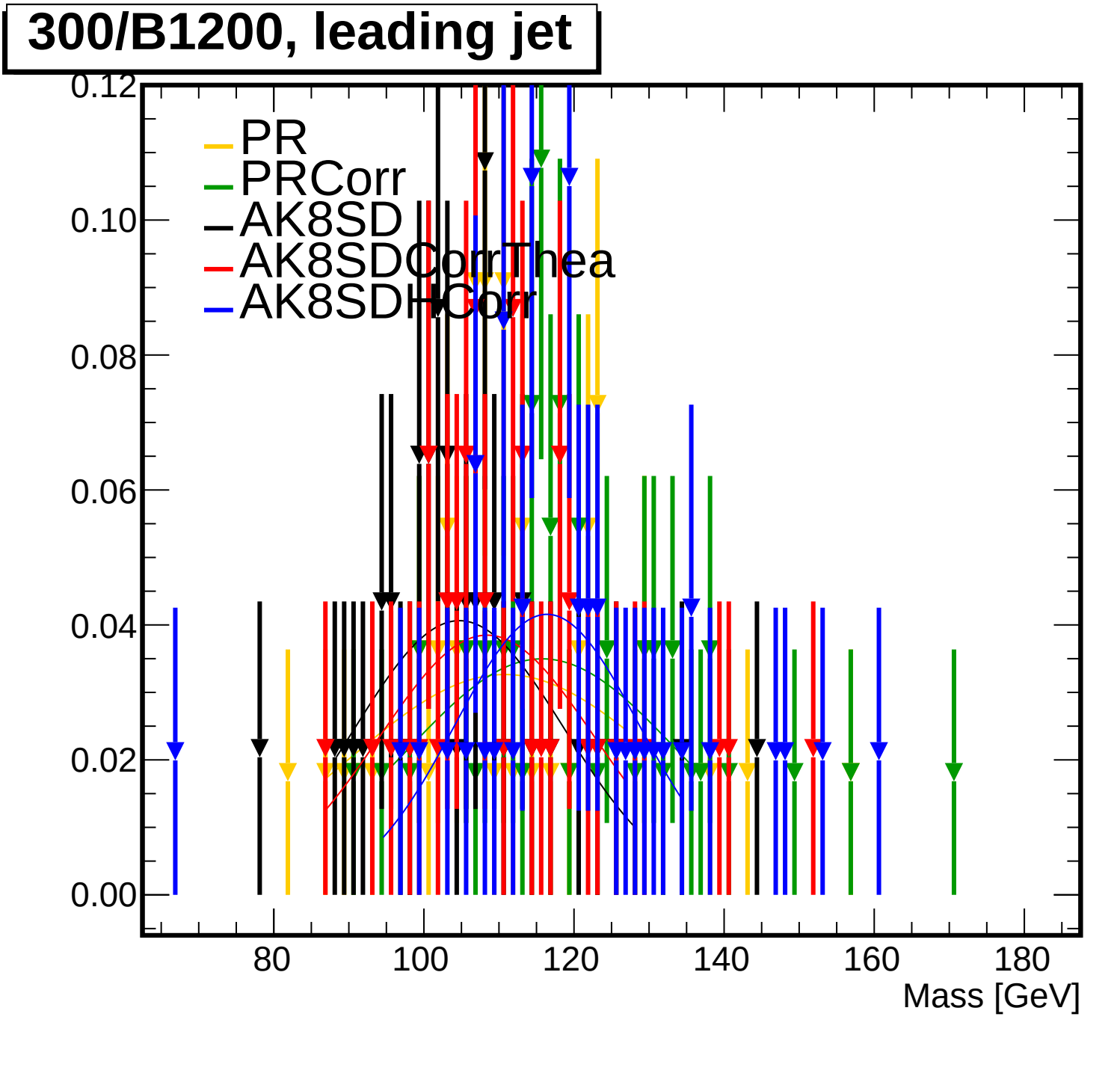
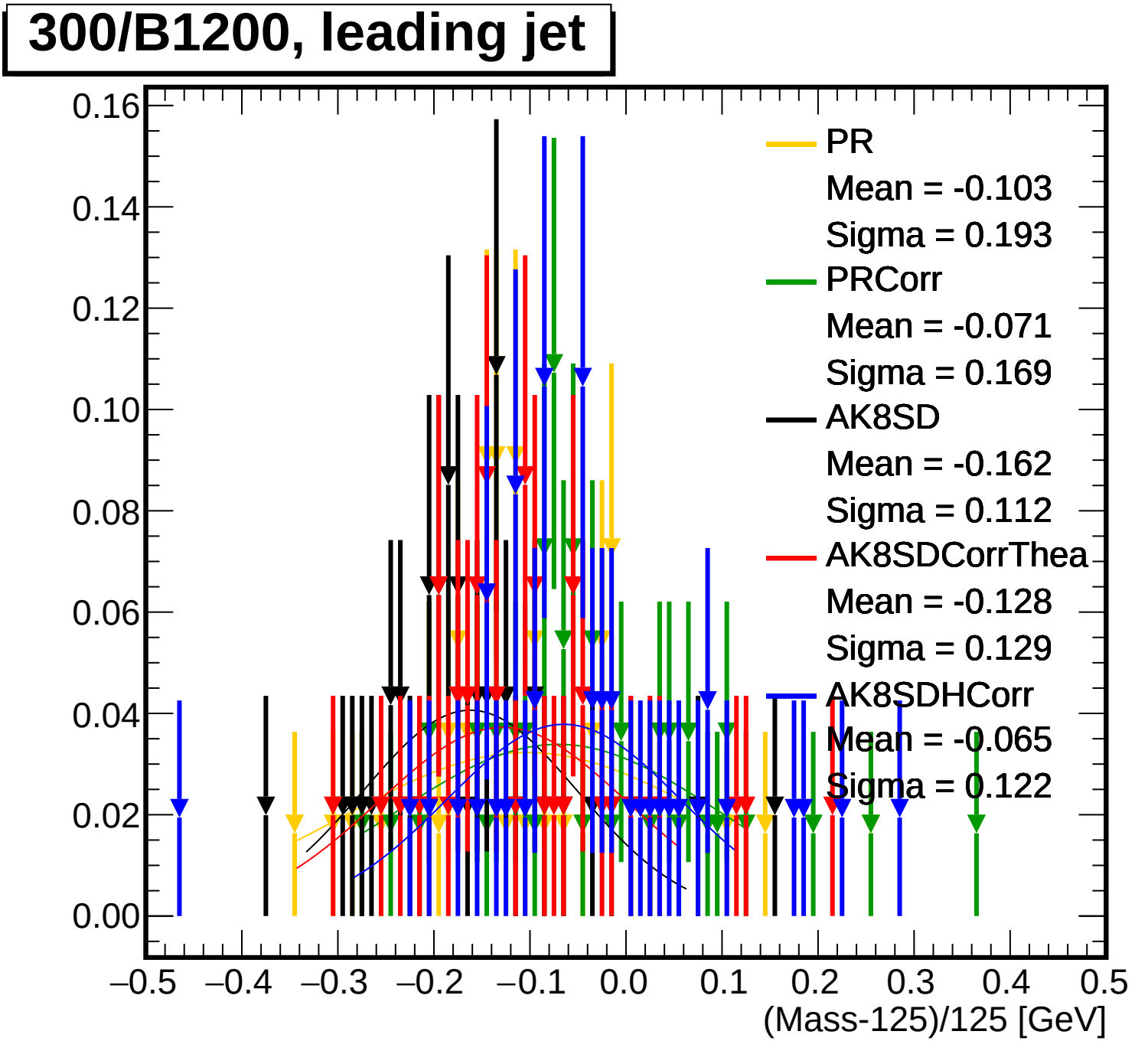
