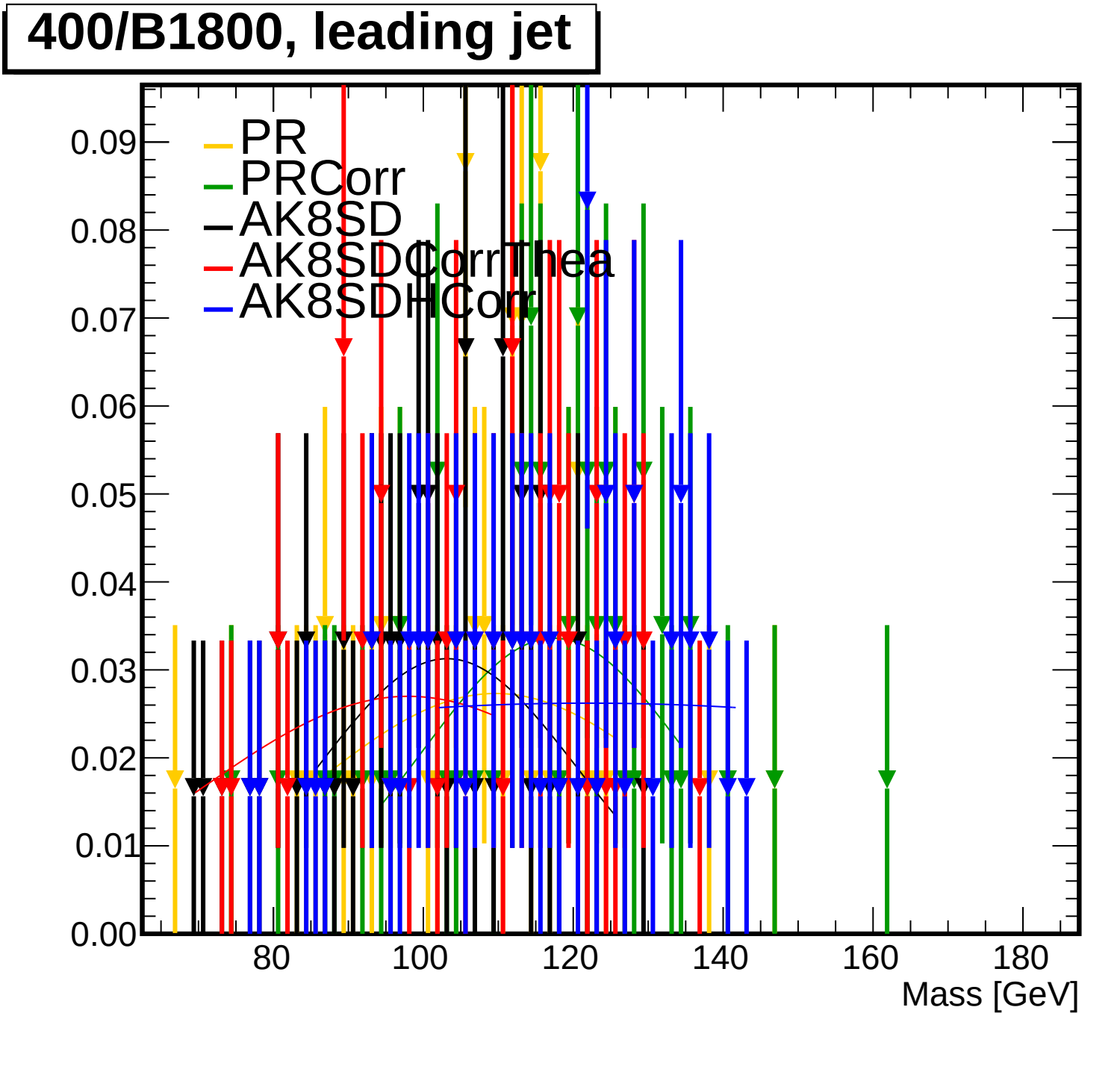
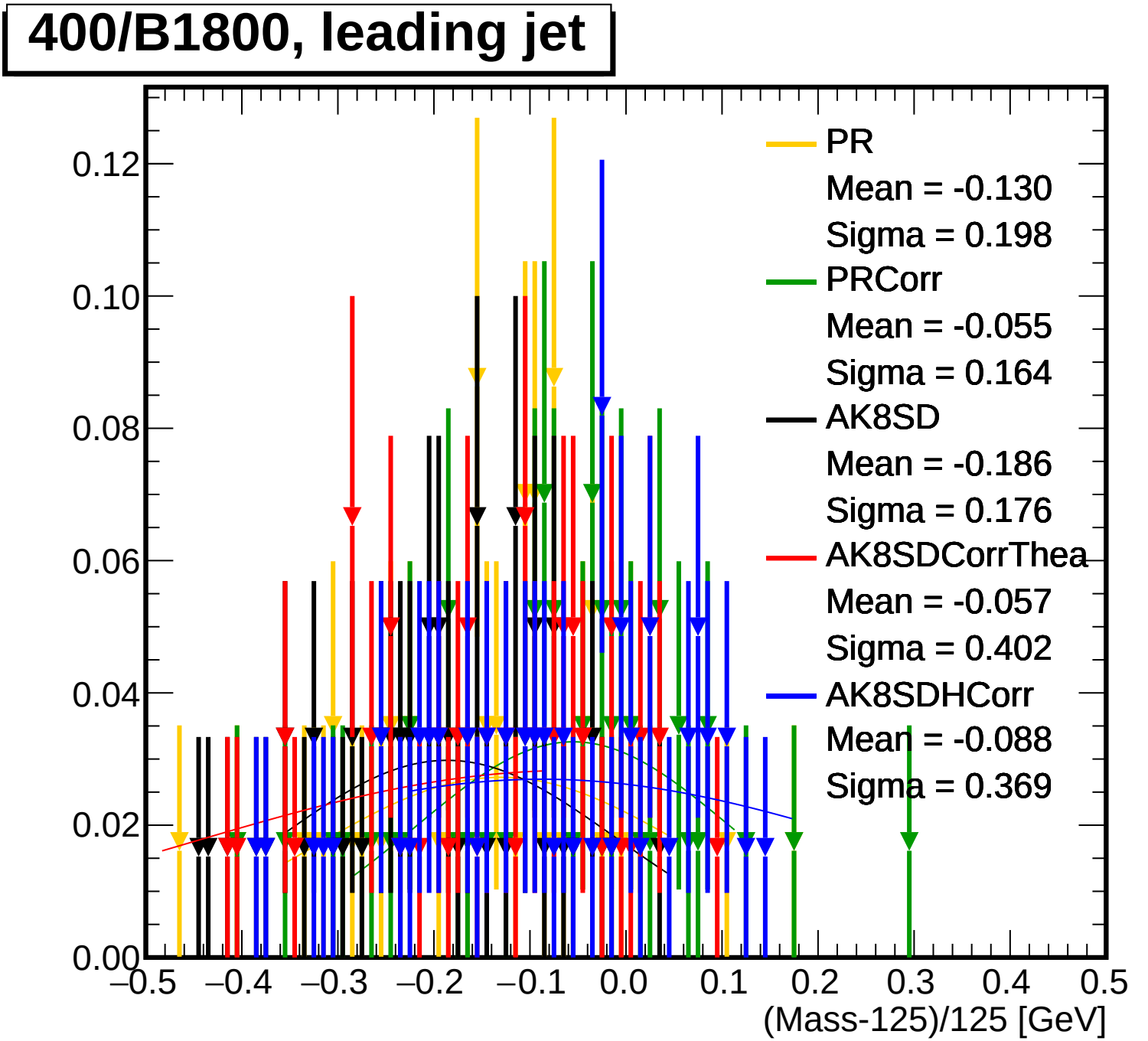
