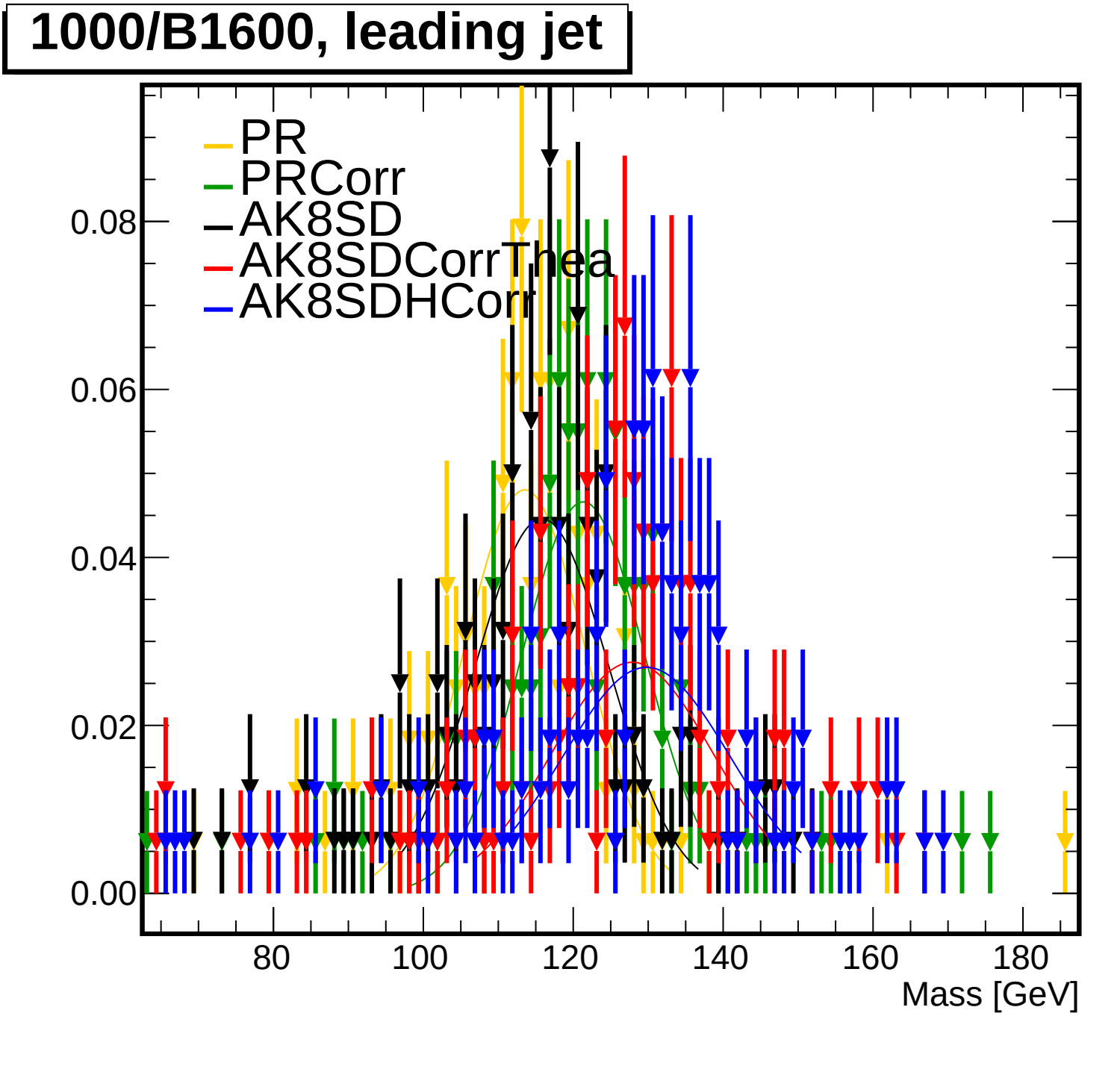
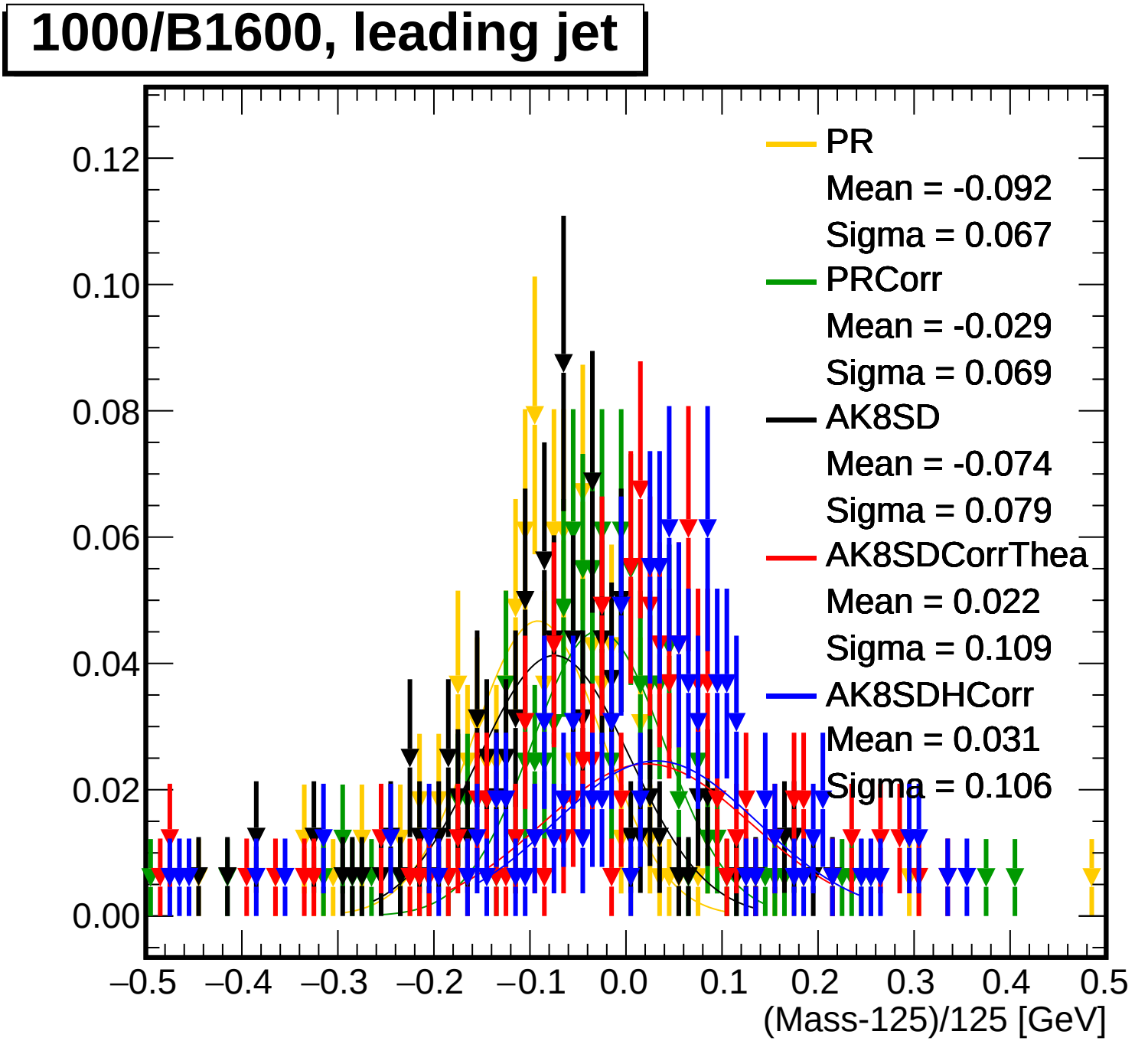