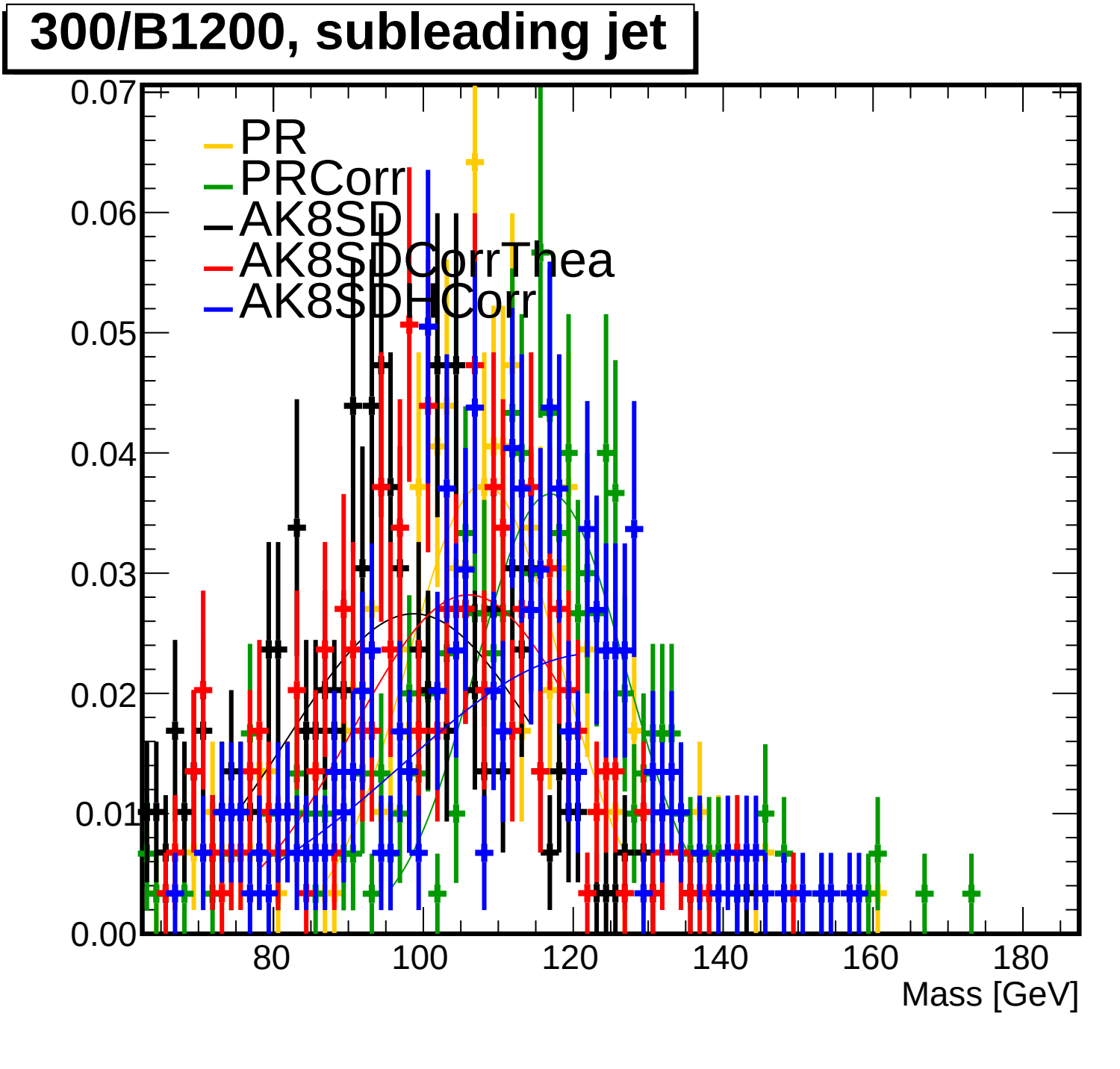
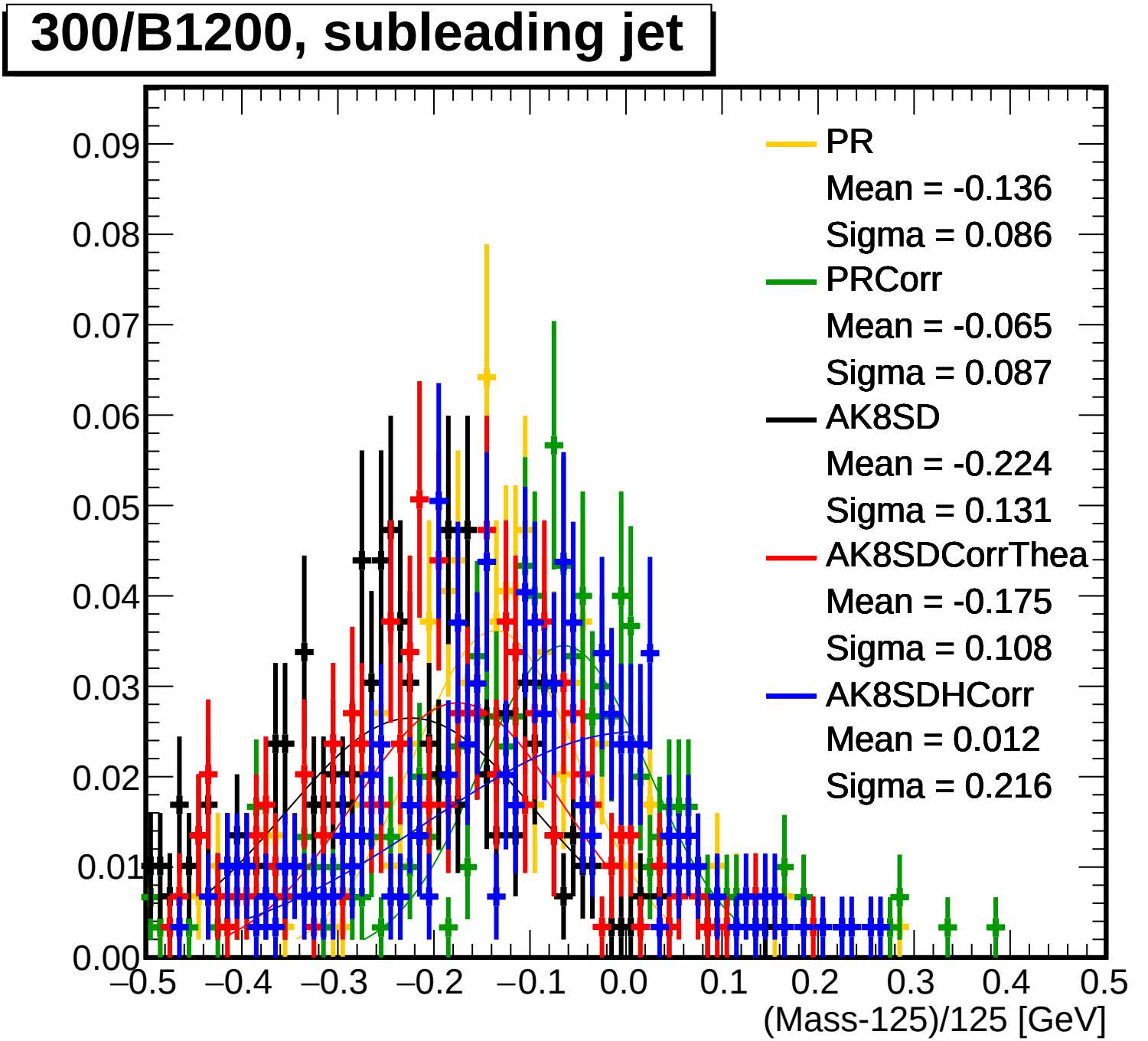