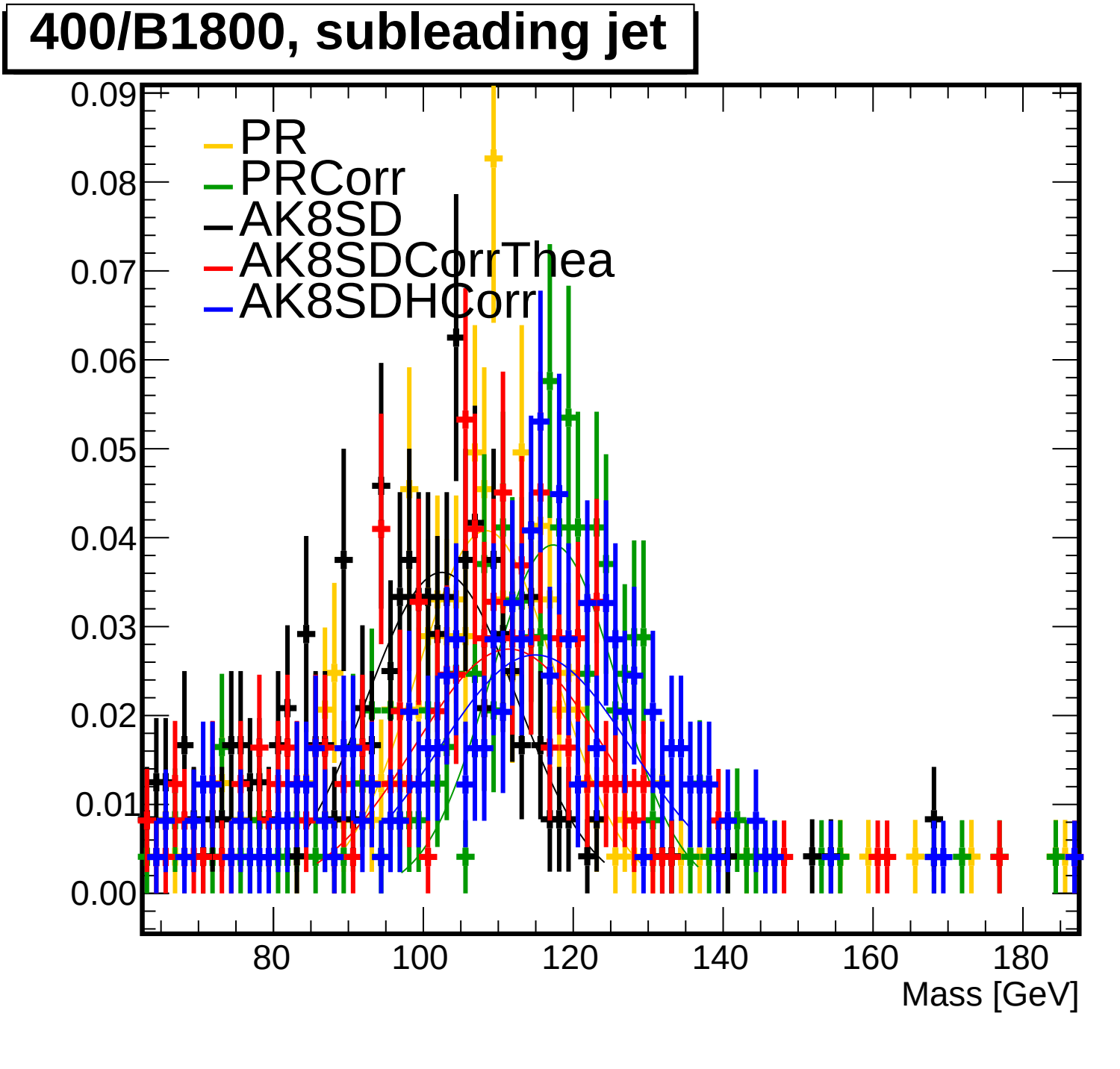
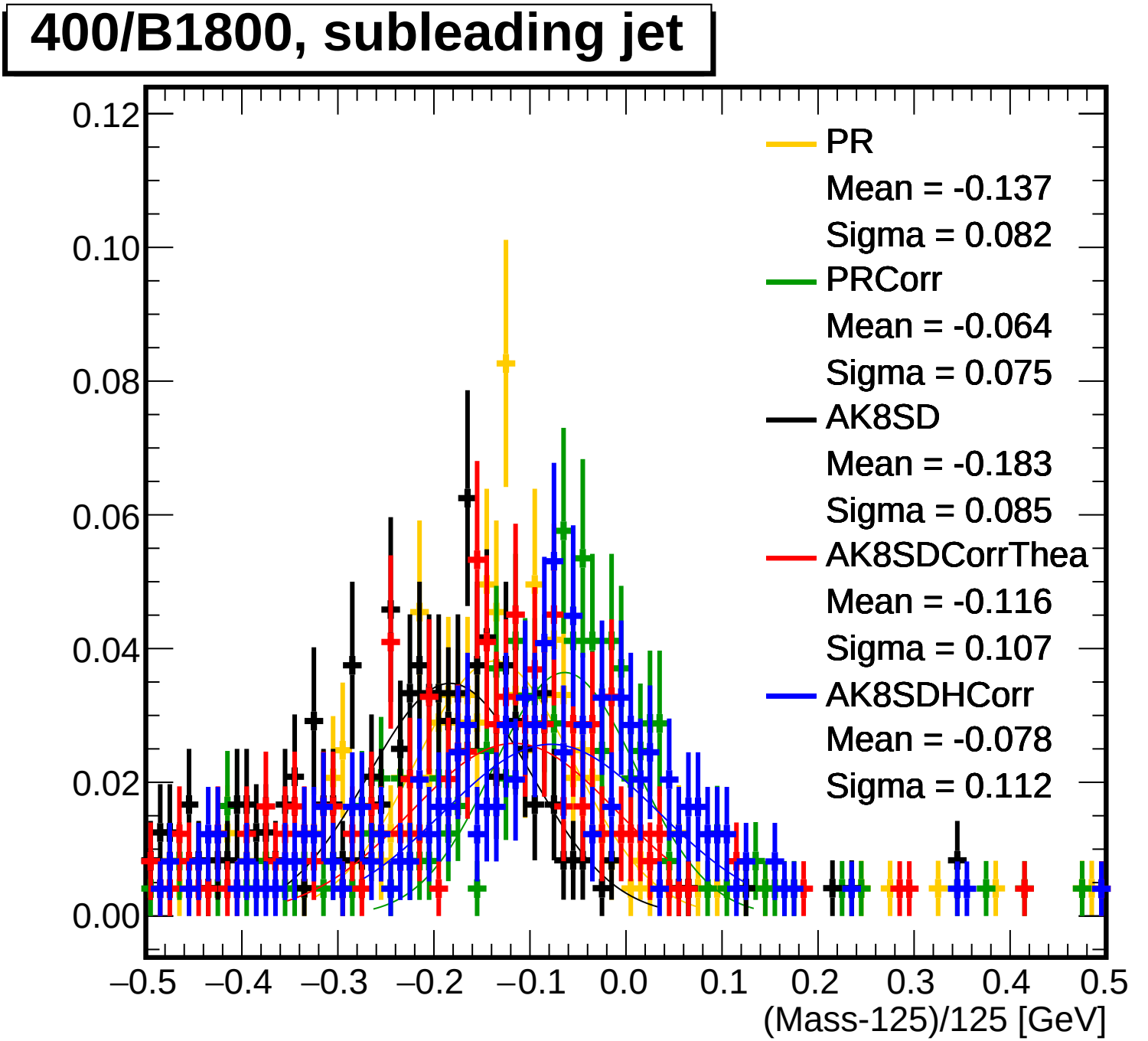
