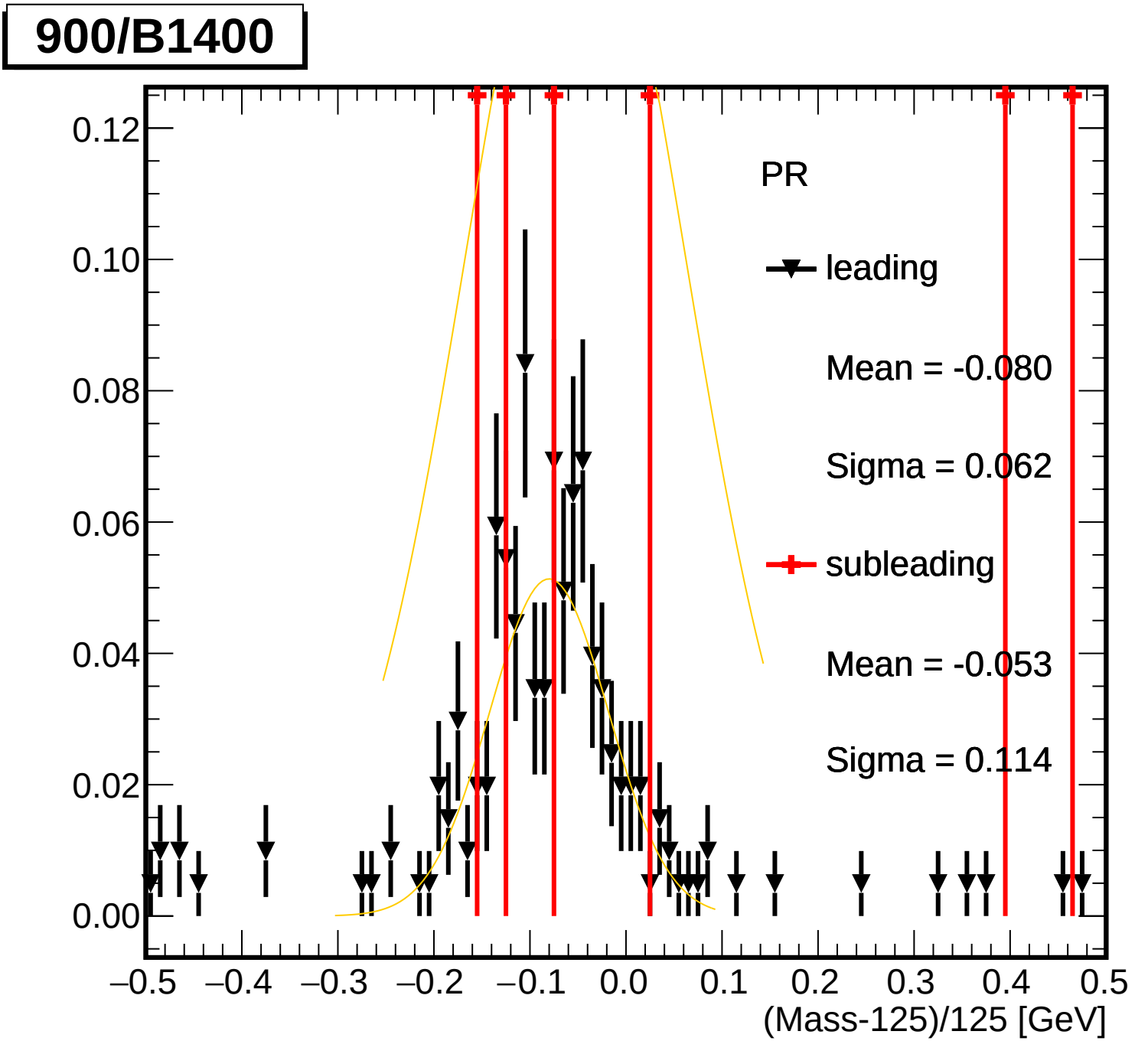

900/B1400, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

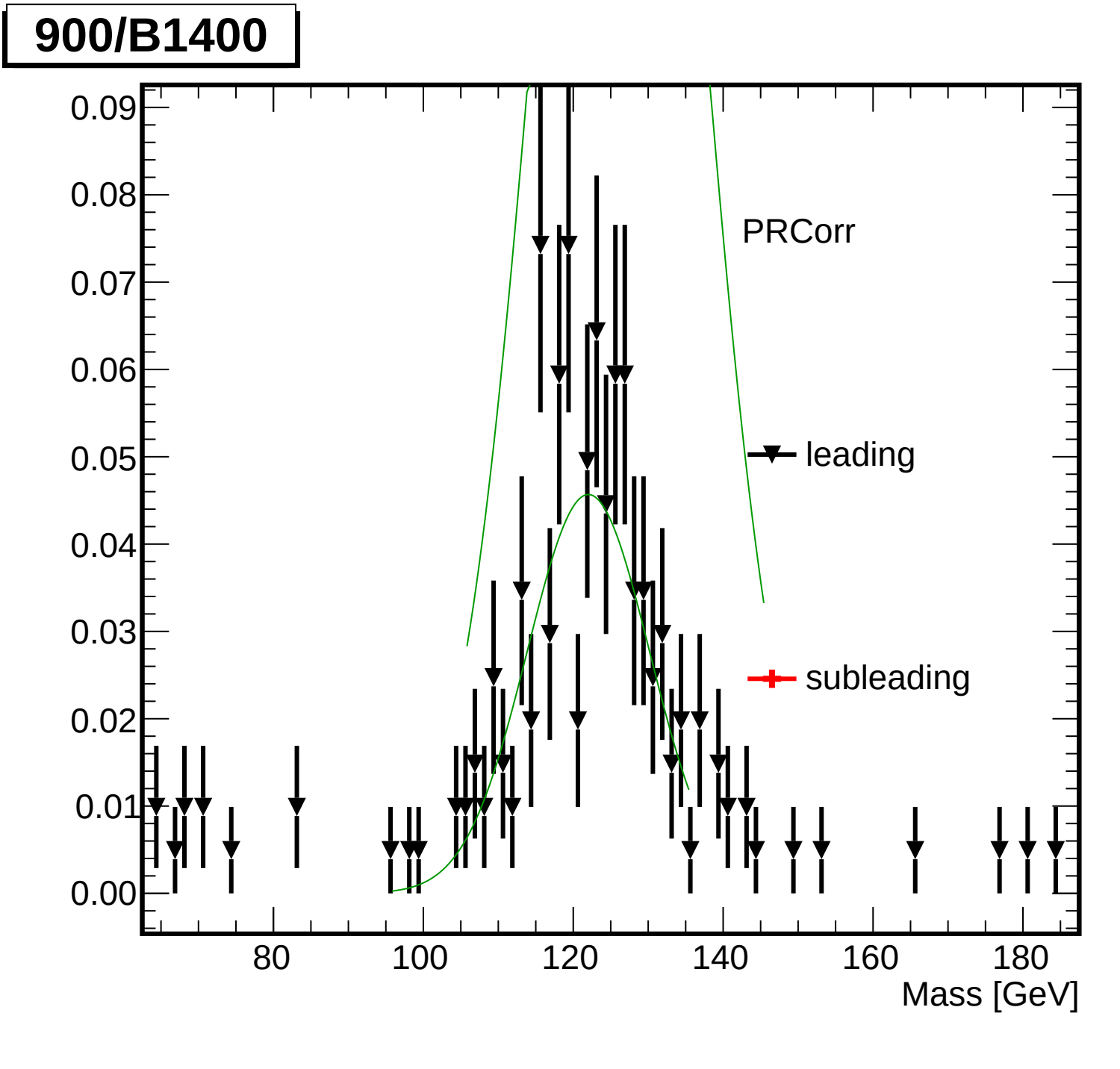

900/B1400, subleading jet
PR
Mean = -0.053
Sigma = 0.114
PRCorr
Mean = 0.009
Sigma = 0.084
AK8SD
Mean = -0.288
Sigma = 0.259
AK8SDCorrThea
Mean = -0.455
Sigma = 0.011
AK8SDHCorr
Mean = -0.445
Sigma = 0.011
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