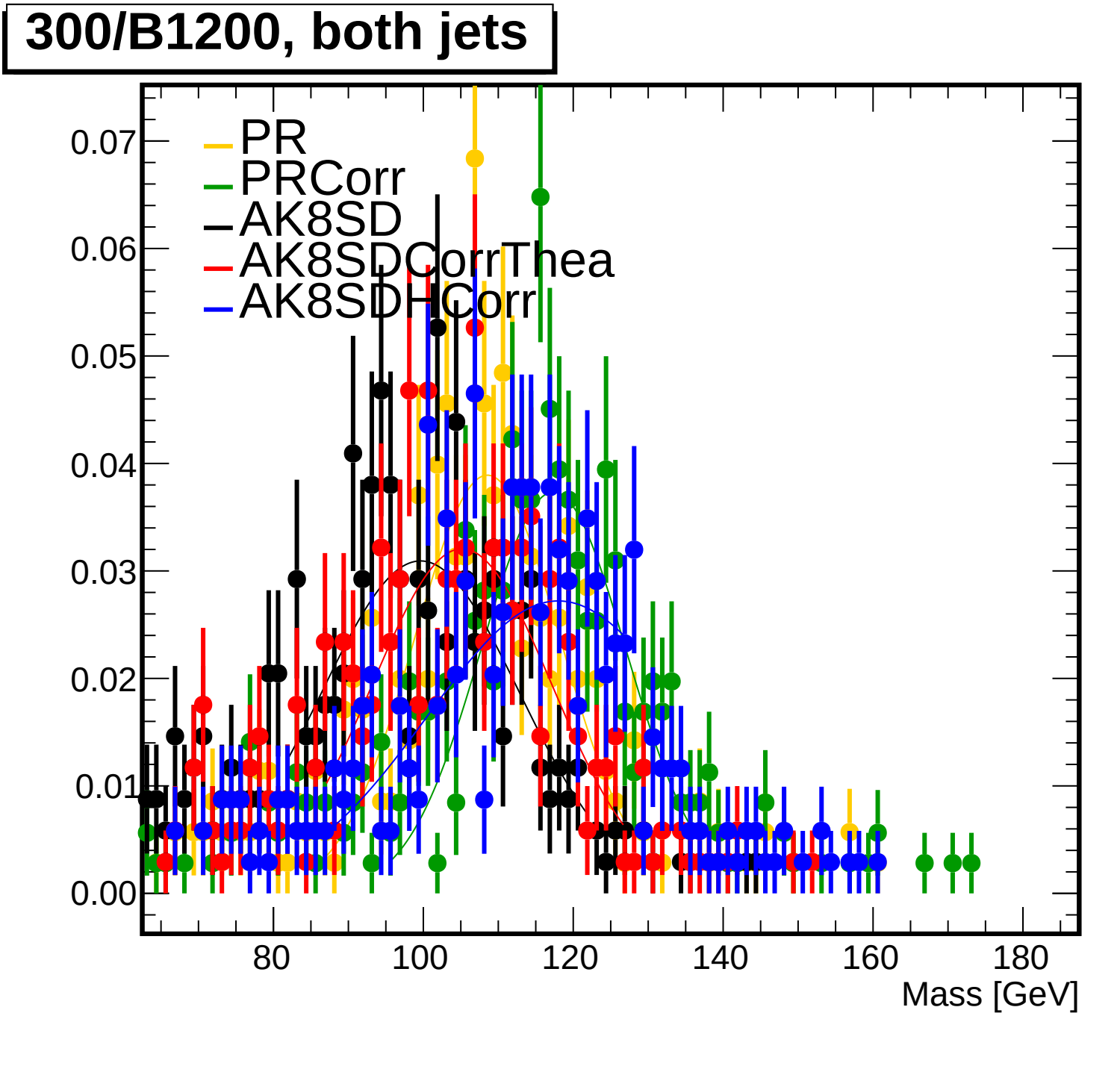
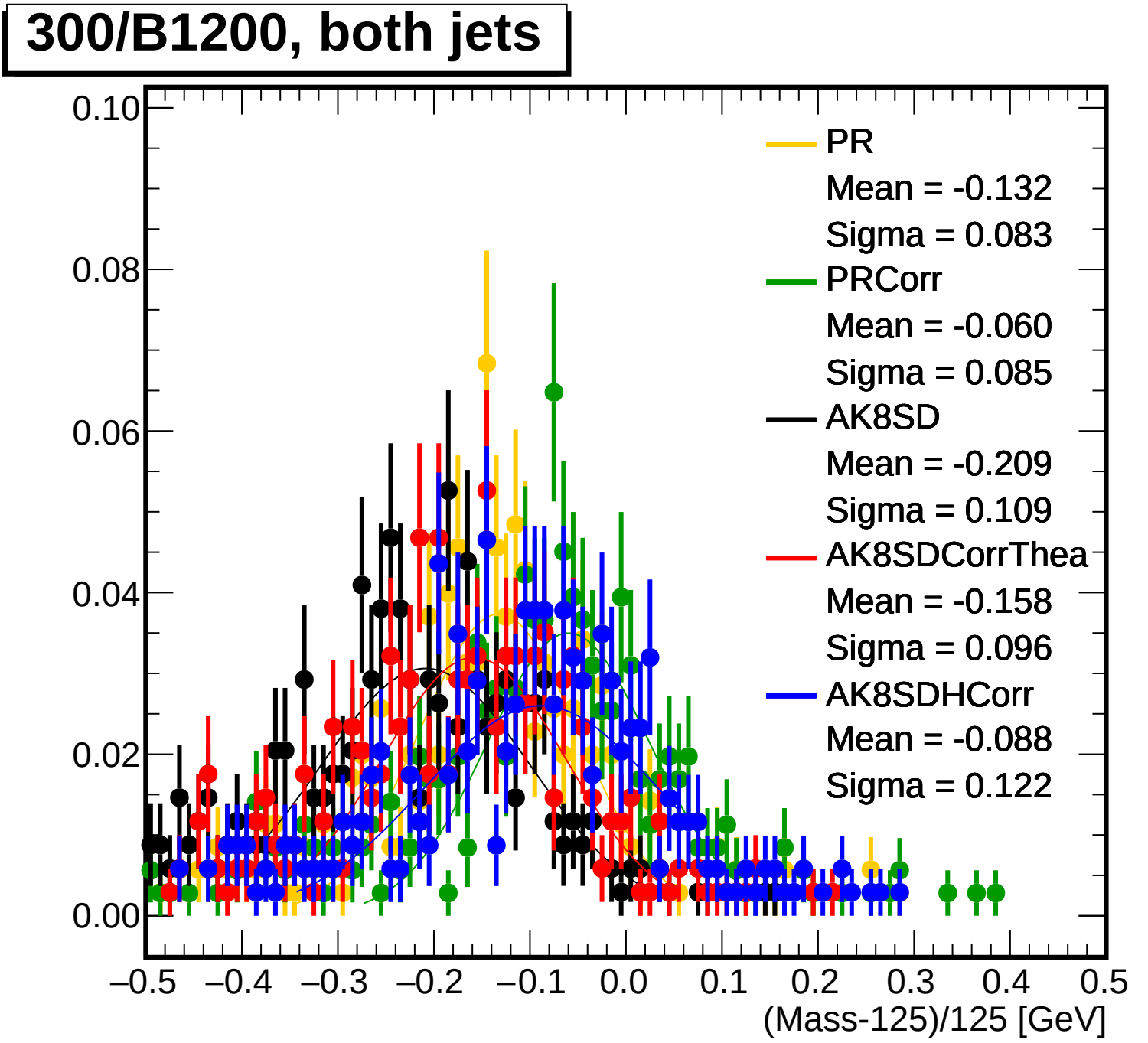