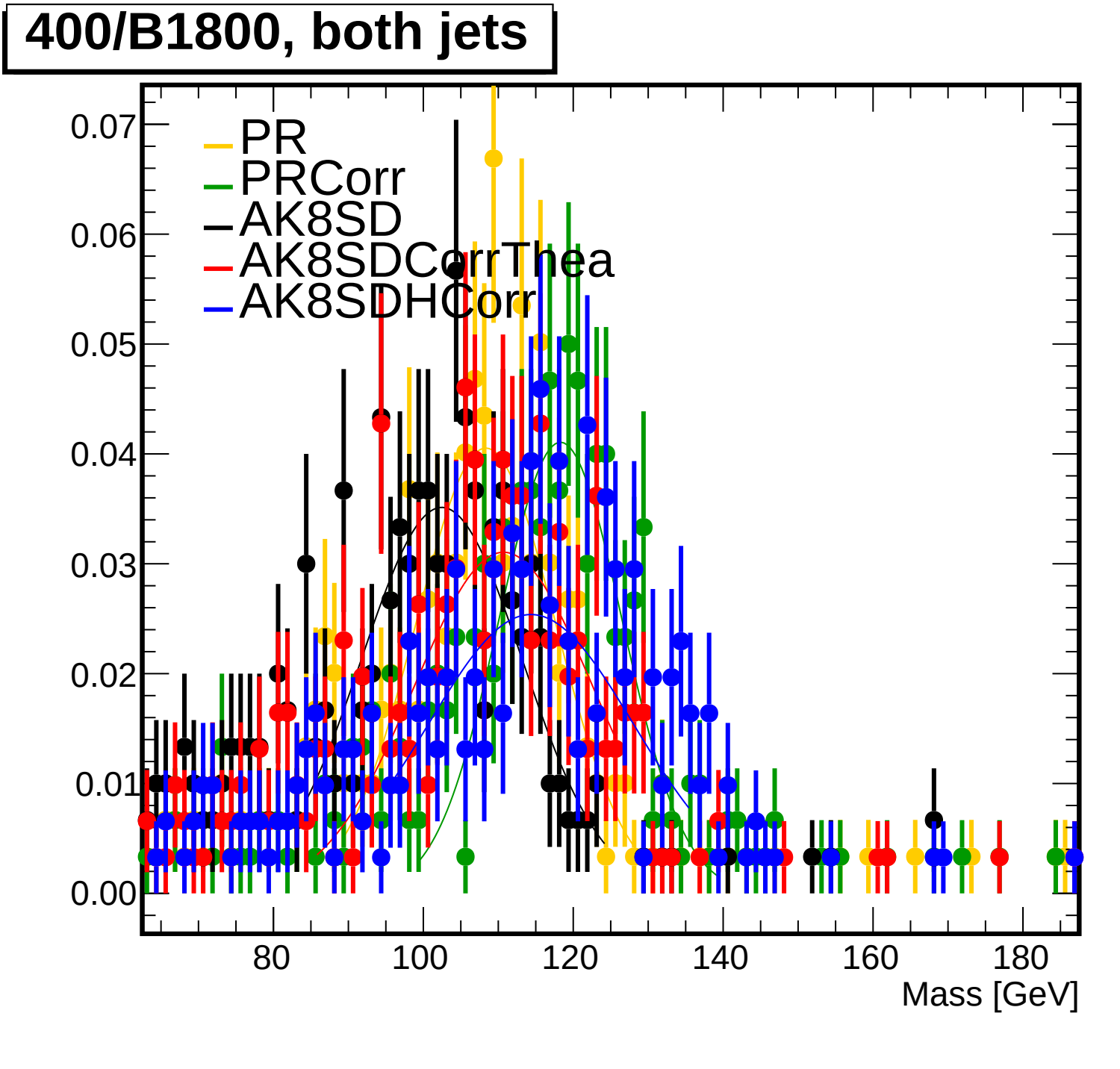
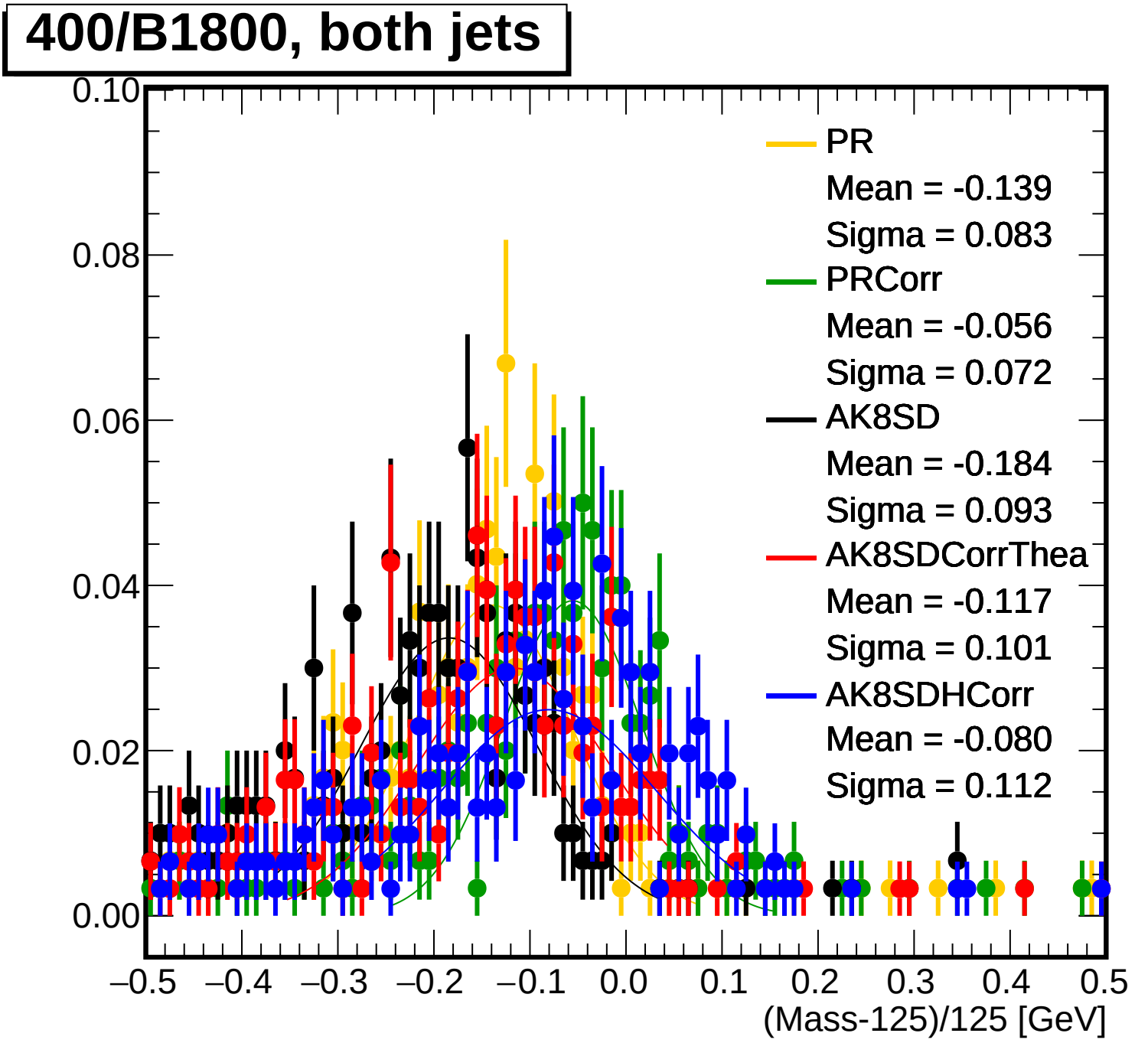