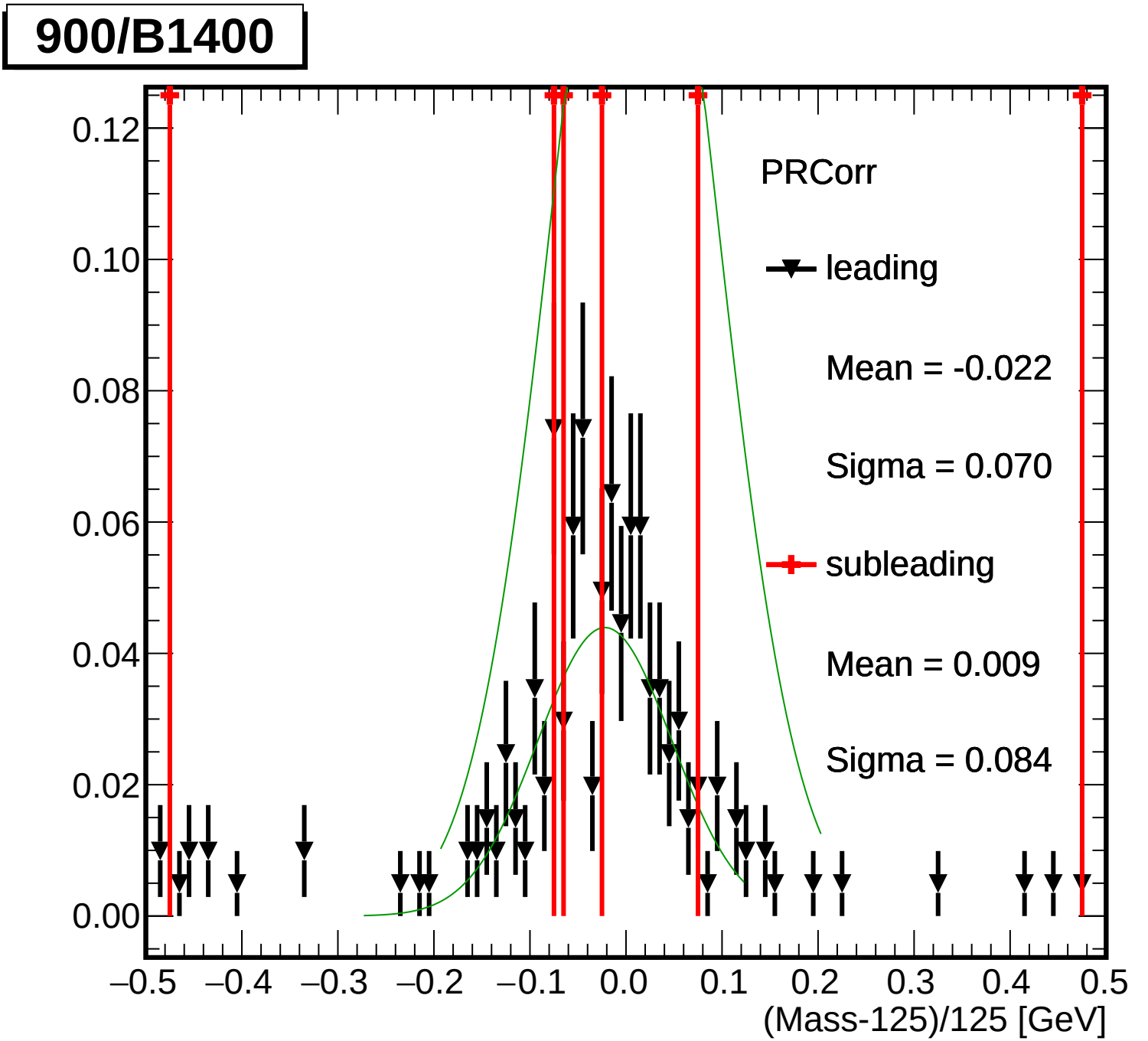

900/B1400, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCor
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