300/B1200, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

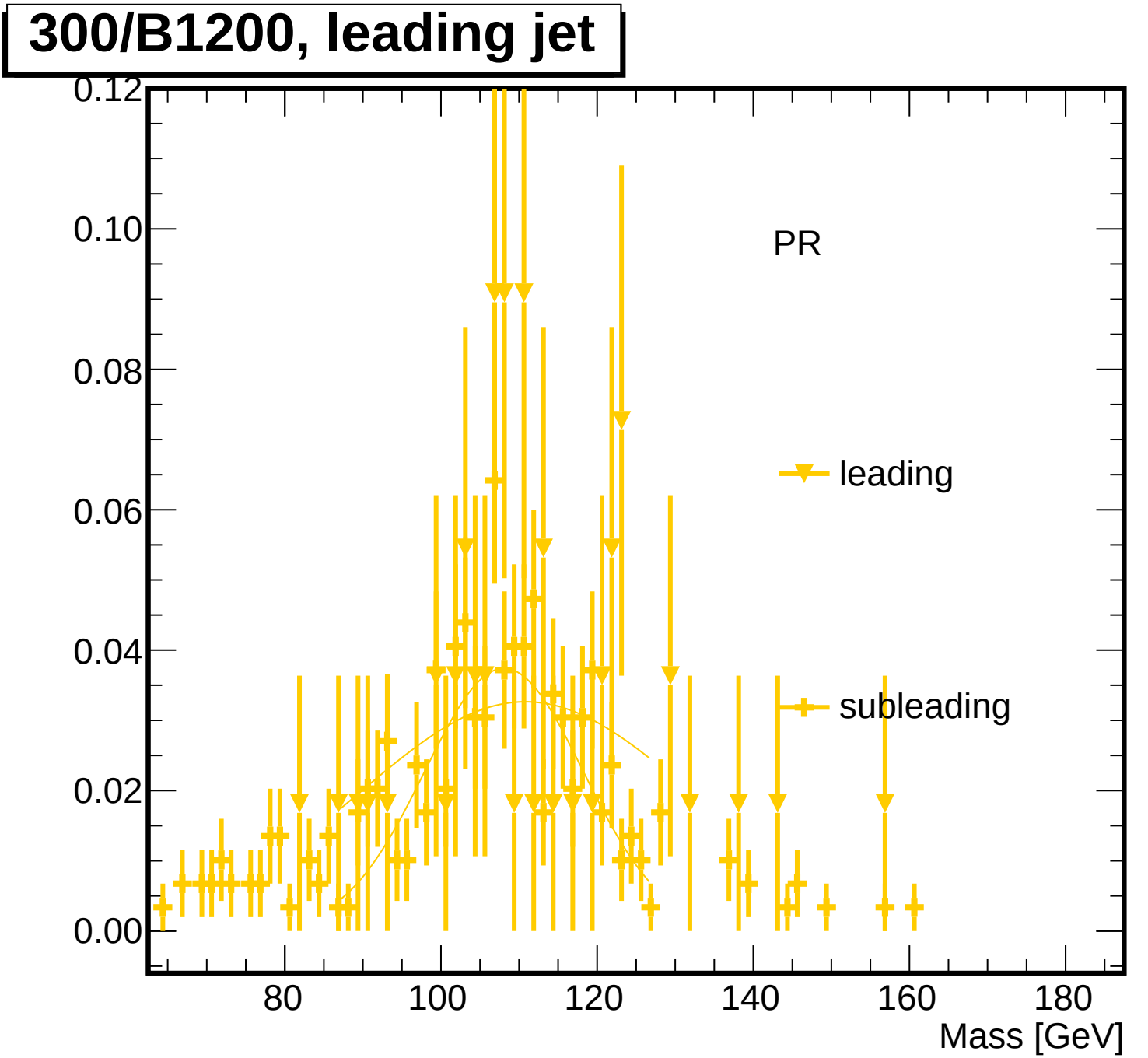

300/B1200, leading jet
PR
Mean = -0.103
Sigma = 0.193
PRCorr
Mean = -0.071
Sigma = 0.169
AK8SD
Mean = -0.162
Sigma = 0.112
AK8SDCorrThea
Mean = -0.128
Sigma = 0.129
AK8SDHCorr
Mean = -0.065
Sigma = 0.122
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