400/B1800, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

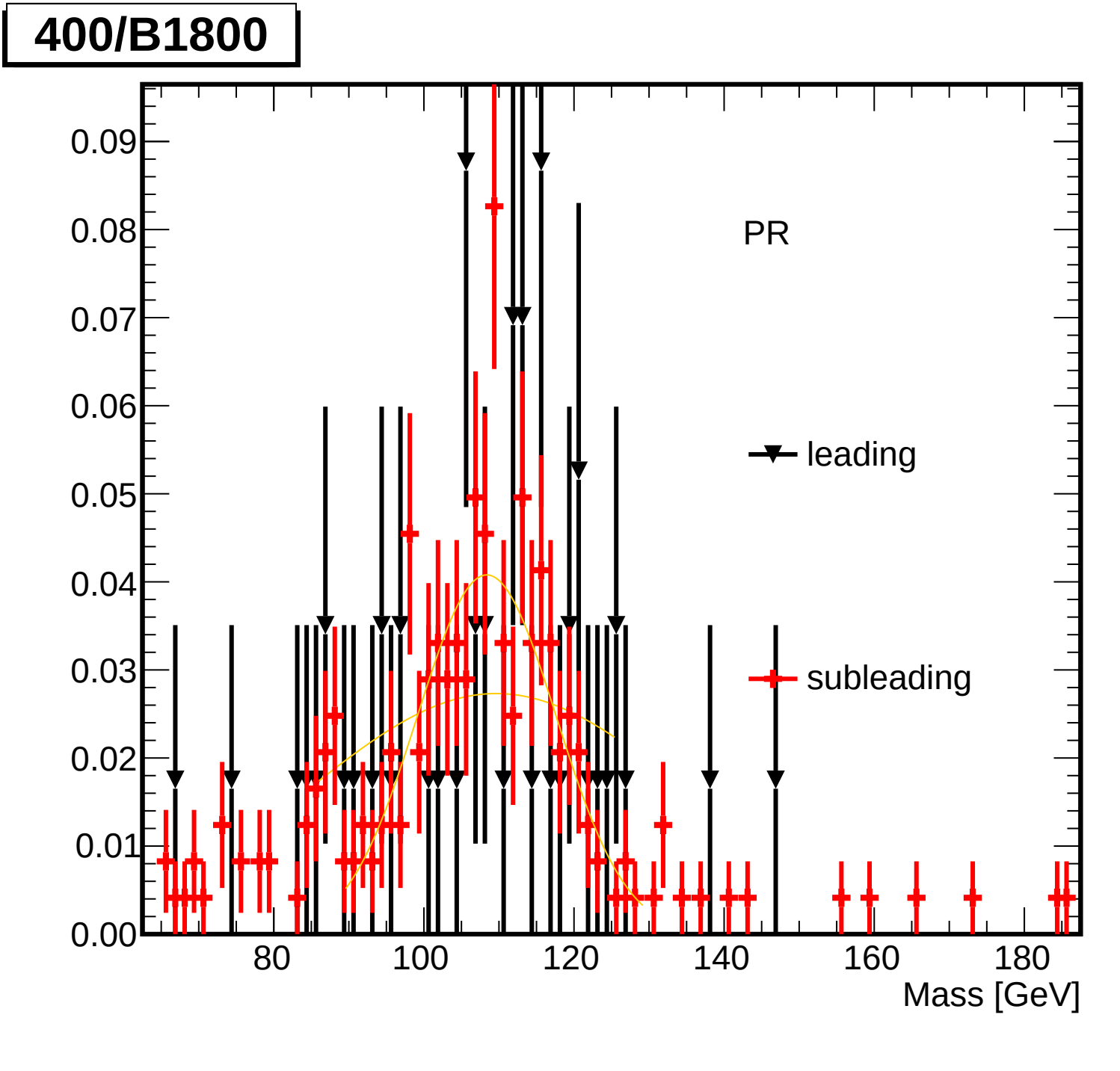

400/B1800, leading jet
PR
Mean = -0.130
Sigma = 0.198
PRCorr
Mean = -0.055
Sigma = 0.164
AK8SD
Mean = -0.186
Sigma = 0.176
AK8SDCorrThea
Mean = -0.057
Sigma = 0.402
AK8SDHCorr
Mean = -0.088
Sigma = 0.369
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