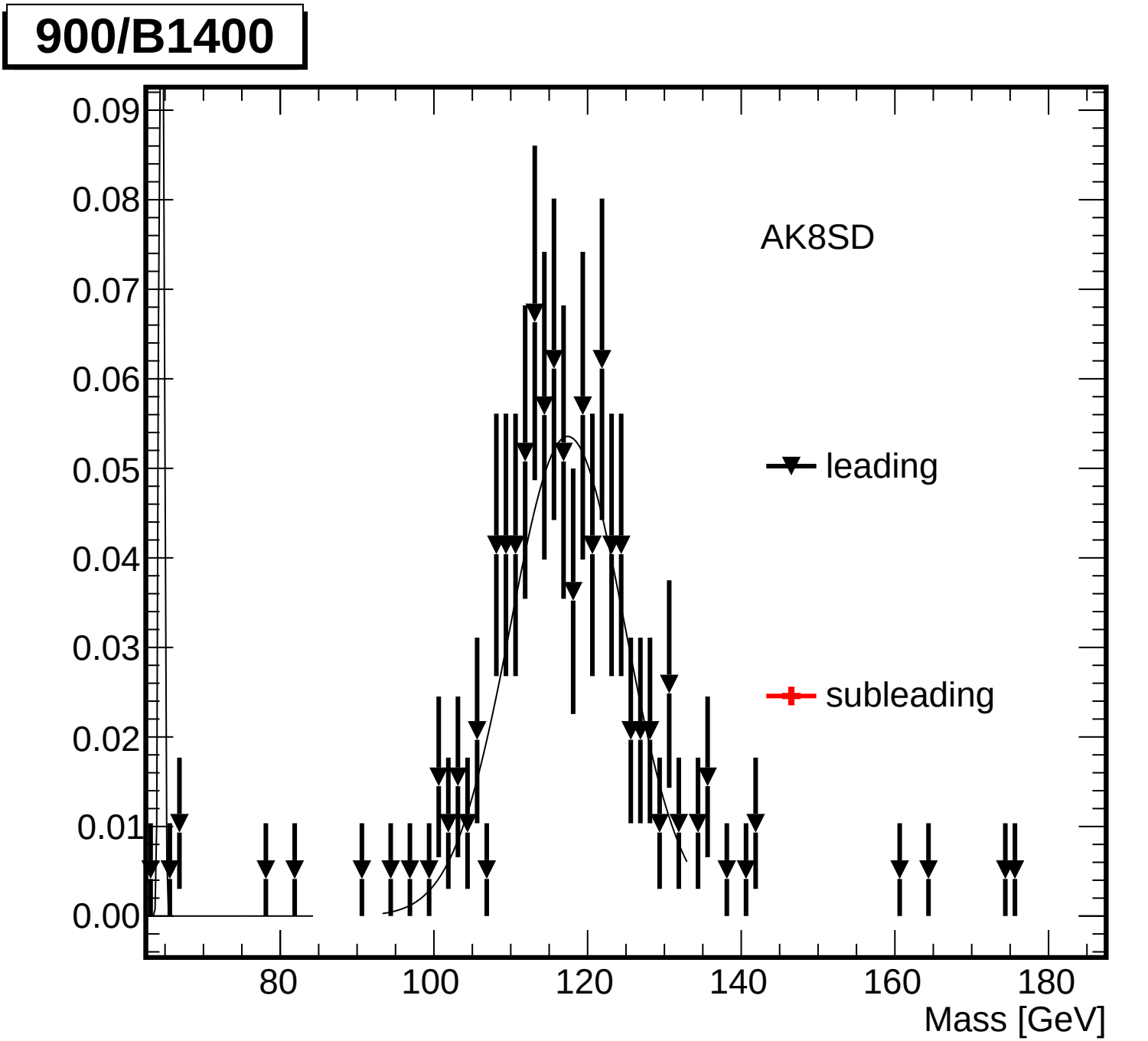

900/B1400, both jets
PR
Mean = -0.078
Sigma = 0.064
PRCorr
Mean = -0.022
Sigma = 0.069
AK8SD
Mean = -0.059
Sigma = 0.062
AK8SDCorrThea
Mean = 0.011
Sigma = 0.069
AK8SDHCorr
Mean = 0.031
Sigma = 0.076
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