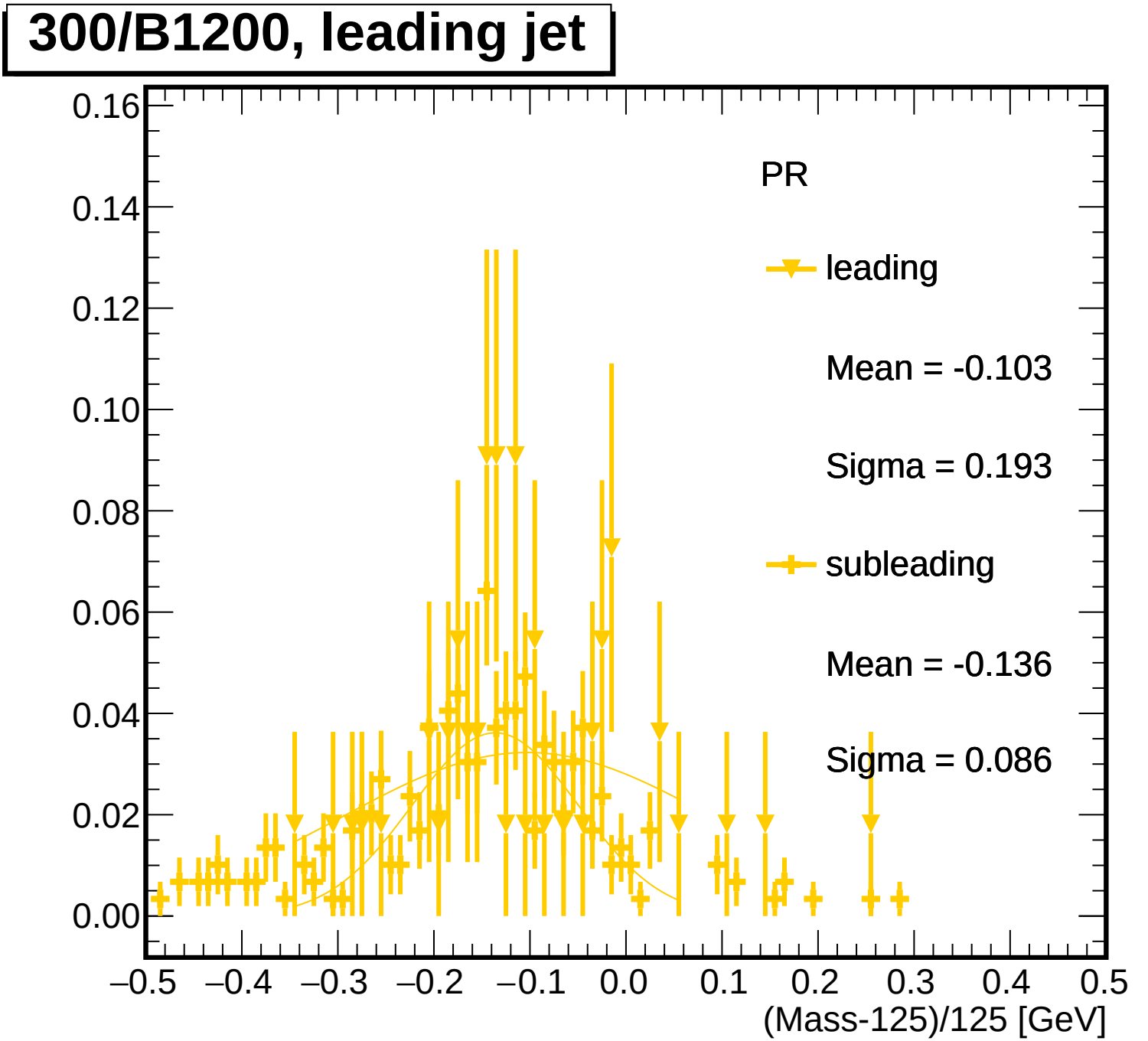

300/B1200, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

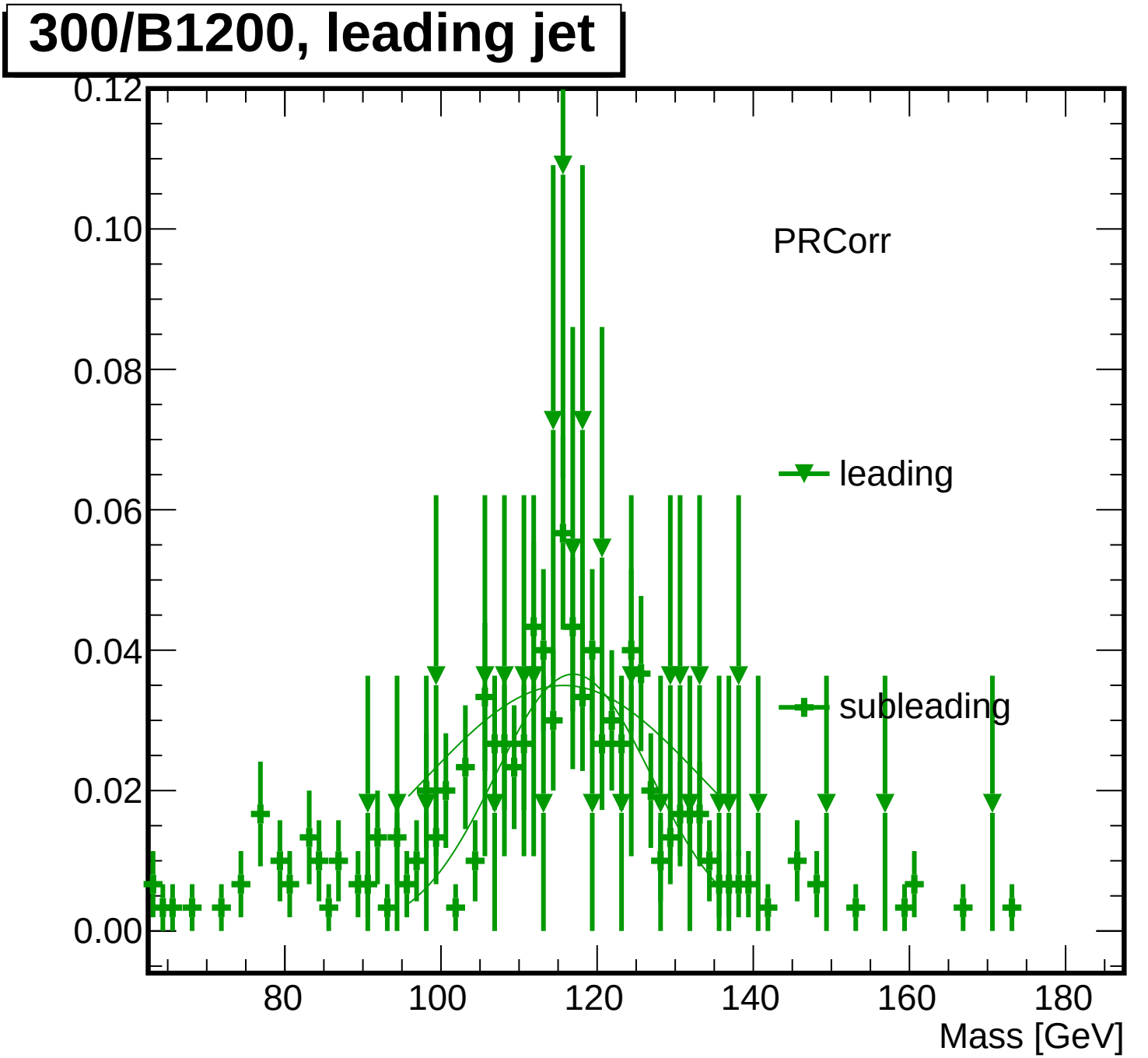

300/B1200, subleading jet
PR
Mean = -0.136
Sigma = 0.086
PRCorr
Mean = -0.065
Sigma = 0.087
AK8SD
Mean = -0.224
Sigma = 0.131
AK8SDCorrThea
Mean = -0.175
Sigma = 0.108
AK8SDHCorr
Mean = 0.012
Sigma = 0.216
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