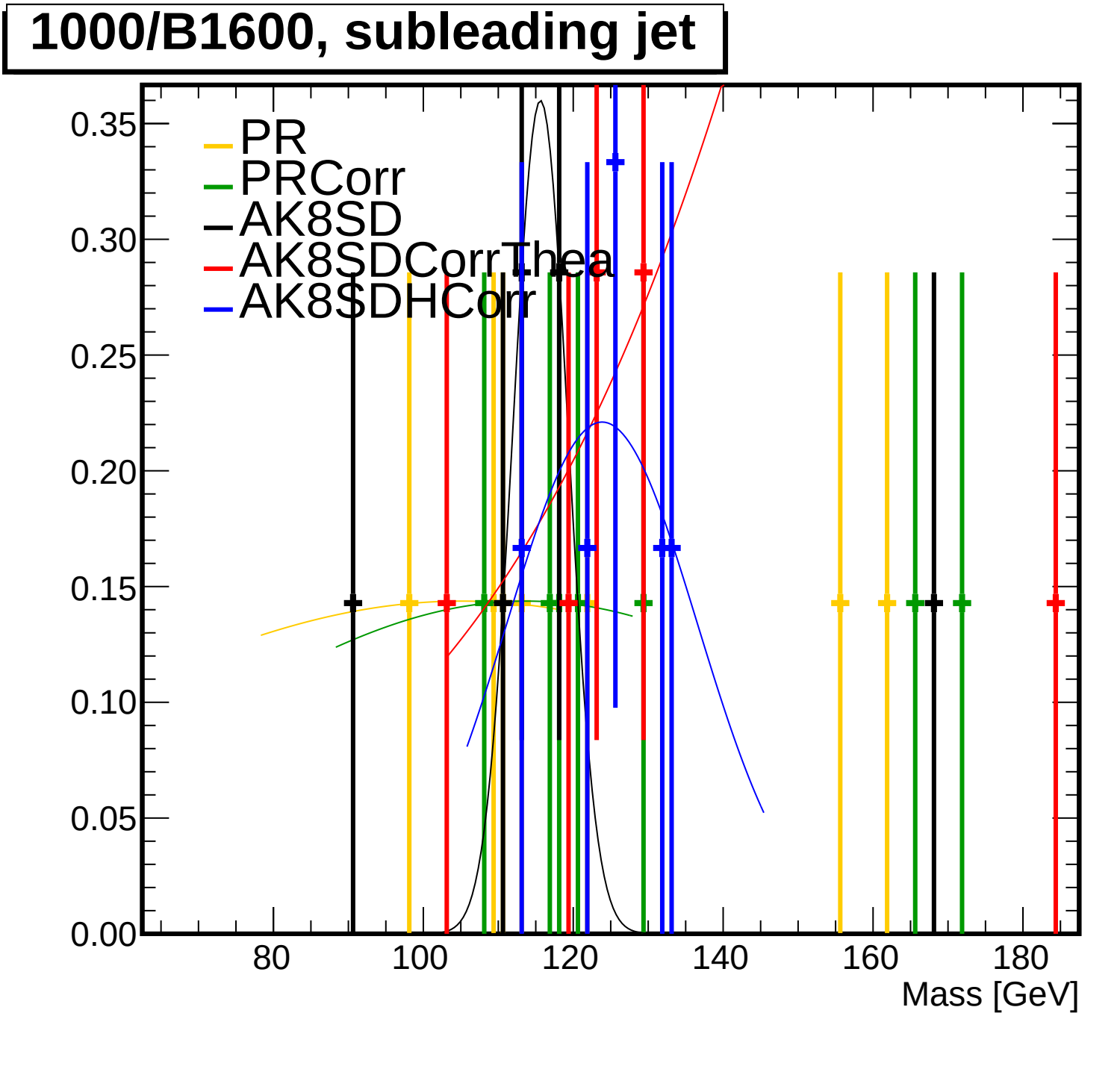