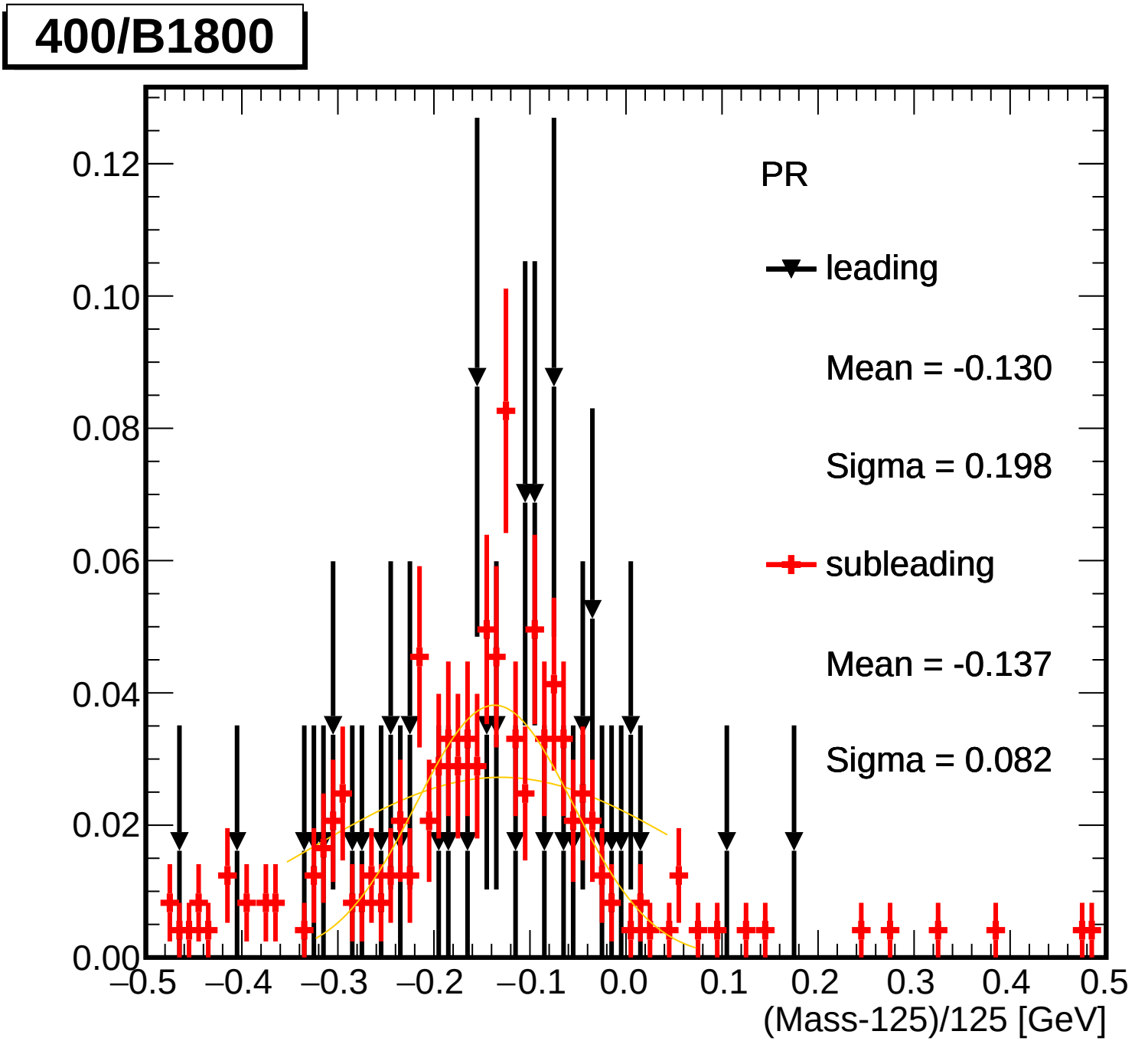

400/B1800, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

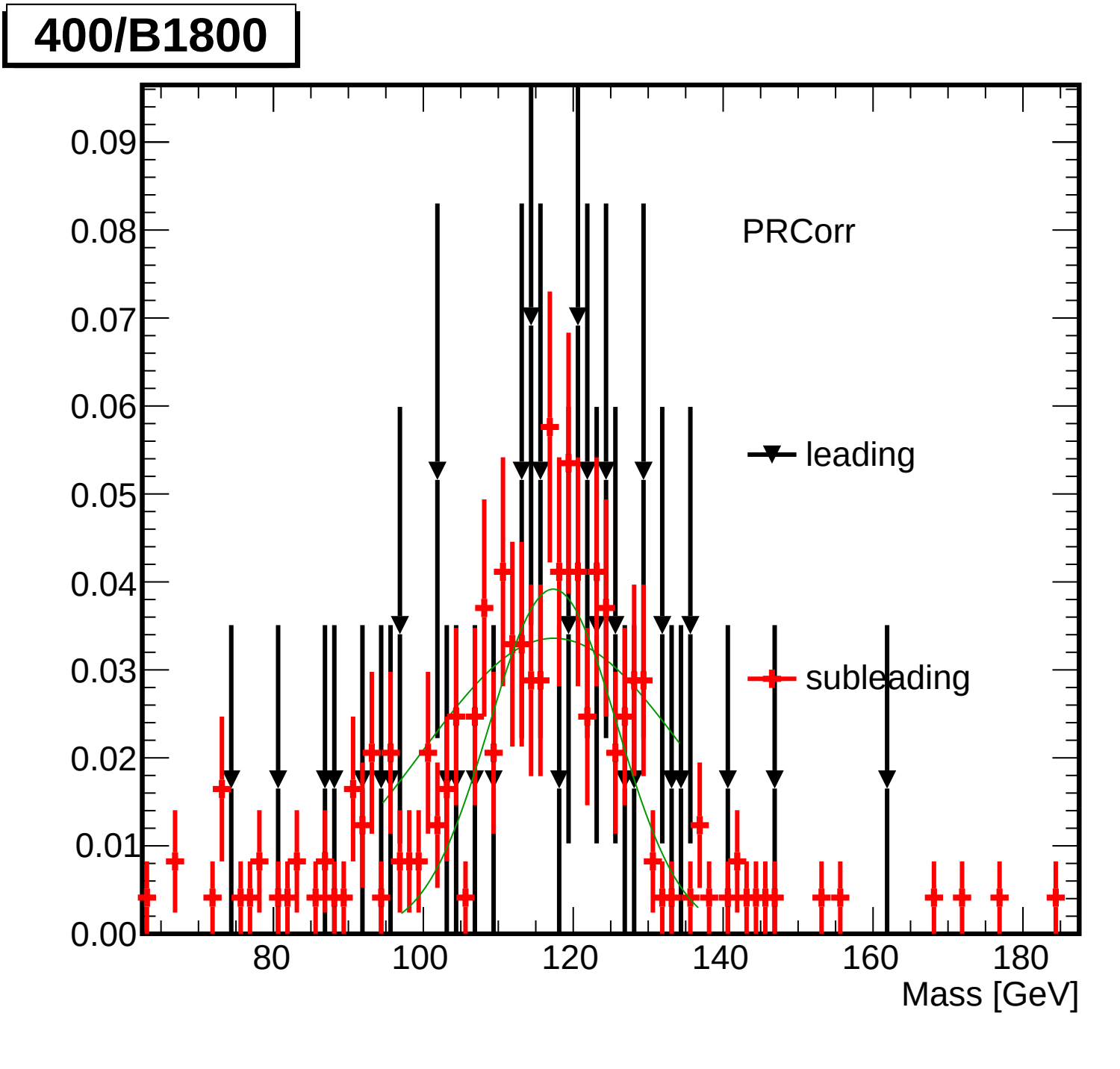

400/B1800, subleading jet
PR
Mean = -0.137
Sigma = 0.082
PRCorr
Mean = -0.064
Sigma = 0.075
AK8SD
Mean = -0.183
Sigma = 0.085
AK8SDCorrThea
Mean = -0.116
Sigma = 0.107
AK8SDHCorr
Mean = -0.078
Sigma = 0.112
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