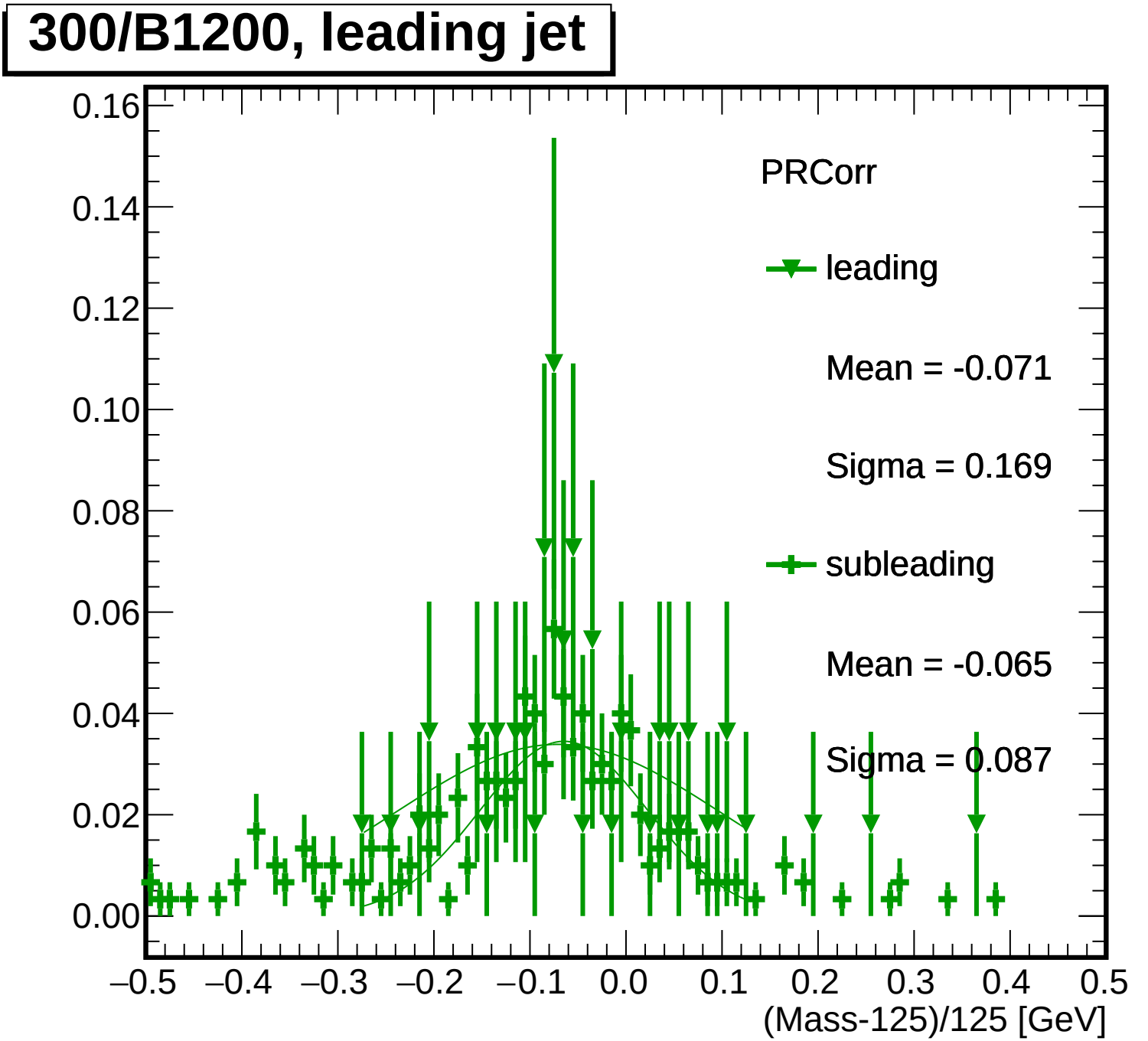

300/B1200, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

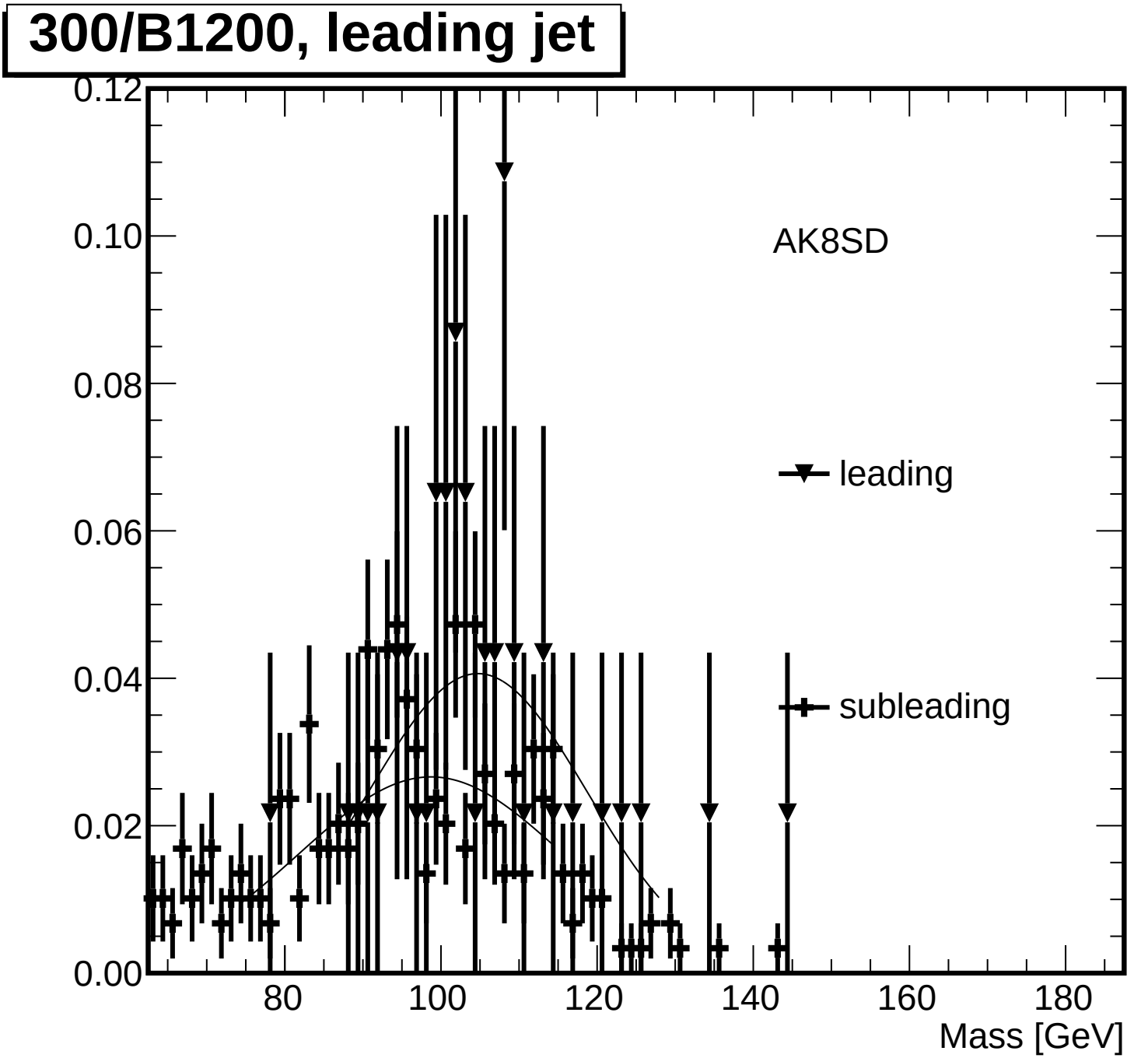

300/B1200, both jets
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]
PR
Mean = -0.132
Sigma = 0.083
PRCorr
Mean = -0.060
Sigma = 0.085
AK8SD
Mean = -0.209
Sigma = 0.109
AK8SDCorrThea
Mean = -0.158
Sigma = 0.096
AK8SDHCorr
Mean = -0.088
Sigma = 0.122

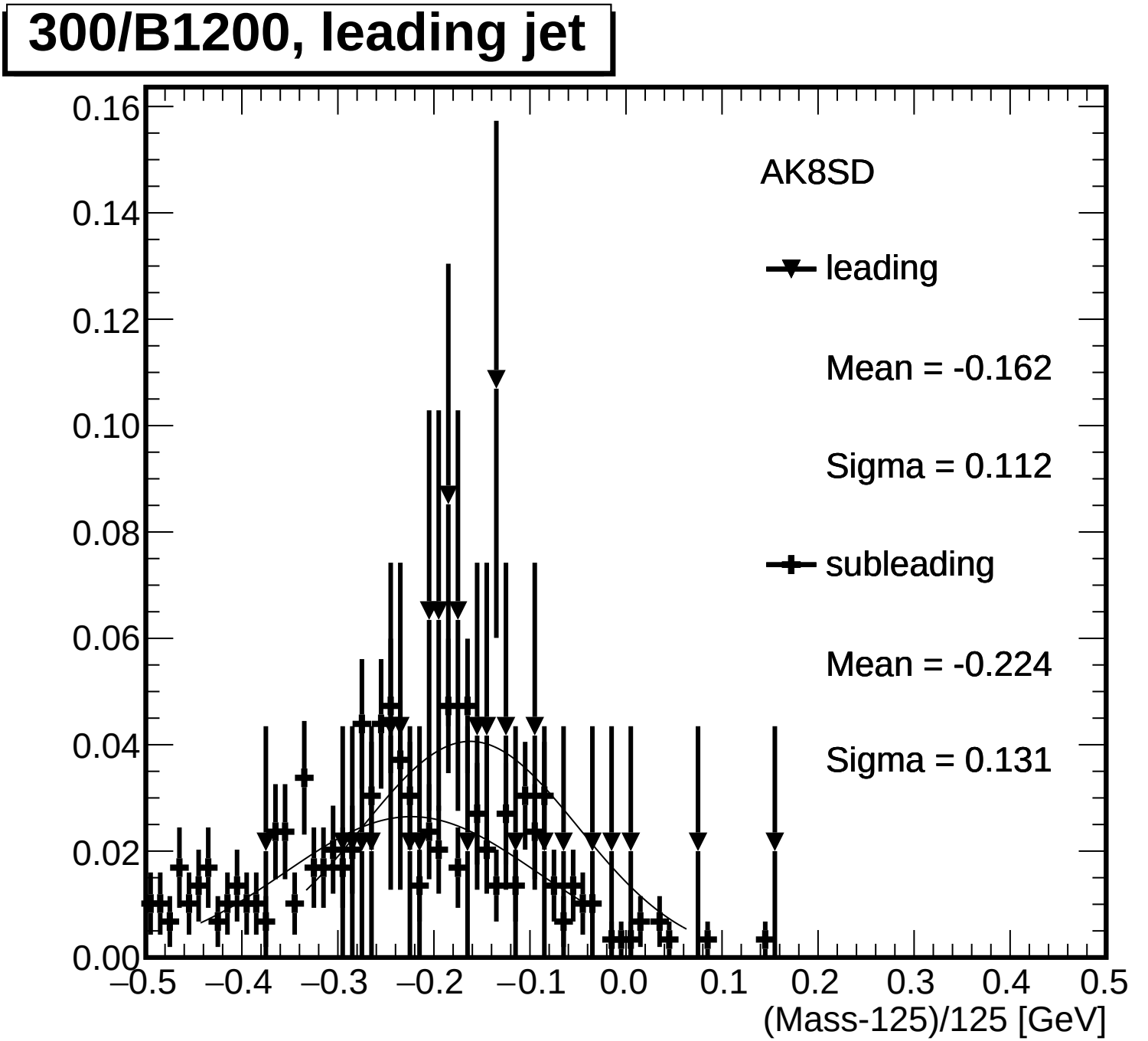

300/B1200, leading jet
0.12
0.10
0.08
0.06
0.04
0.02
0.00
PR
leading
subleading
80
100
120
140
160
180
Mass [GeV]