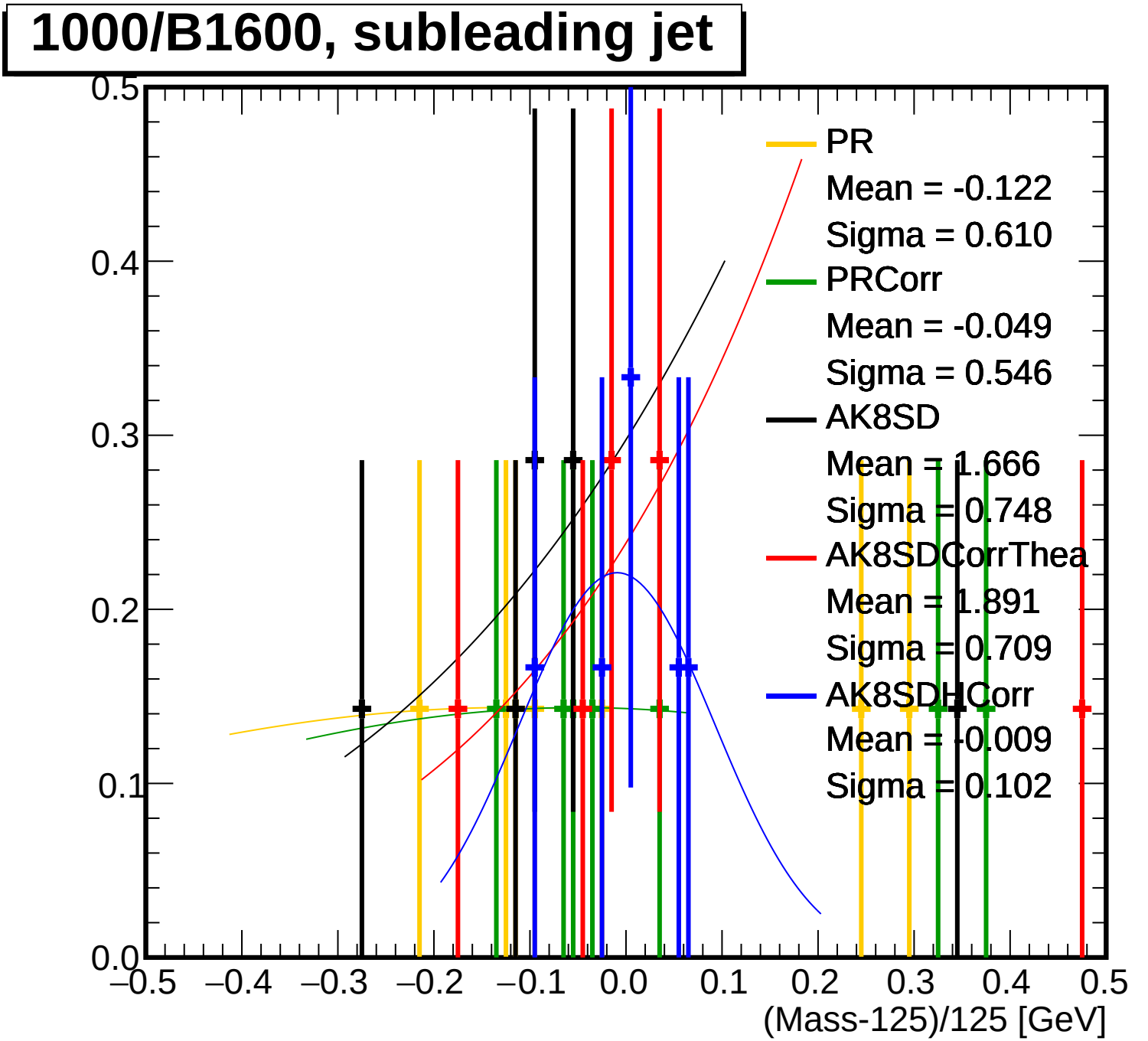
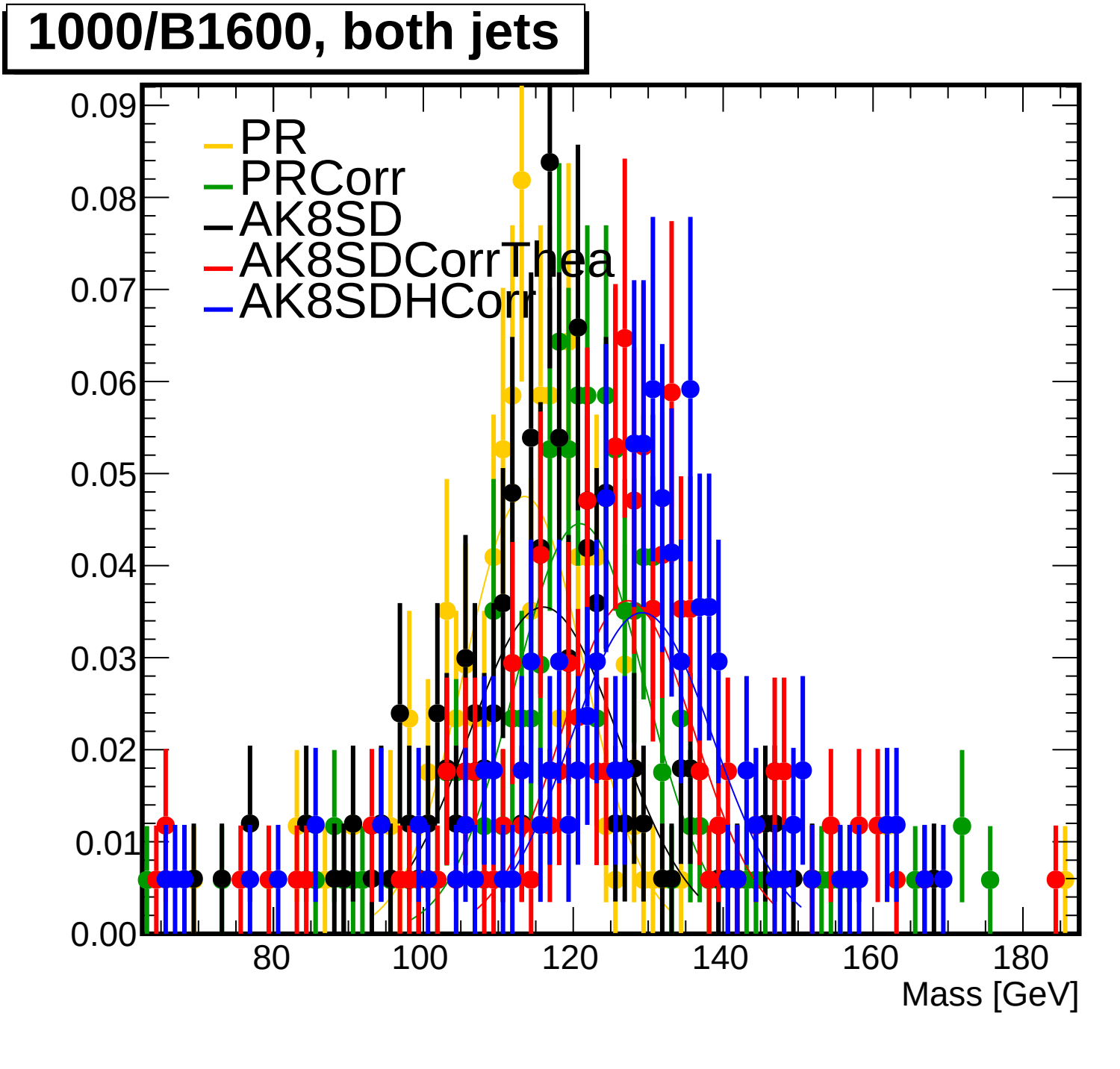