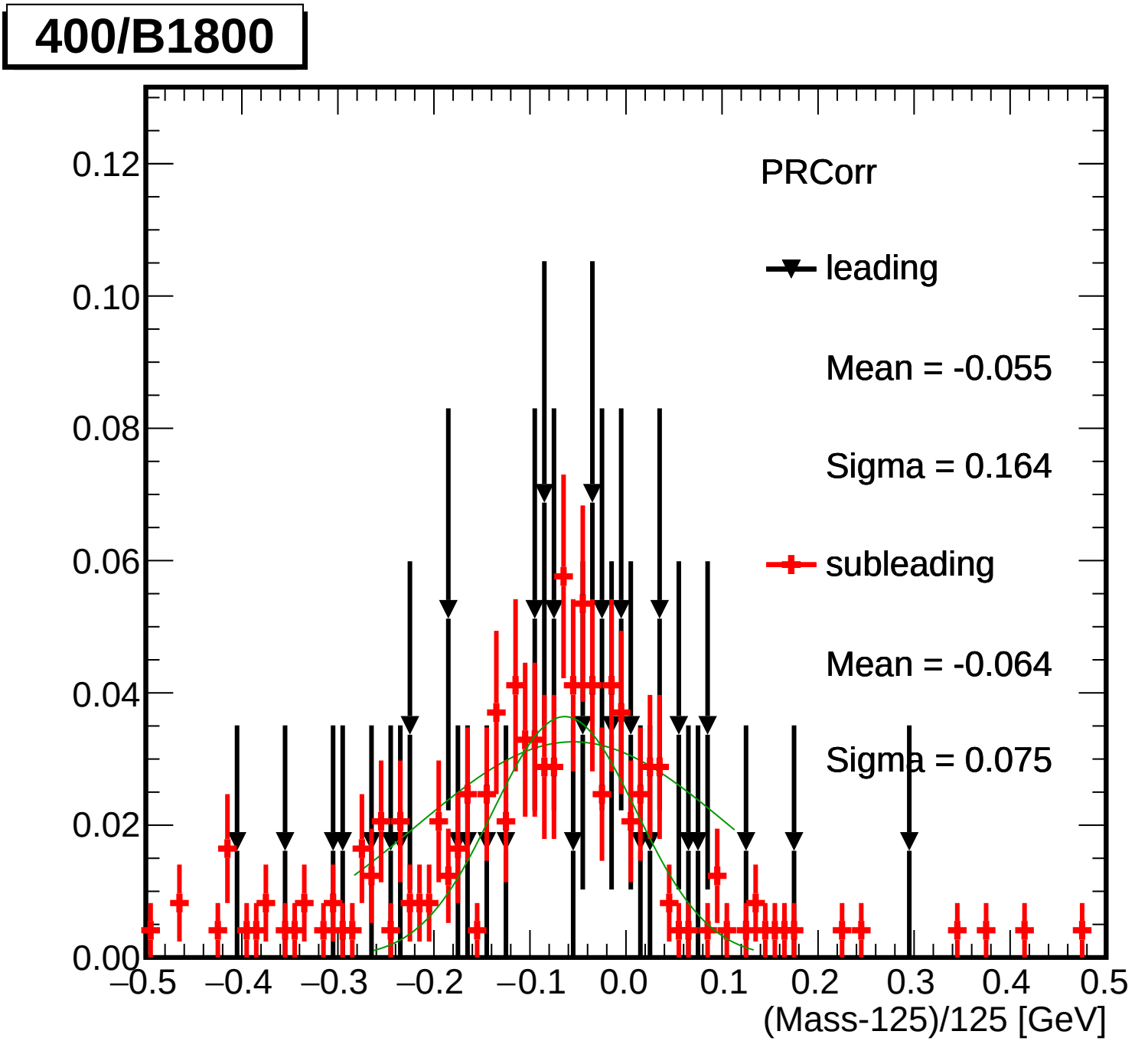

400/B1800, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

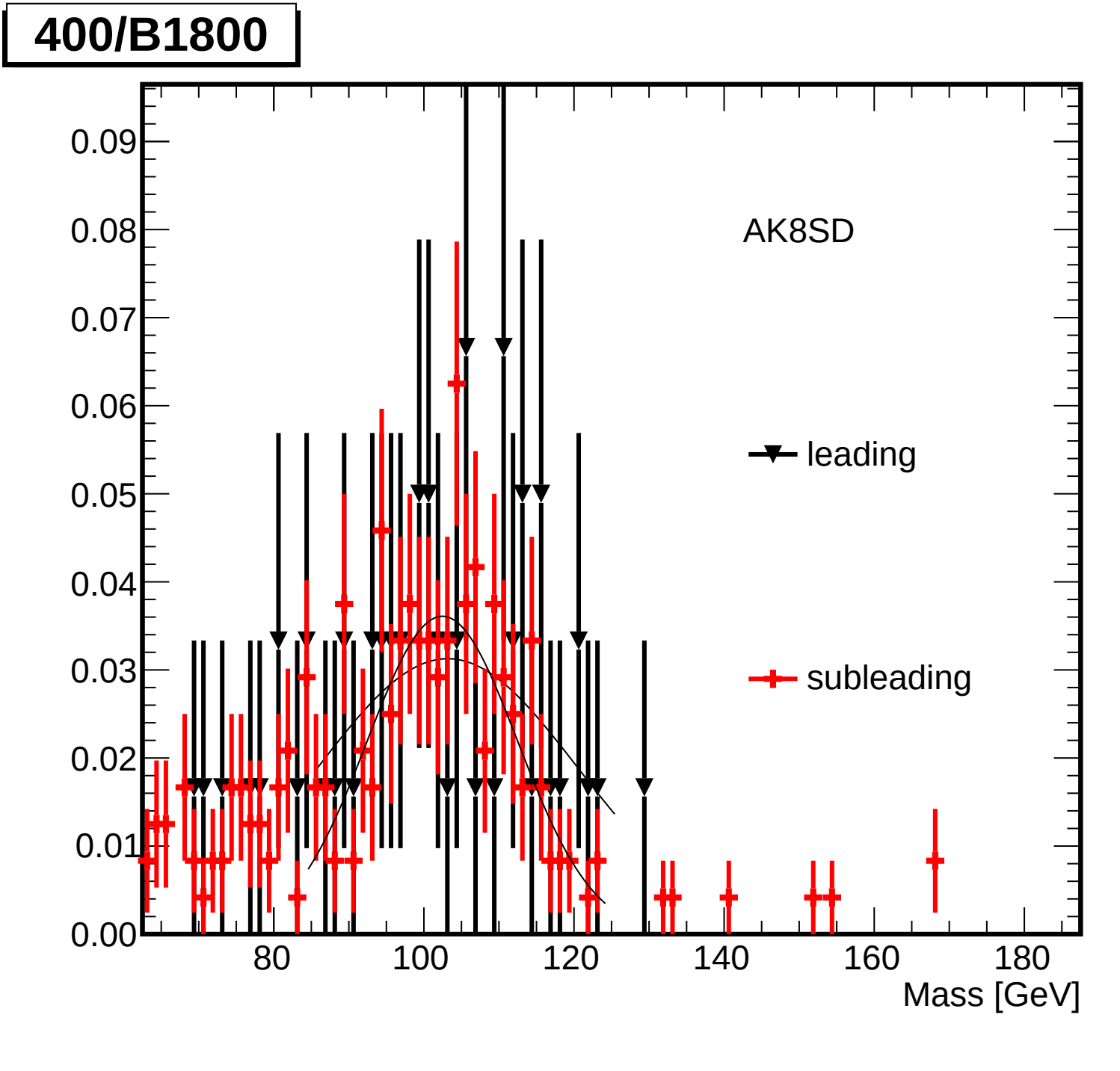

400/B1800, both jets
PR
Mean = -0.139
Sigma = 0.083
PRCorr
Mean = -0.056
Sigma = 0.072
AK8SD
Mean = -0.184
Sigma = 0.093
AK8SDCorrThea
Mean = -0.117
Sigma = 0.101
AK8SDHCorr
Mean = -0.080
Sigma = 0.112
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

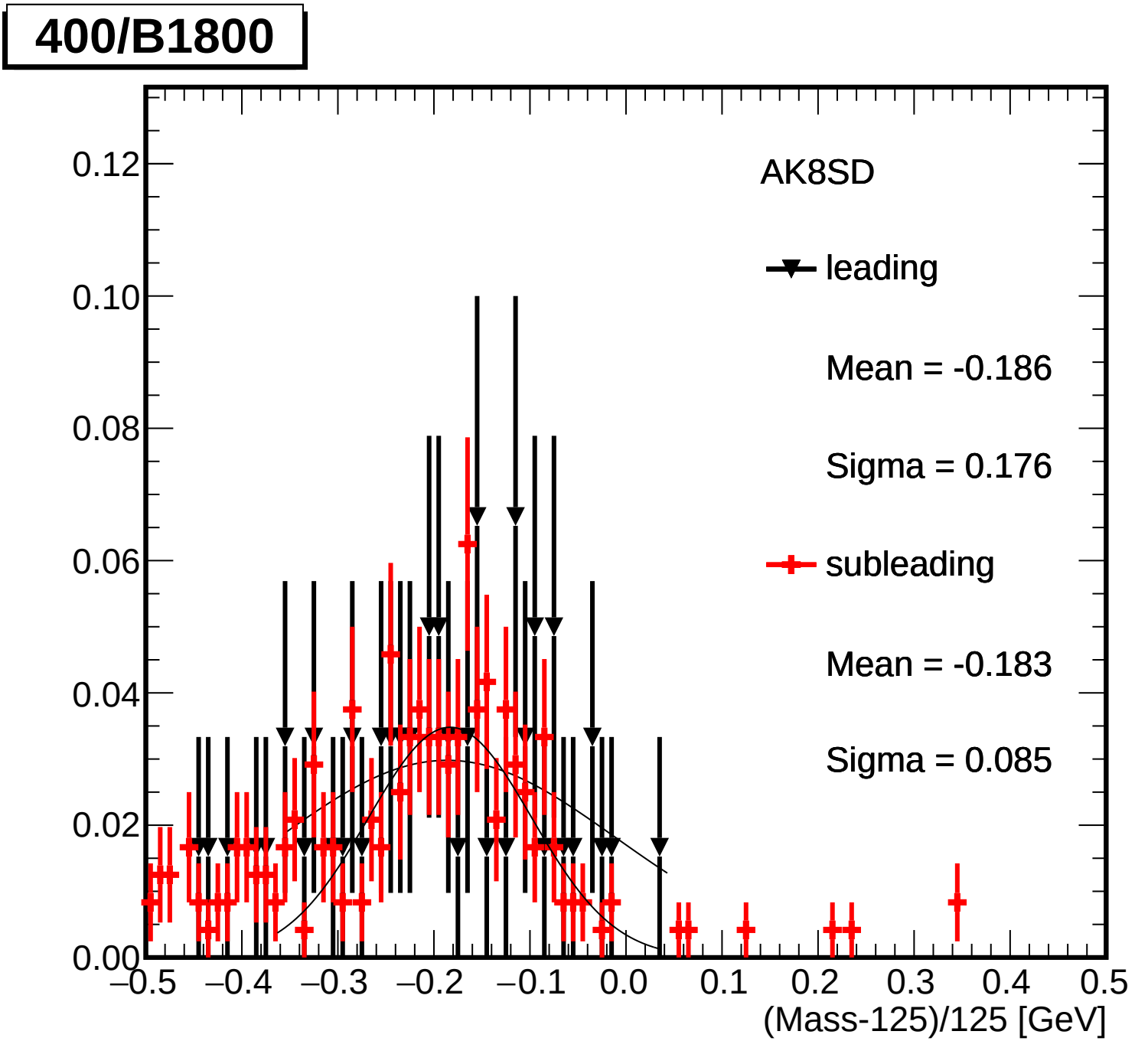

400/B1800
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]
PR
leading
subleading