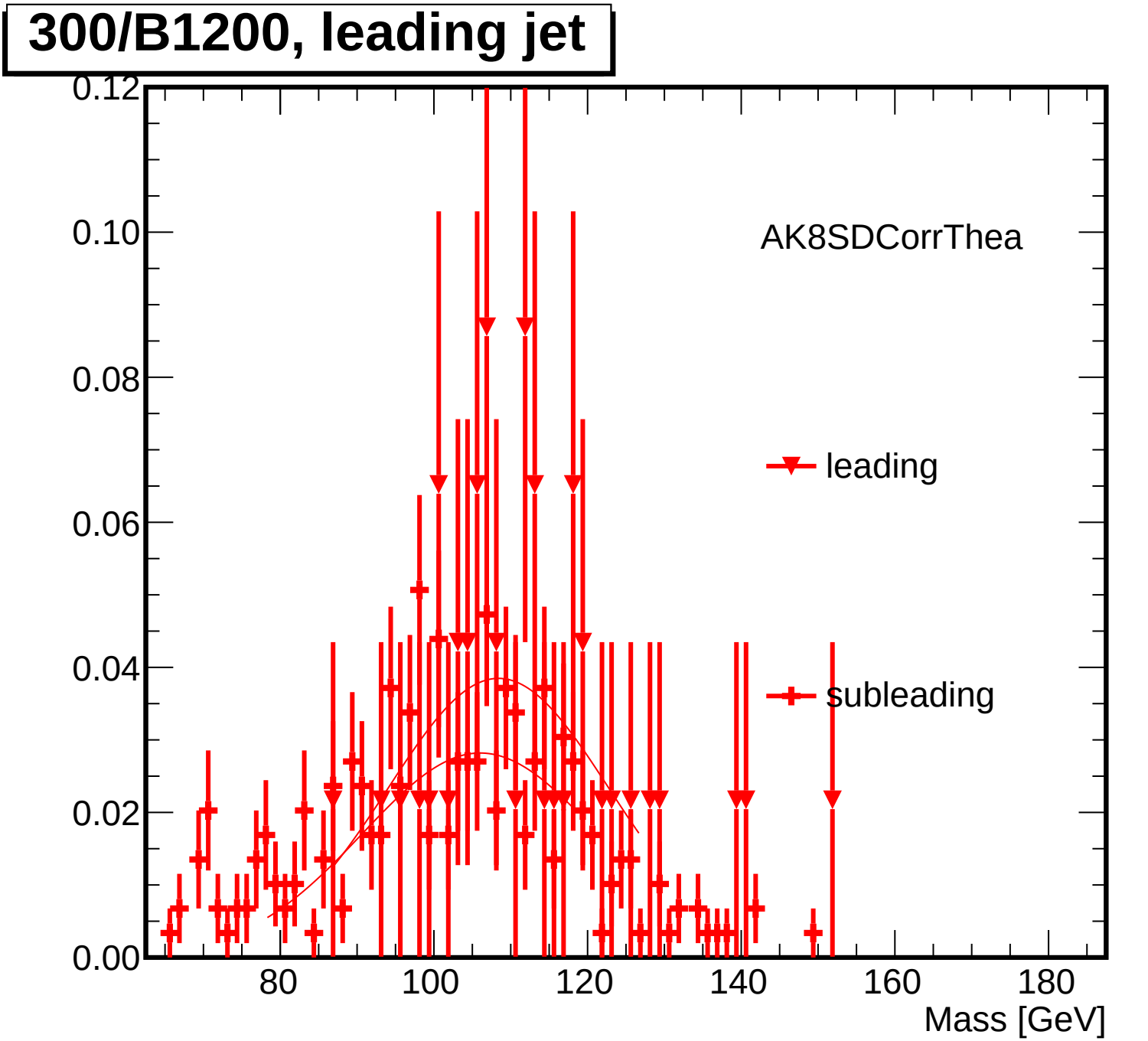

300/B1200, leading jet
PR
leading
Mean = -0.103
Sigma = 0.193
subleading
Mean = -0.136
Sigma = 0.086
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

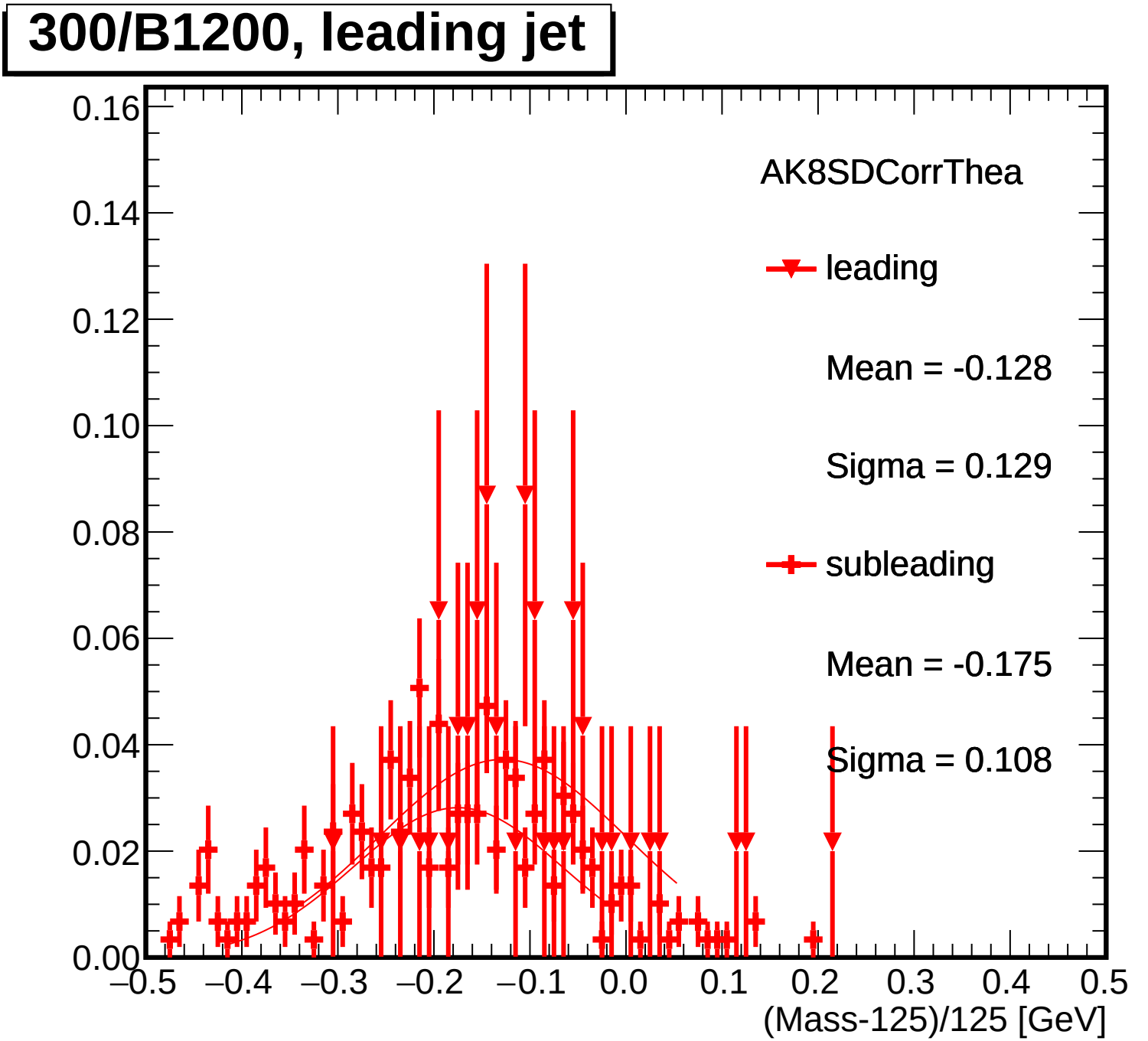

300/B1200, leading jet
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
PRCorr
leading
subleading