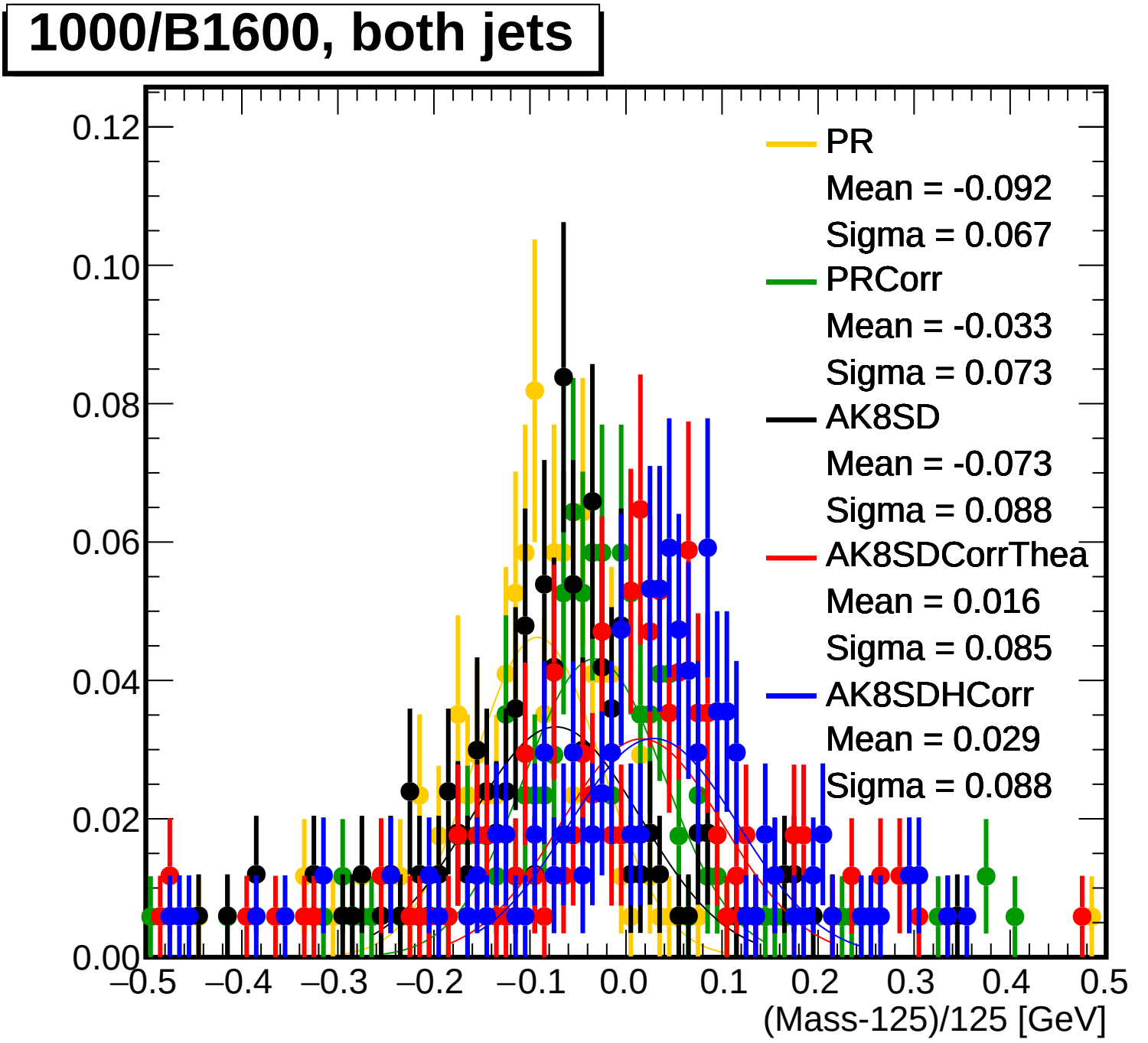