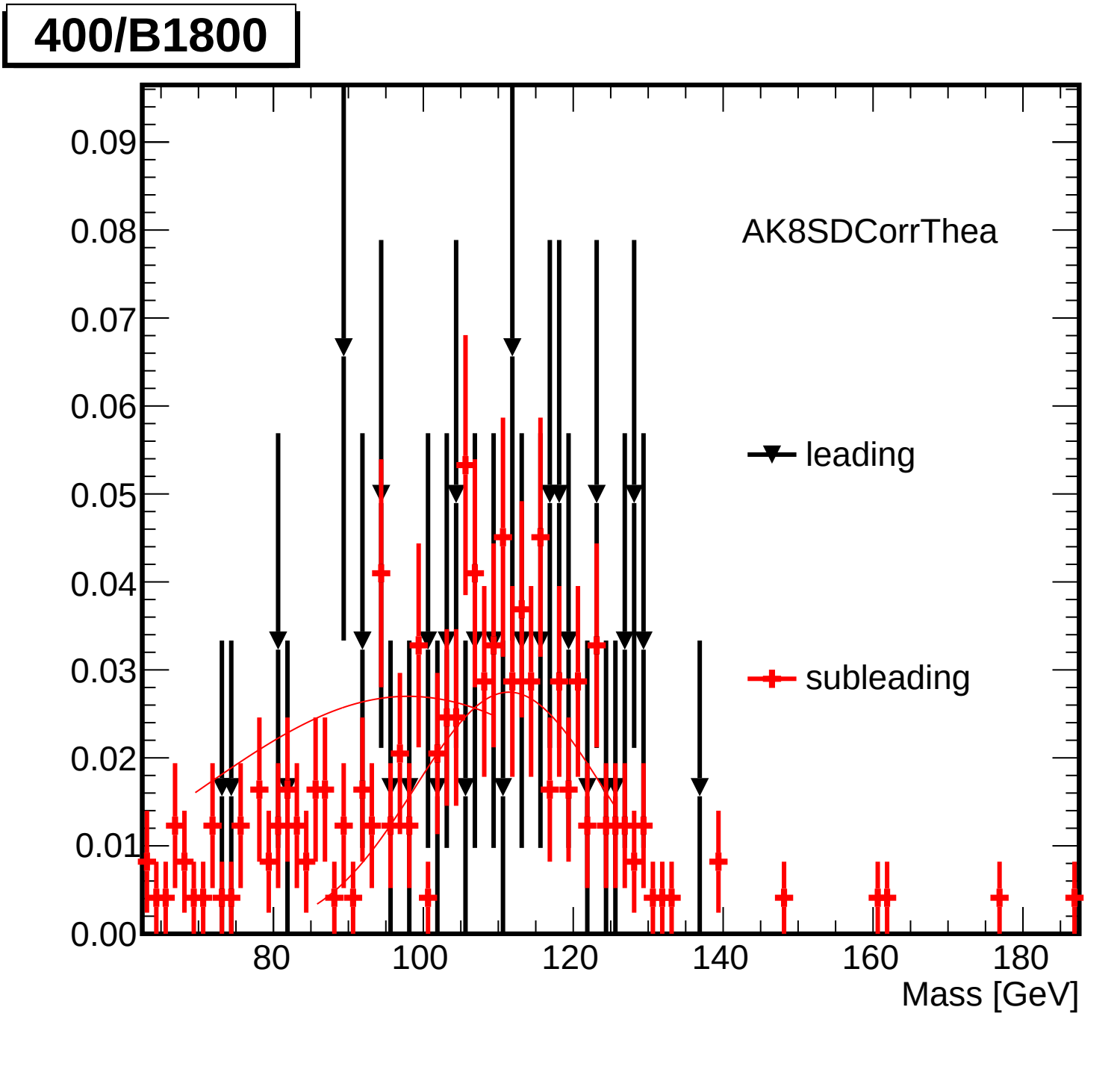

400/B1800
PR
leading
Mean = -0.130
Sigma = 0.198
subleading
Mean = -0.137
Sigma = 0.082
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

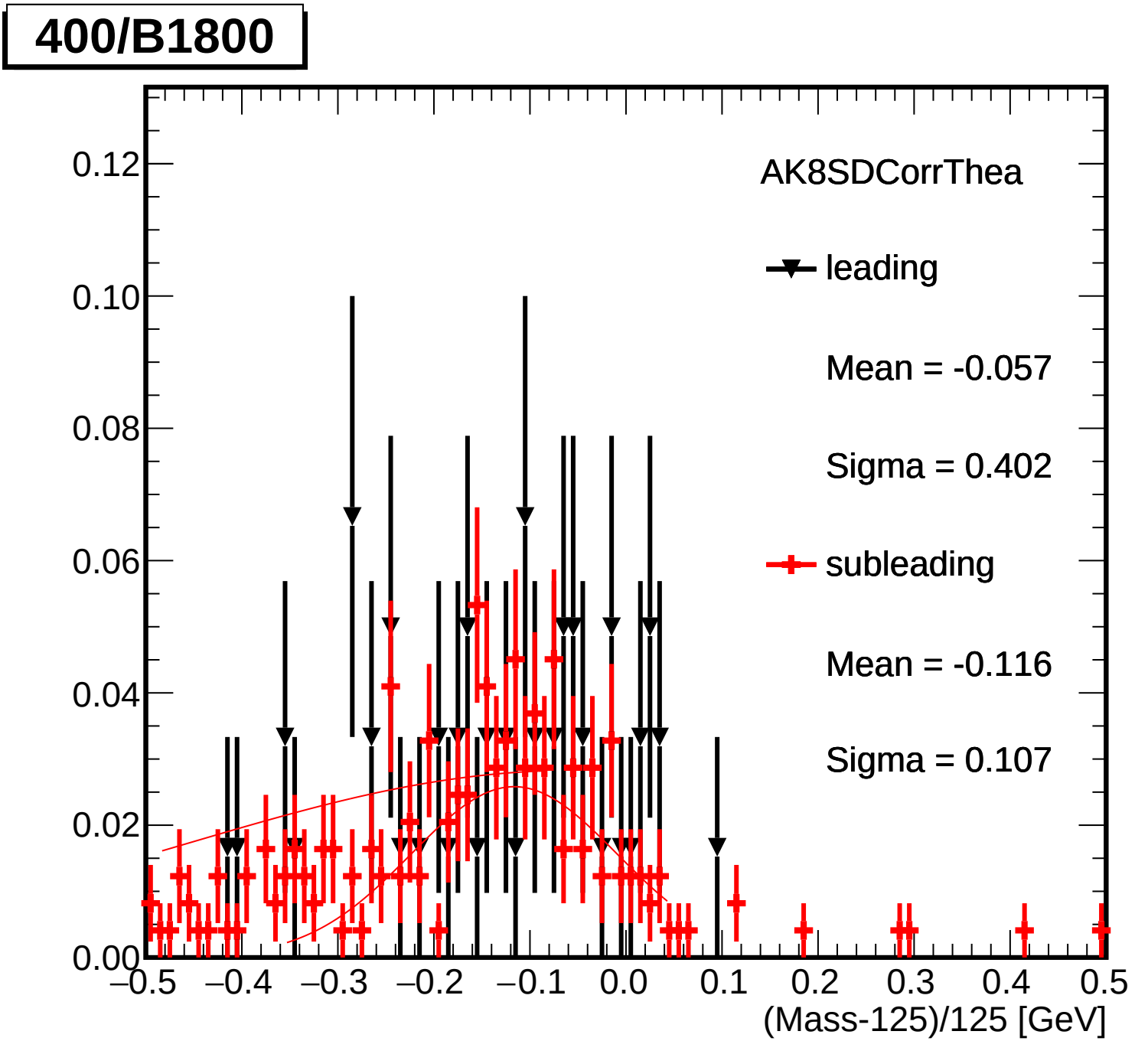

400/B1800
PRCorr
leading
subleading
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