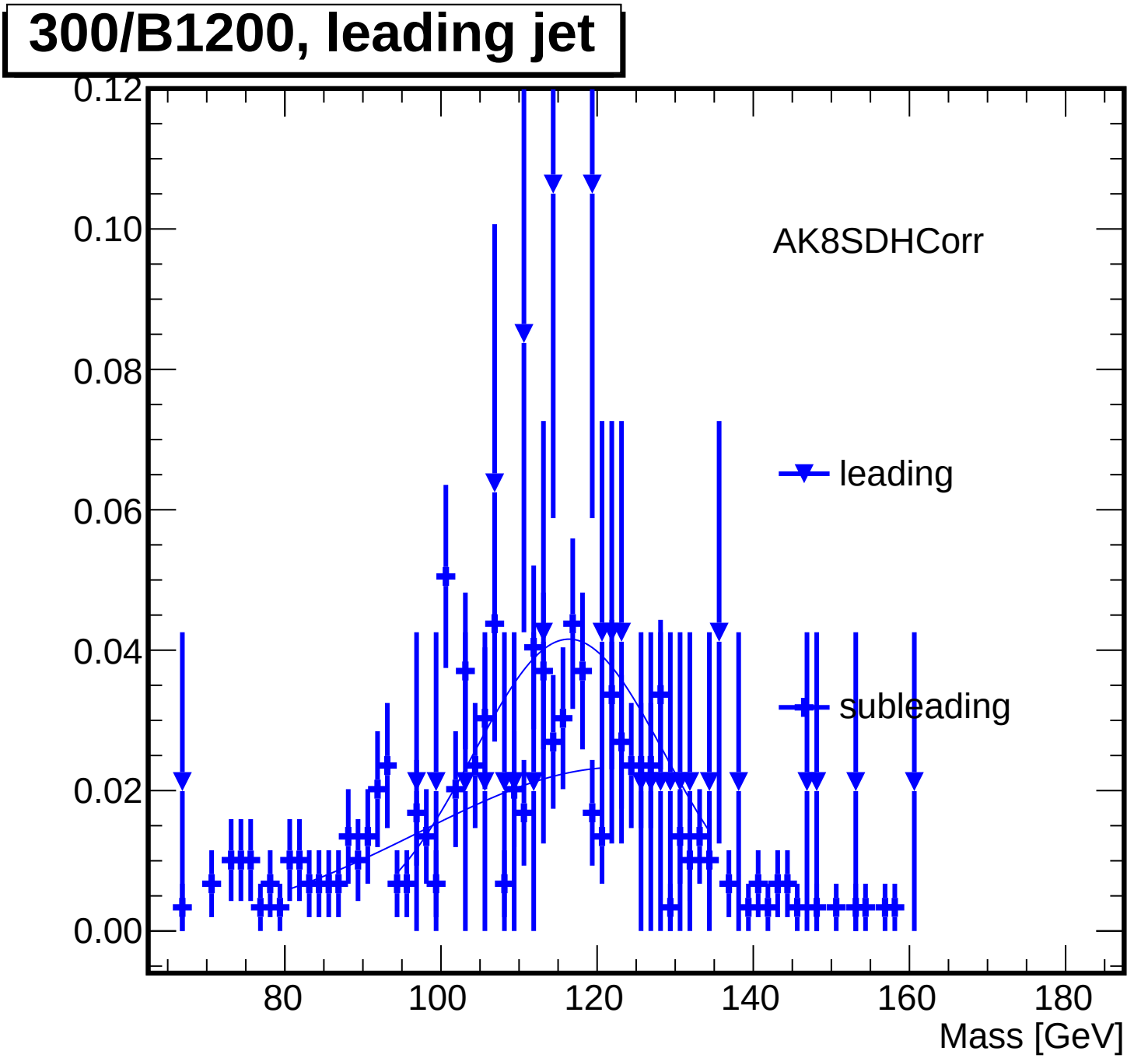

300/B1200, leading jet
PRCorr
leading
Mean = -0.071
Sigma = 0.169
subleading
Mean = -0.065
Sigma = 0.087
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

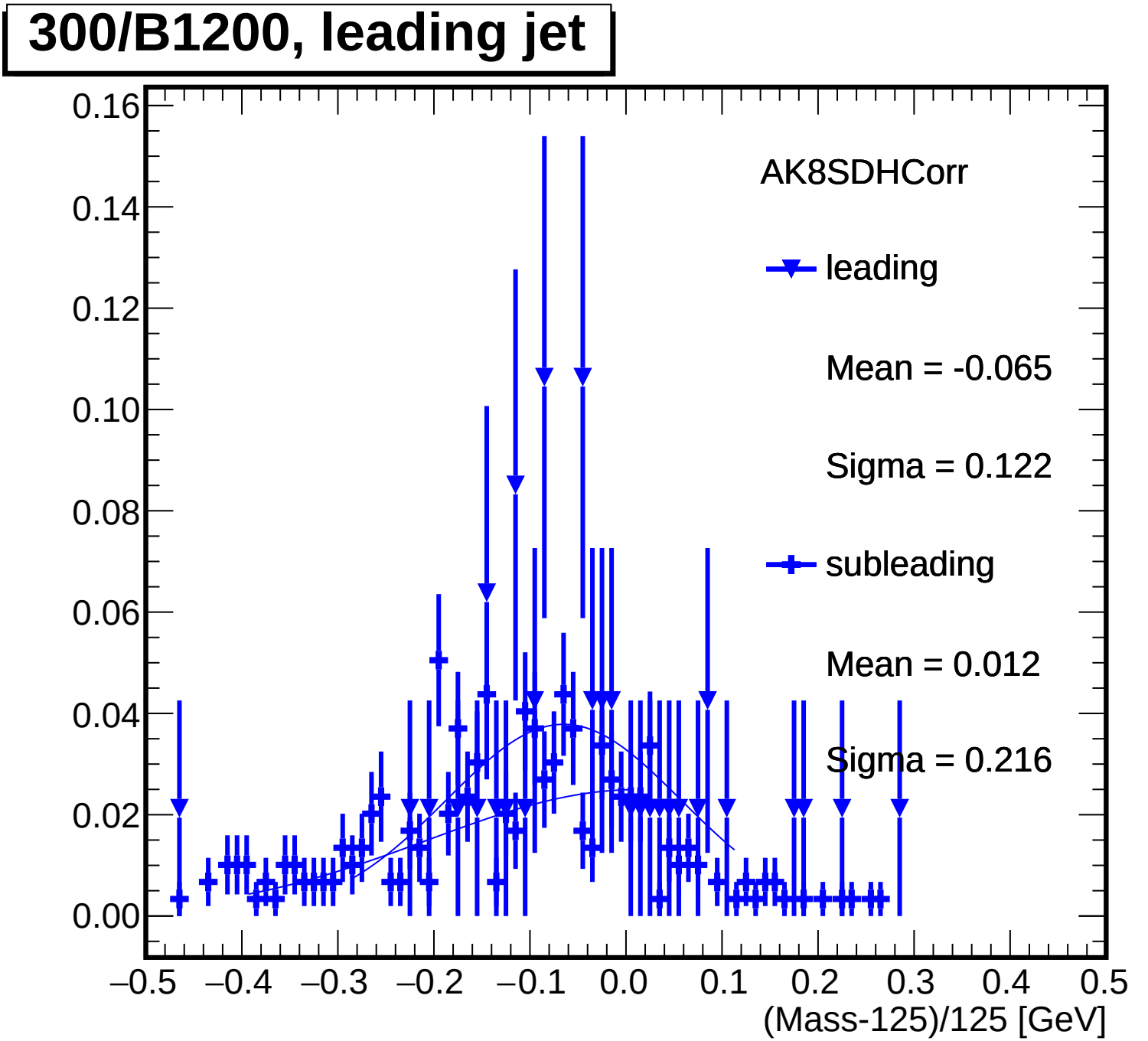

300/B1200, leading jet
0.12
0.10
0.08
0.06
0.04
0.02
0.00
AK8SD
leading
subleading
80
100
120
140
160
180
Mass [GeV]


300/B1200, leading jet
AK8SD
leading
Mean = -0.162
Sigma = 0.112
subleading
Mean = -0.224
Sigma = 0.131
0.16
0.14
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]


300/B1200, leading jet
0.12
0.10
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]
AK8SDCorrThea
leading
subleading


300/B1200, leading jet
AK8SDCorrThea
leading
Mean = -0.128
Sigma = 0.129
subleading
Mean = -0.175
Sigma = 0.108
0.16
0.14
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]


300/B1200, leading jet
0.12
0.10
0.08
0.06
0.04
0.02
0.00
AK8SDHCorr
leading
subleading
80
100
120
140
160
180
Mass [GeV]


300/B1200, leading jet
AK8SDHCorr
leading
Mean = -0.065
Sigma = 0.122
subleading
Mean = 0.012
Sigma = 0.216
0.16
0.14
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]