1000/B1600, leading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

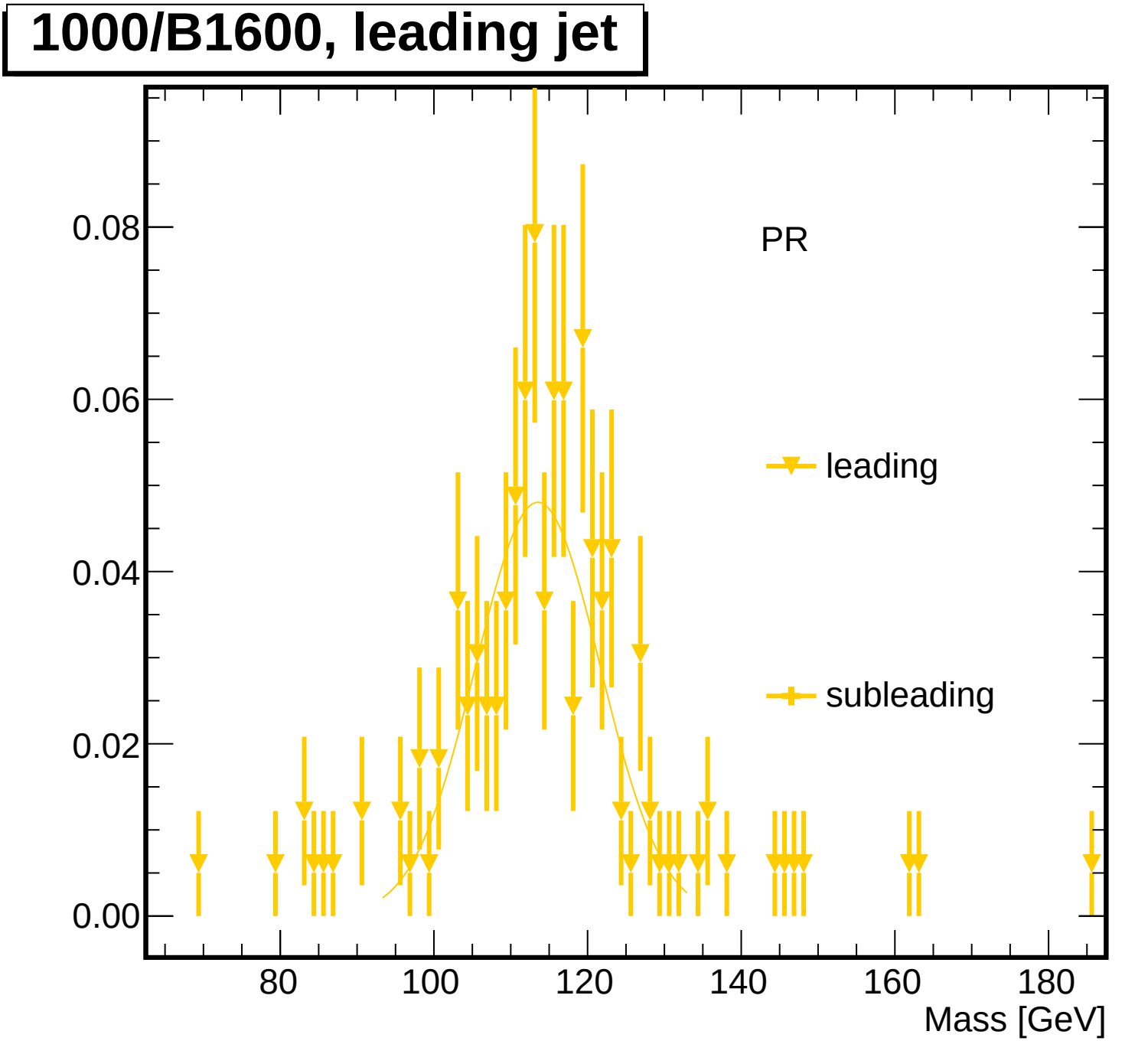

1000/B1600, leading jet
PR
Mean = -0.092
Sigma = 0.067
PRCorr
Mean = -0.029
Sigma = 0.069
AK8SD
Mean = -0.074
Sigma = 0.079
AK8SDCorrThea
Mean = 0.022
Sigma = 0.109
AK8SDHCorr
Mean = 0.031
Sigma = 0.106
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

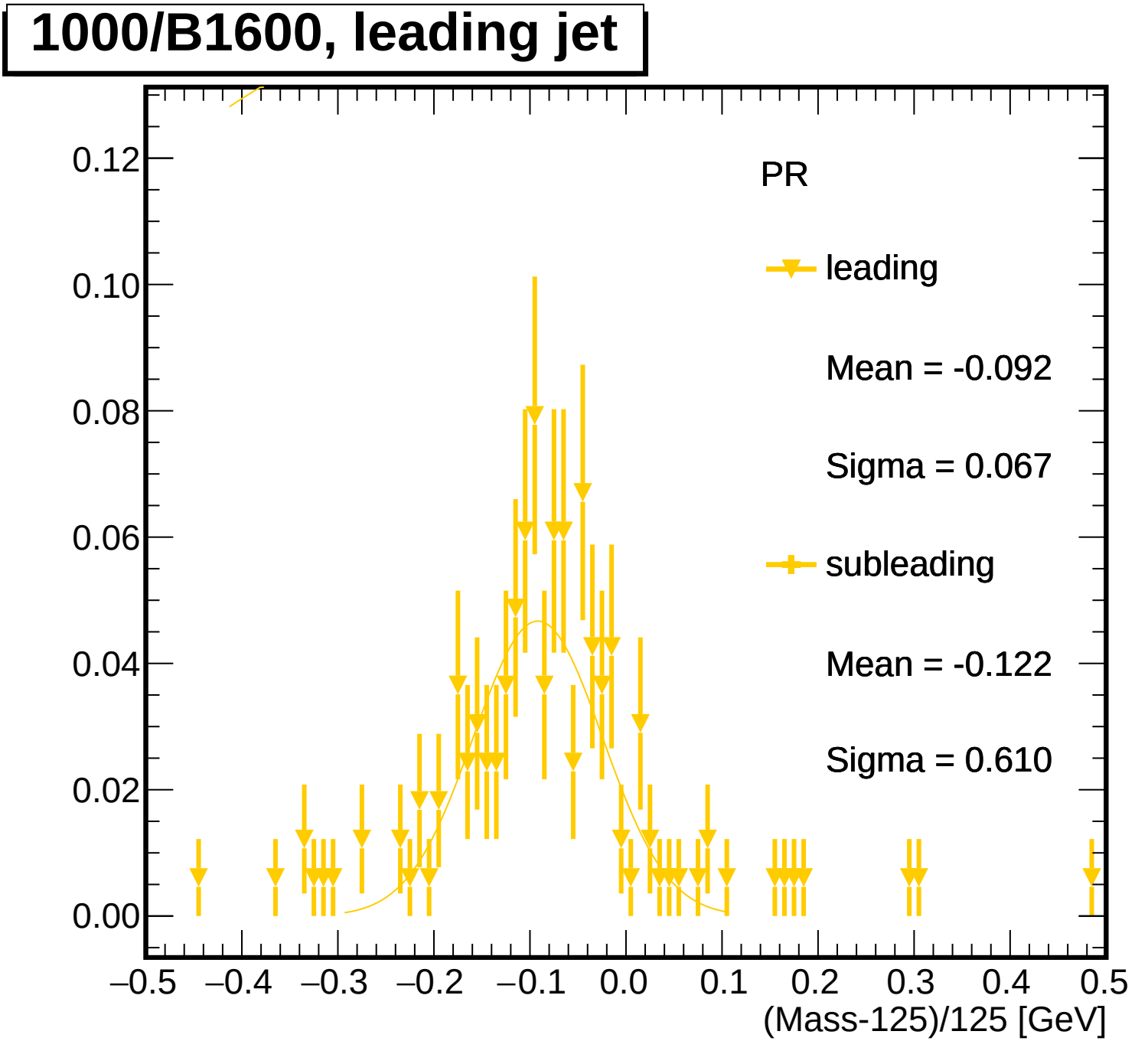

1000/B1600, subleading jet
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
80
100
120
140
160
180
Mass [GeV]