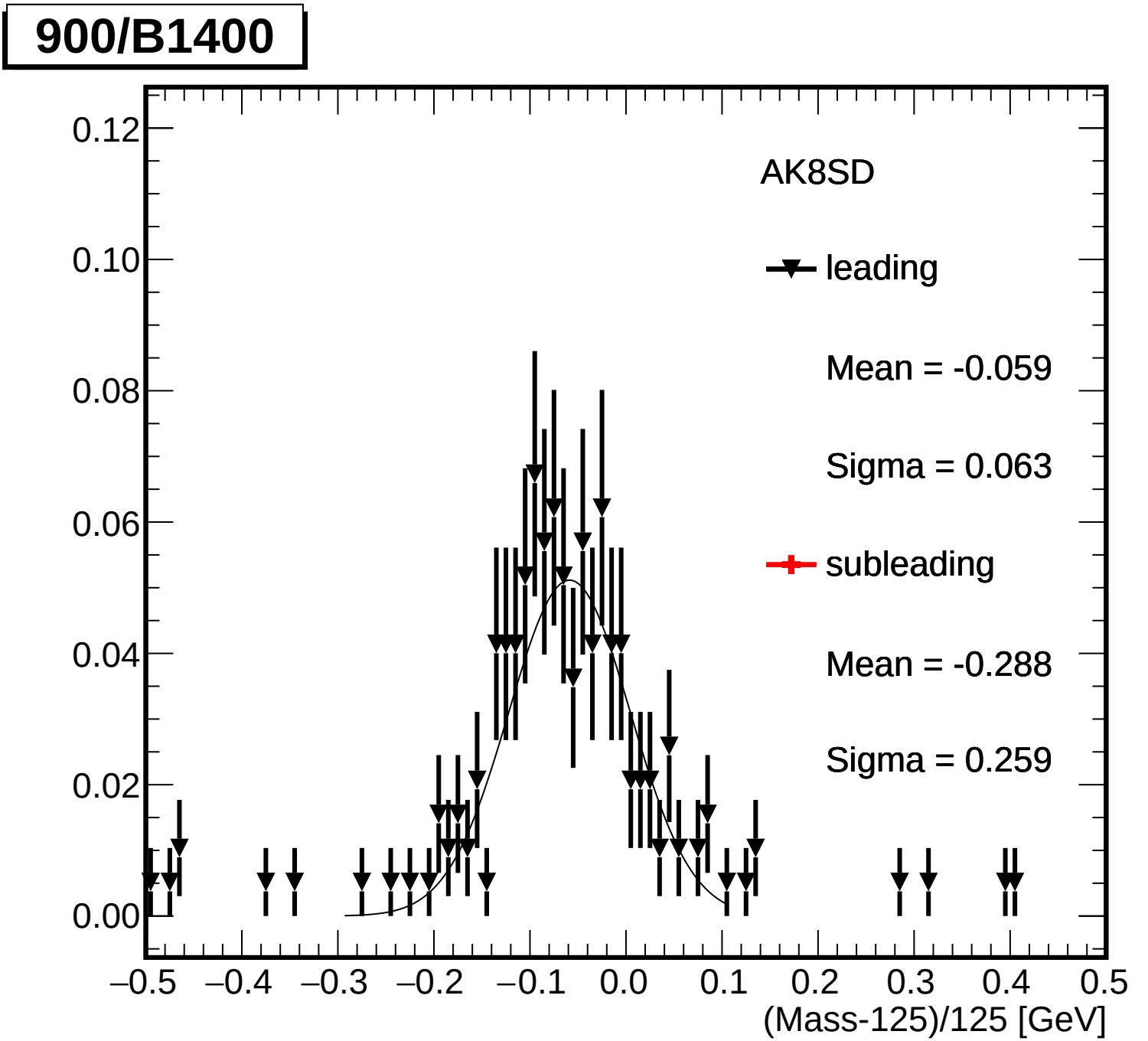

900/B1400
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

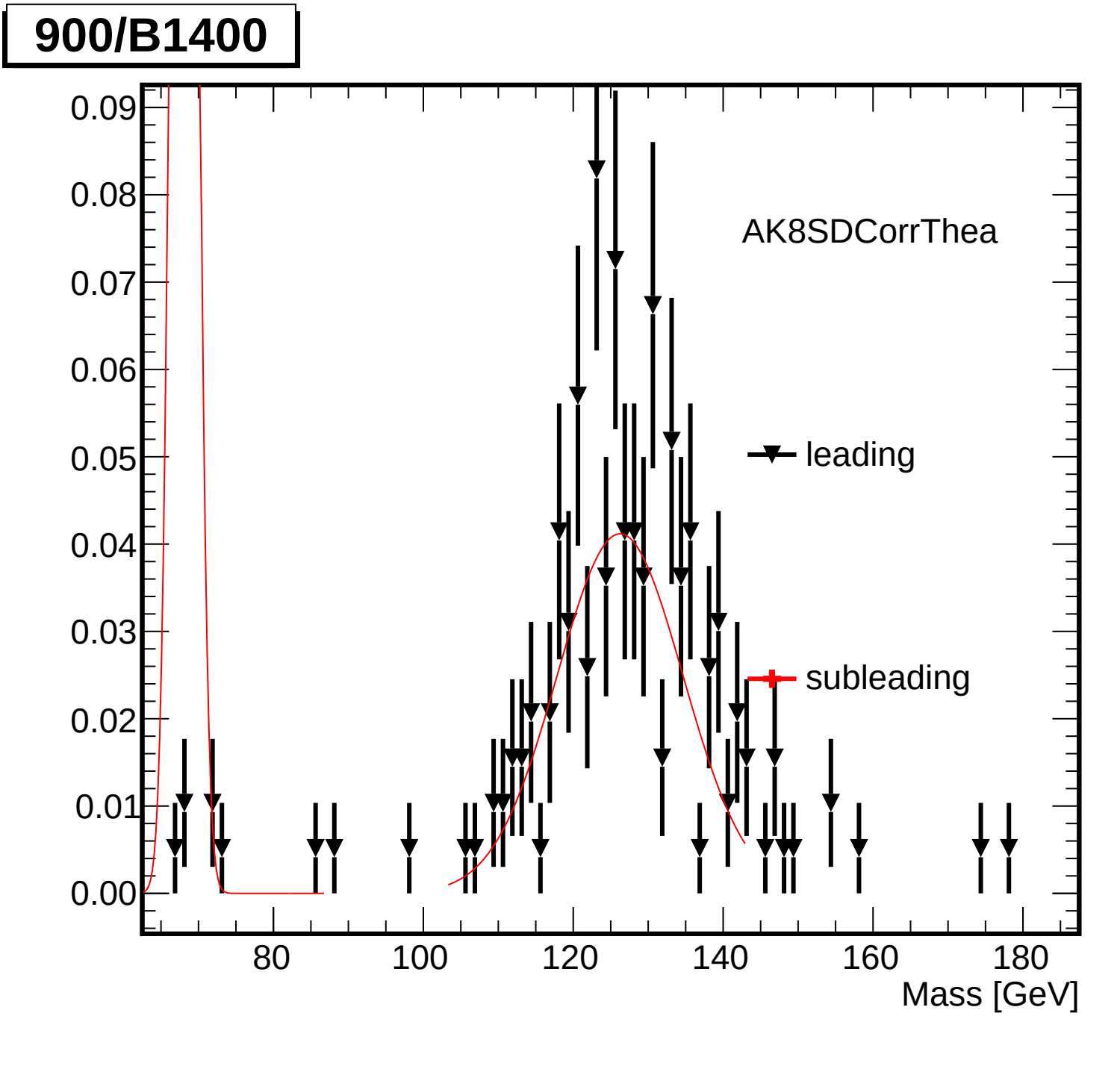

900/B1400
PR
leading
Mean = -0.080
Sigma = 0.062
subleading
Mean = -0.053
Sigma = 0.114
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