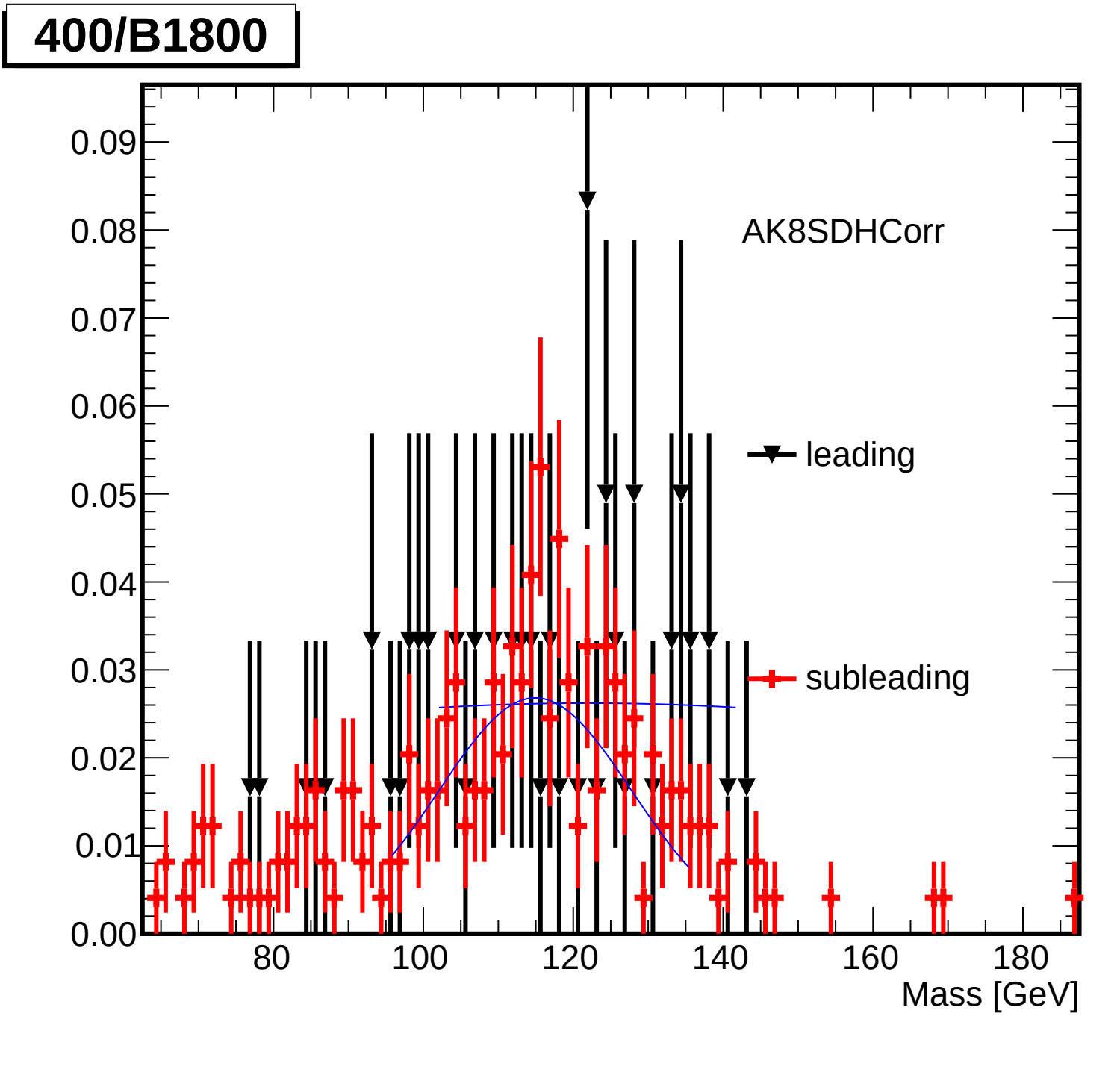

400/B1800
PRCorr
leading
Mean = -0.055
Sigma = 0.164
subleading
Mean = -0.064
Sigma = 0.075
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

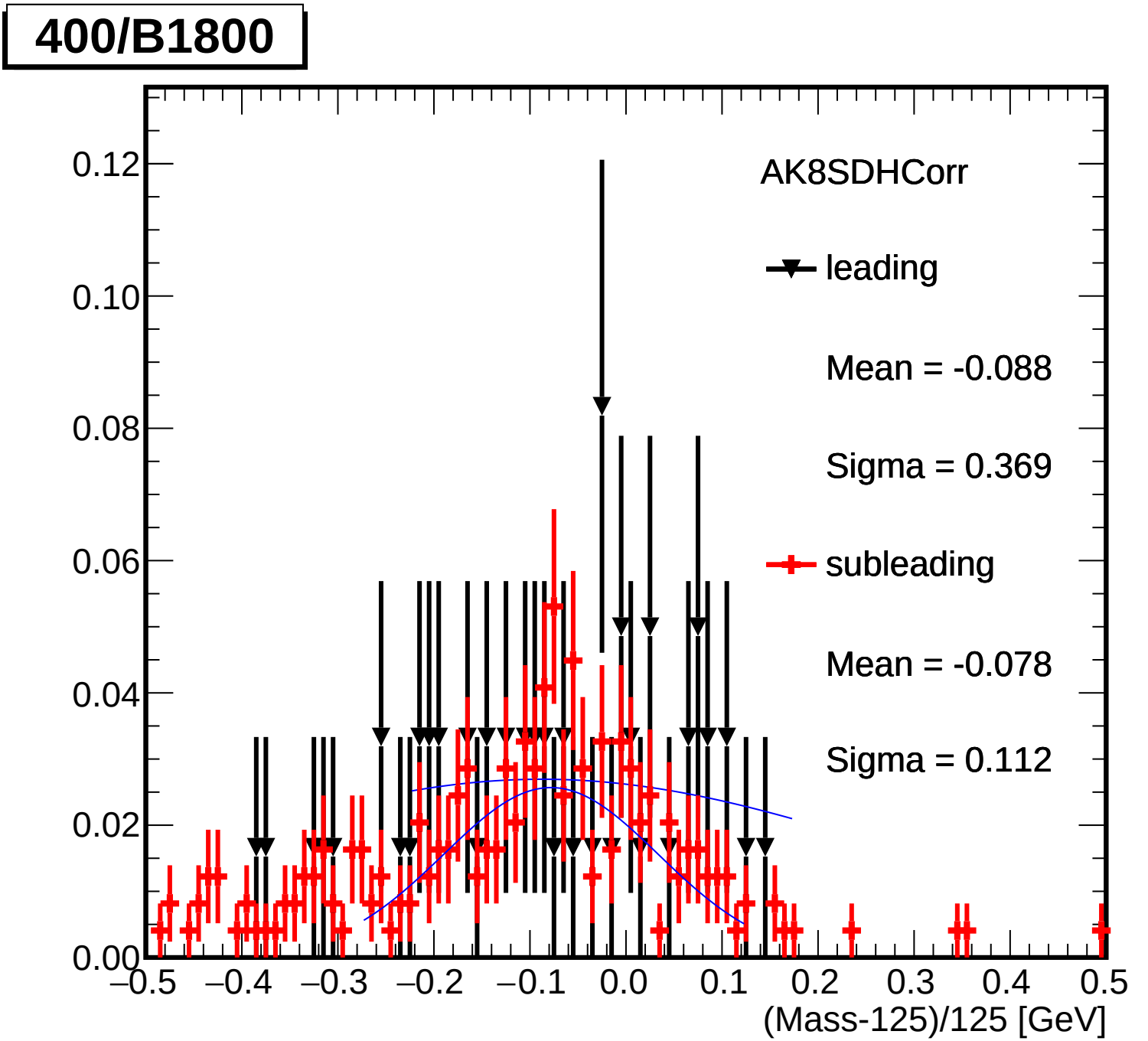

400/B1800
AK8SD
leading
subleading
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


400/B1800
AK8SD
leading
Mean = -0.186
Sigma = 0.176
subleading
Mean = -0.183
Sigma = 0.085
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]


400/B1800
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]


400/B1800
AK8SDCorrThea
leading
Mean = -0.057
Sigma = 0.402
subleading
Mean = -0.116
Sigma = 0.107
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]


400/B1800
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]


400/B1800
AK8SDHCorr
leading
Mean = -0.088
Sigma = 0.369
subleading
Mean = -0.078
Sigma = 0.112
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]