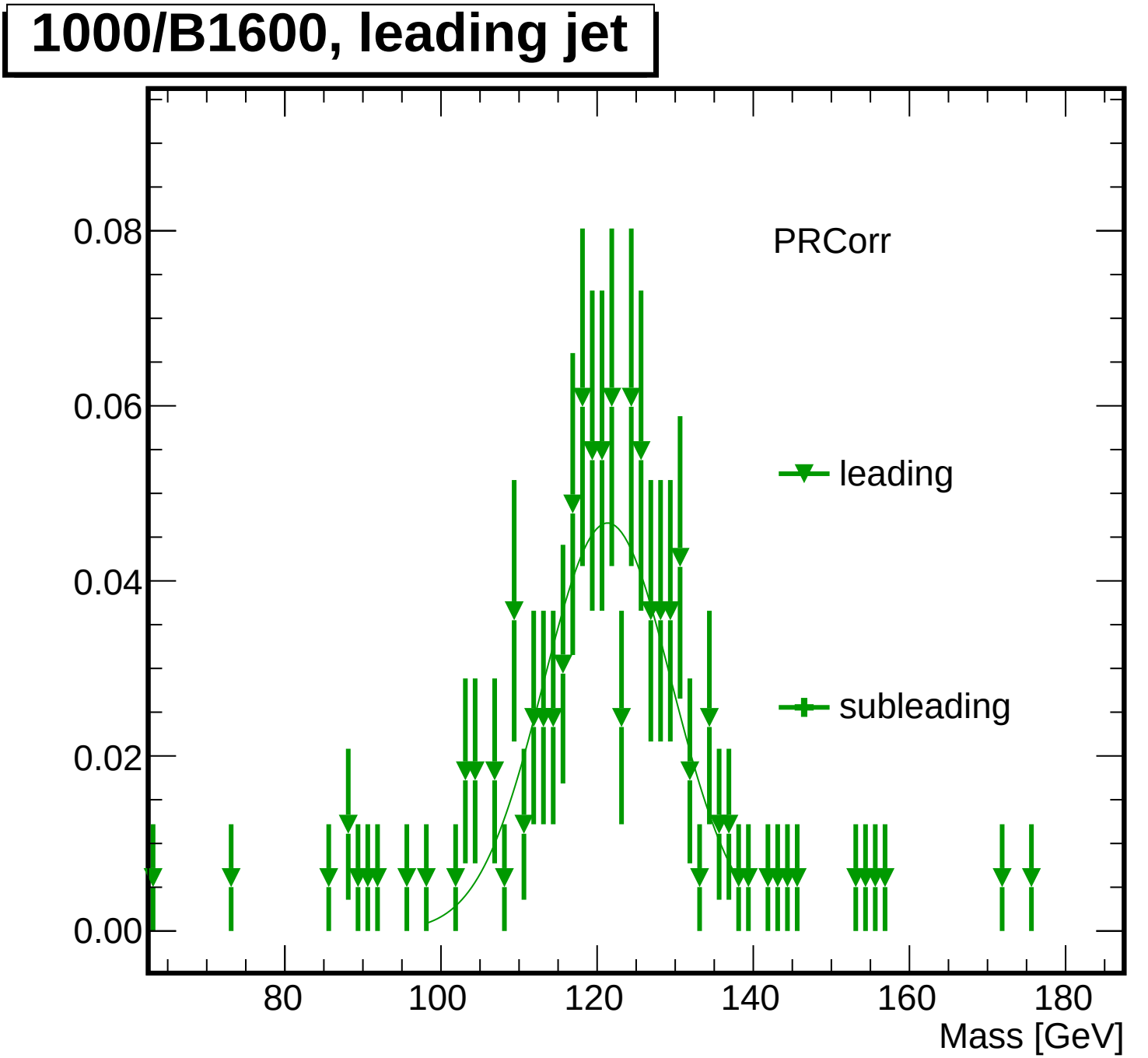

1000/B1600, subleading jet
PR
Mean = -0.122
Sigma = 0.610
PRCorr
Mean = -0.049
Sigma = 0.546
AK8SD
Mean = 1.666
Sigma = 0.748
AK8SDCorrThea
Mean = 1.891
Sigma = 0.709
AK8SDHCorr
Mean = -0.009
Sigma = 0.102
0.5
0.4
0.3
0.2
0.1
0.0
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

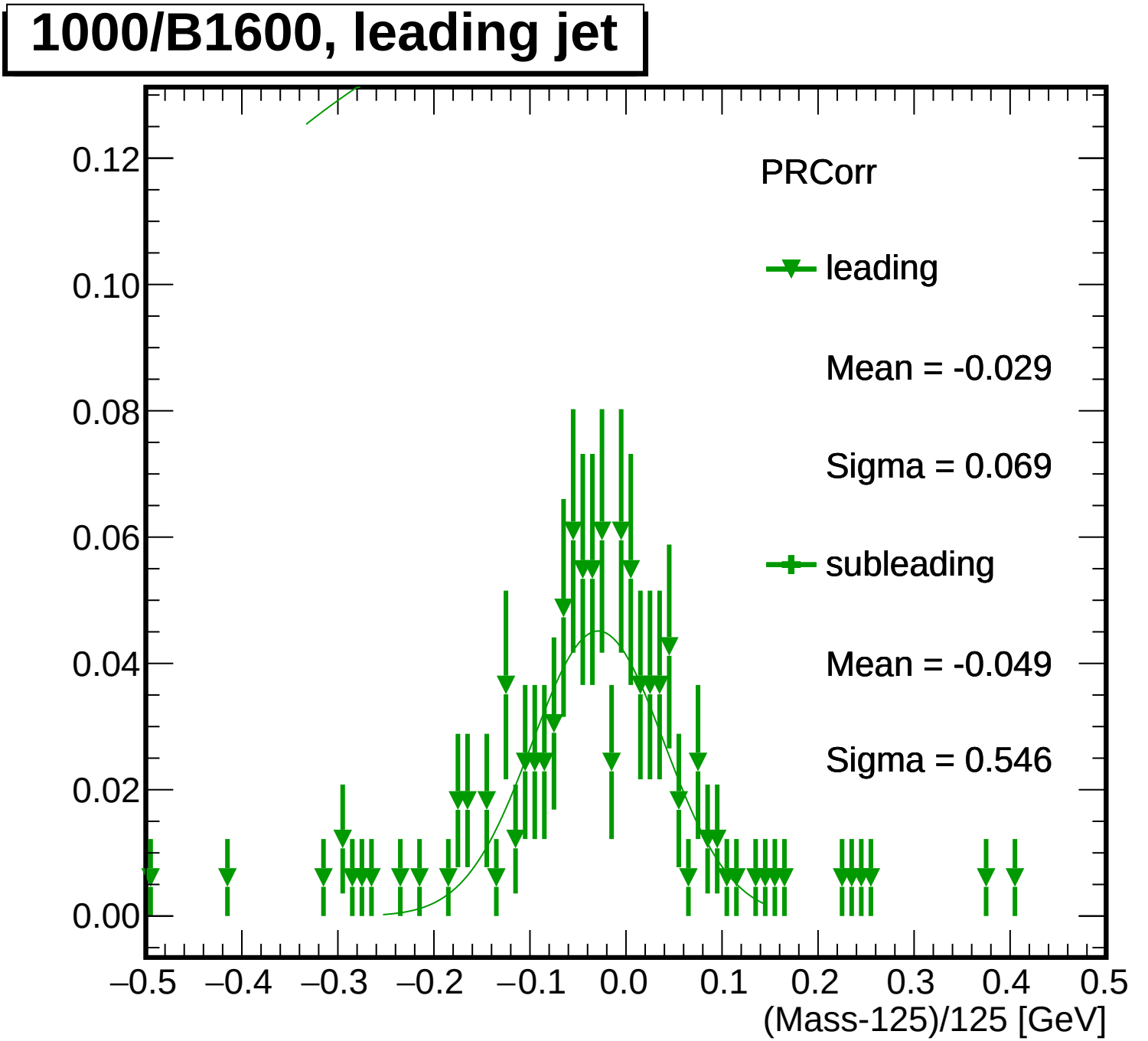

1000/B1600, both jets
PR
PRCorr
AK8SD
AK8SDCorrThea
AK8SDHCorr
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]