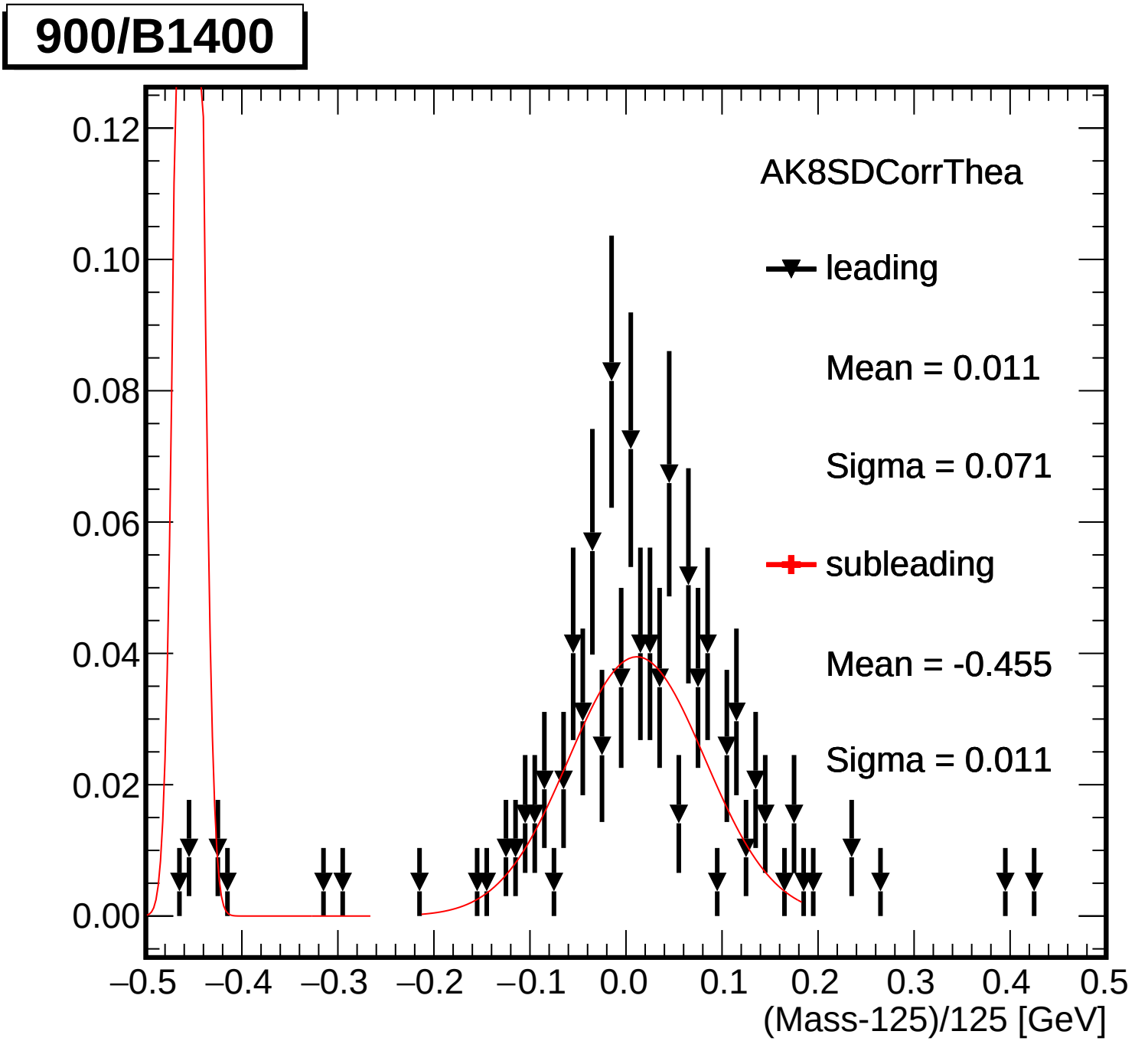

900/B1400
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

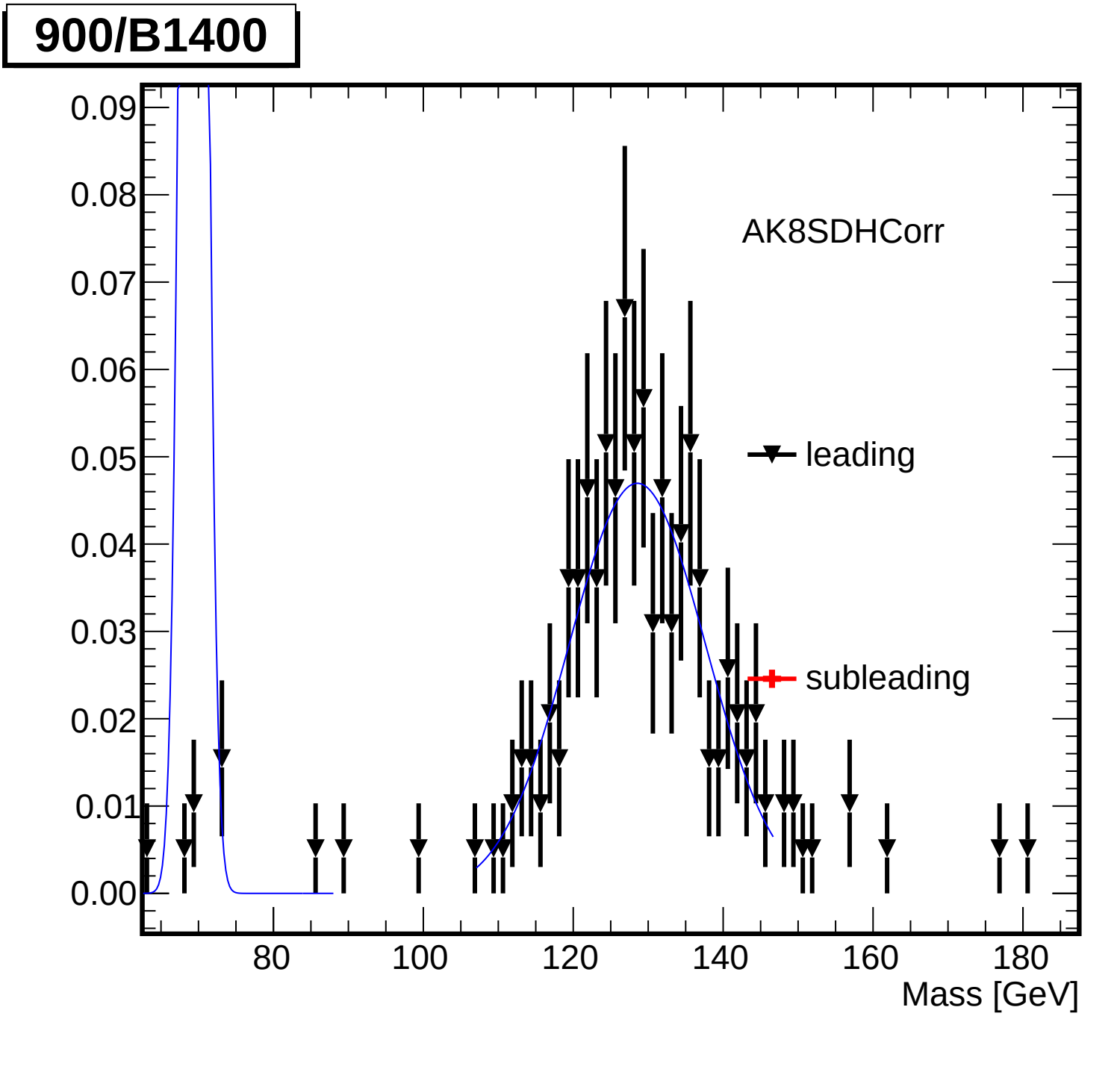

900/B1400
PRCorr
leading
Mean = -0.022
Sigma = 0.070
subleading
Mean = 0.009
Sigma = 0.084
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