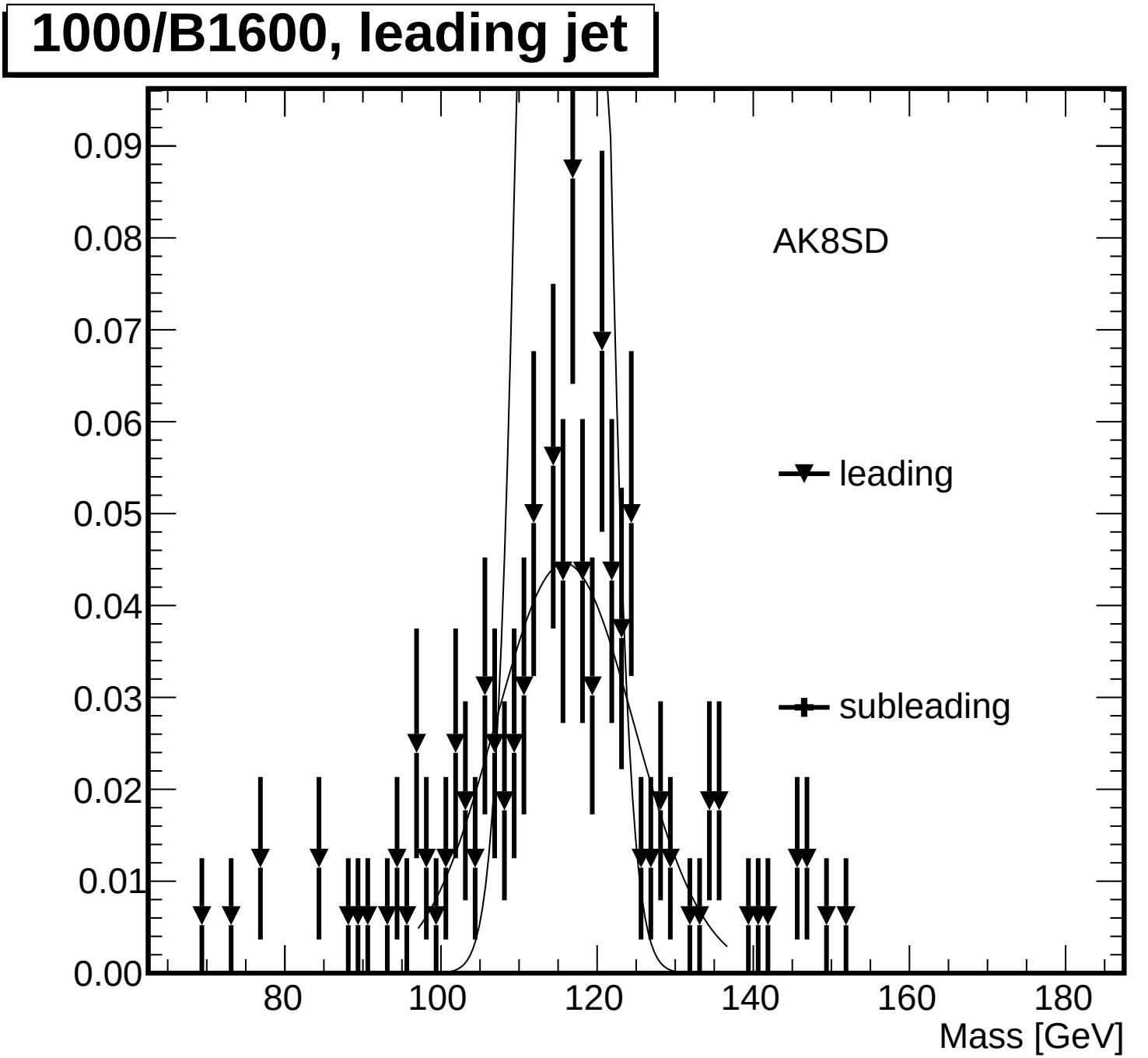

1000/B1600, both jets
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]
PR
Mean = -0.092
Sigma = 0.067
PRCorr
Mean = -0.033
Sigma = 0.073
AK8SD
Mean = -0.073
Sigma = 0.088
AK8SDCorrThea
Mean = 0.016
Sigma = 0.085
AK8SDHCorr
Mean = 0.029
Sigma = 0.088