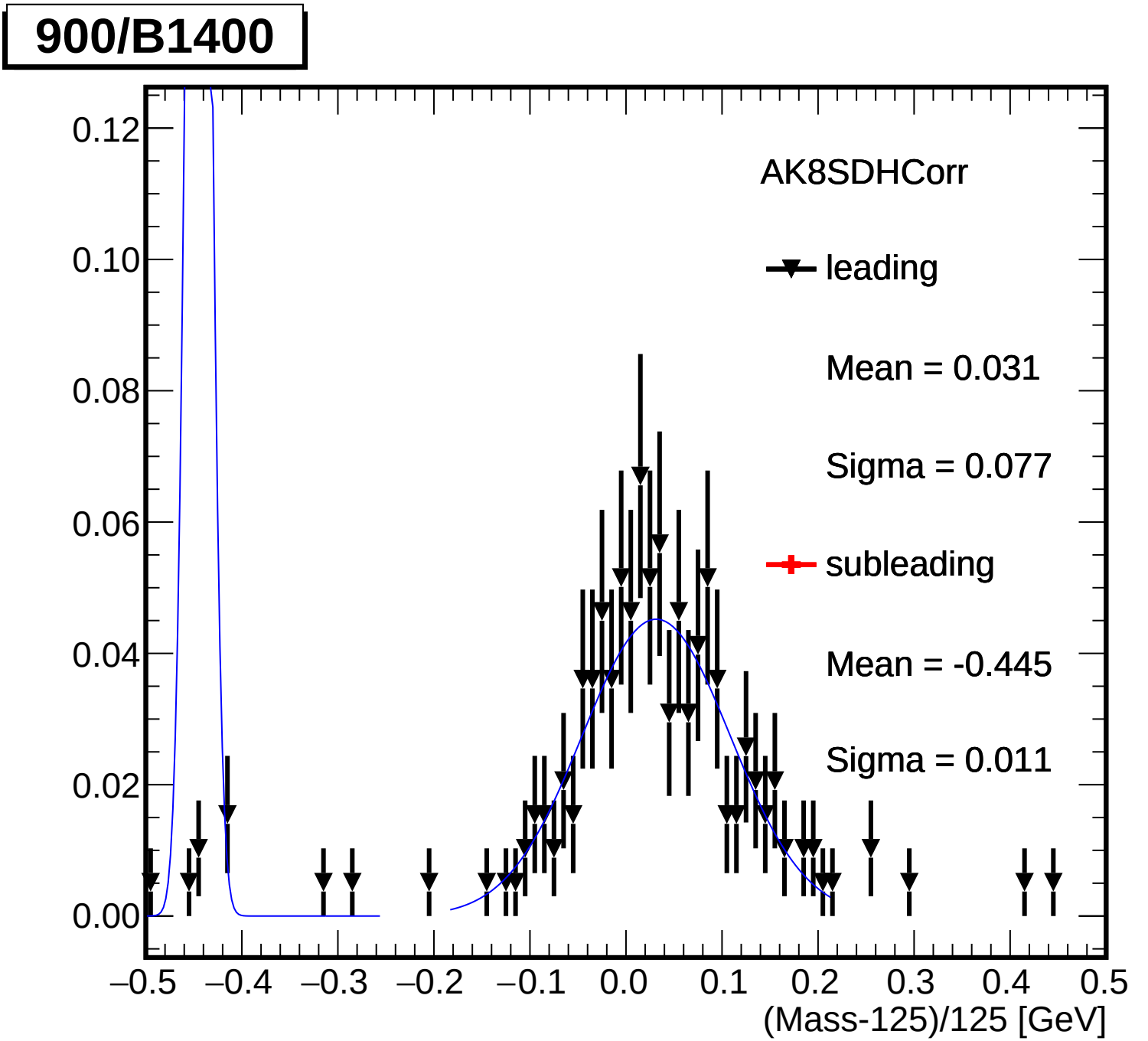

900/B1400
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
AK8SD
leading
subleading
80
100
120
140
160
180
Mass [GeV]


900/B1400
AK8SD
leading
Mean = -0.059
Sigma = 0.063
subleading
Mean = -0.288
Sigma = 0.259
0.12
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]


900/B1400
AK8SDCorrThea
leading
subleading
0.09
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]


900/B1400
AK8SDCorrThea
leading
Mean = 0.011
Sigma = 0.071
subleading
Mean = -0.455
Sigma = 0.011
0.12
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]


900/B1400
AK8SDHCorr
leading
subleading
0.09
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]


900/B1400
AK8SDHCorr
leading
Mean = 0.031
Sigma = 0.077
subleading
Mean = -0.445
Sigma = 0.011
0.12
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]