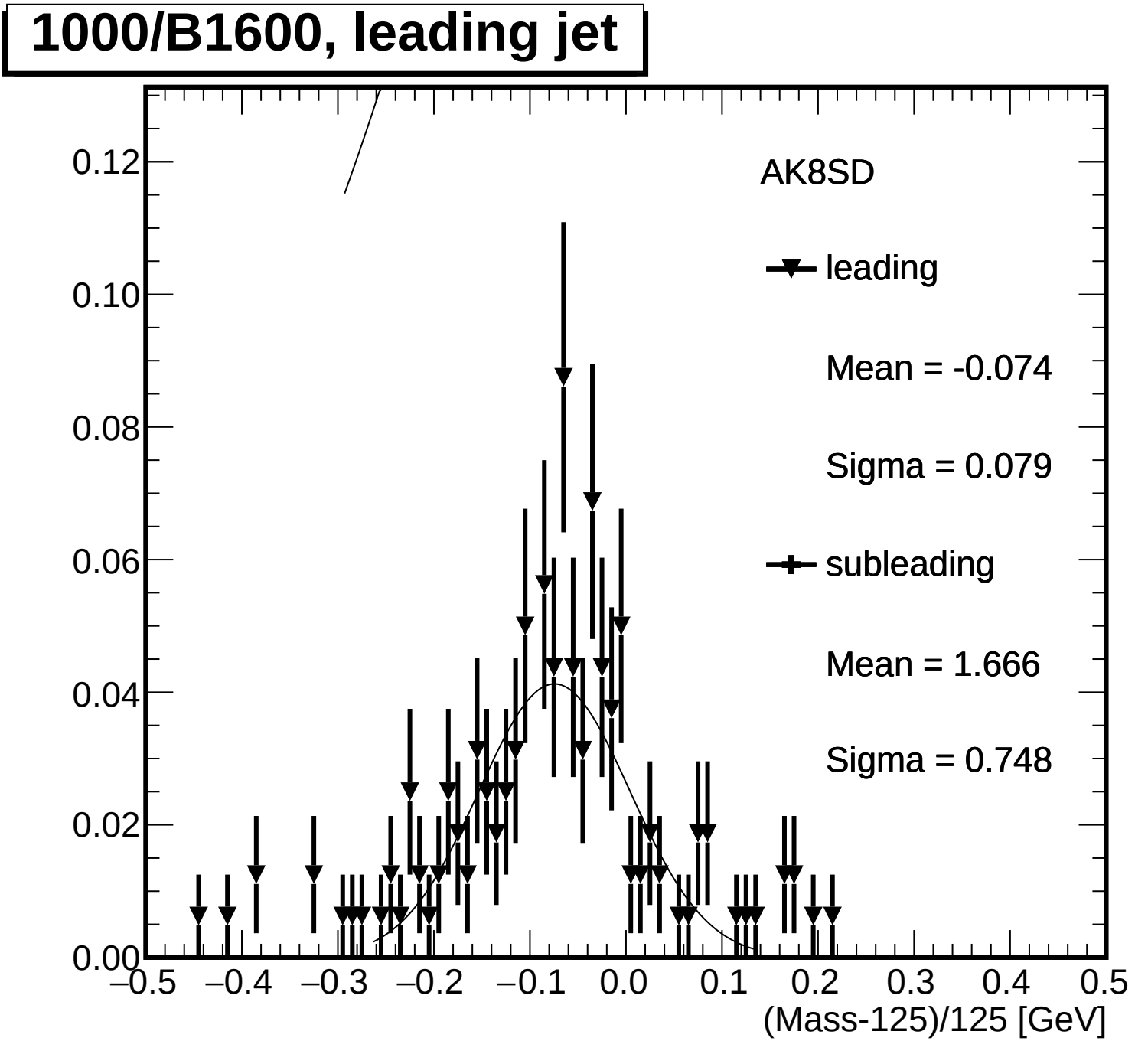

1000/B1600, leading jet
PR
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

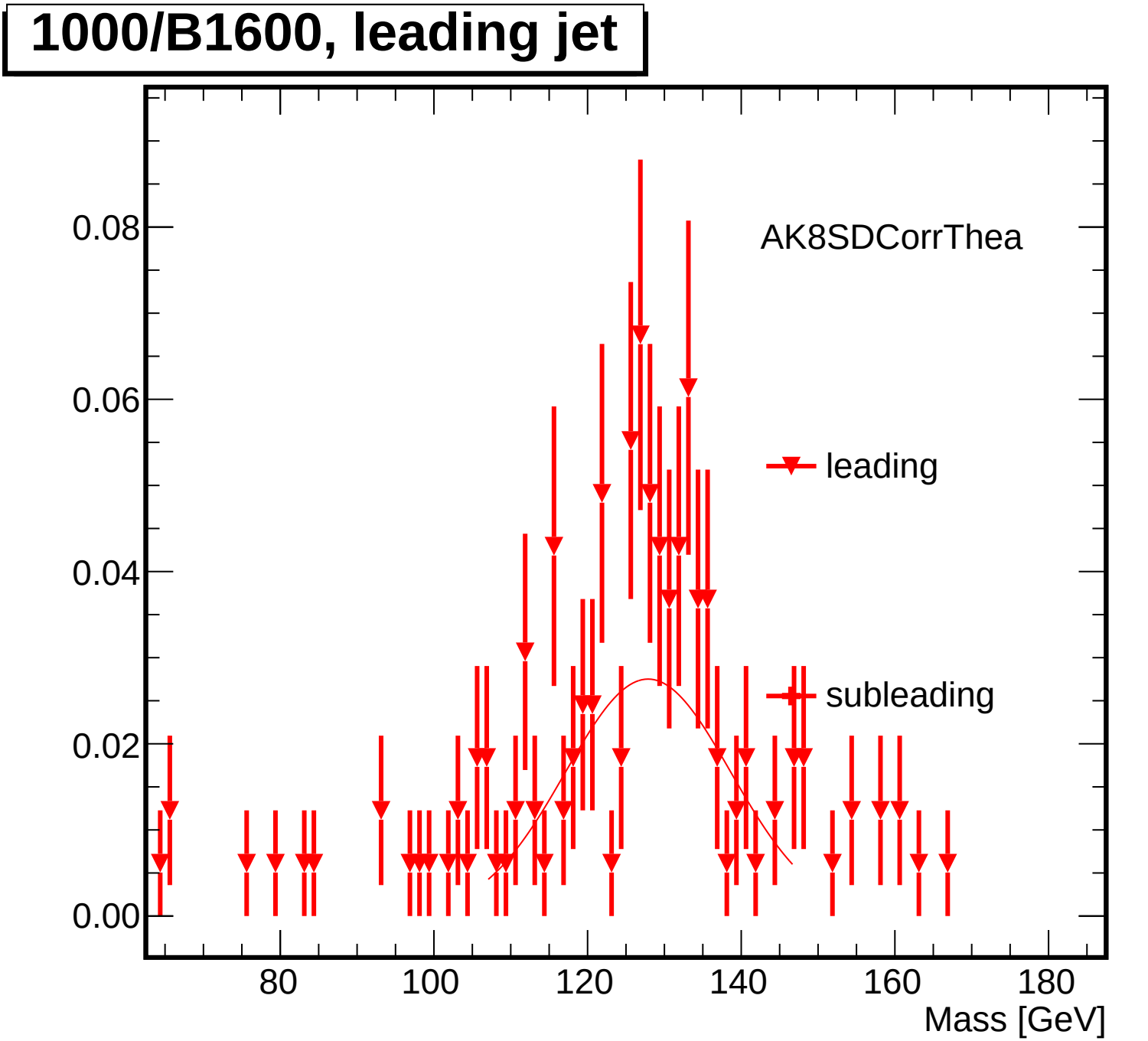

1000/B1600, leading jet
PR
leading
Mean = -0.092
Sigma = 0.067
subleading
Mean = -0.122
Sigma = 0.610
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

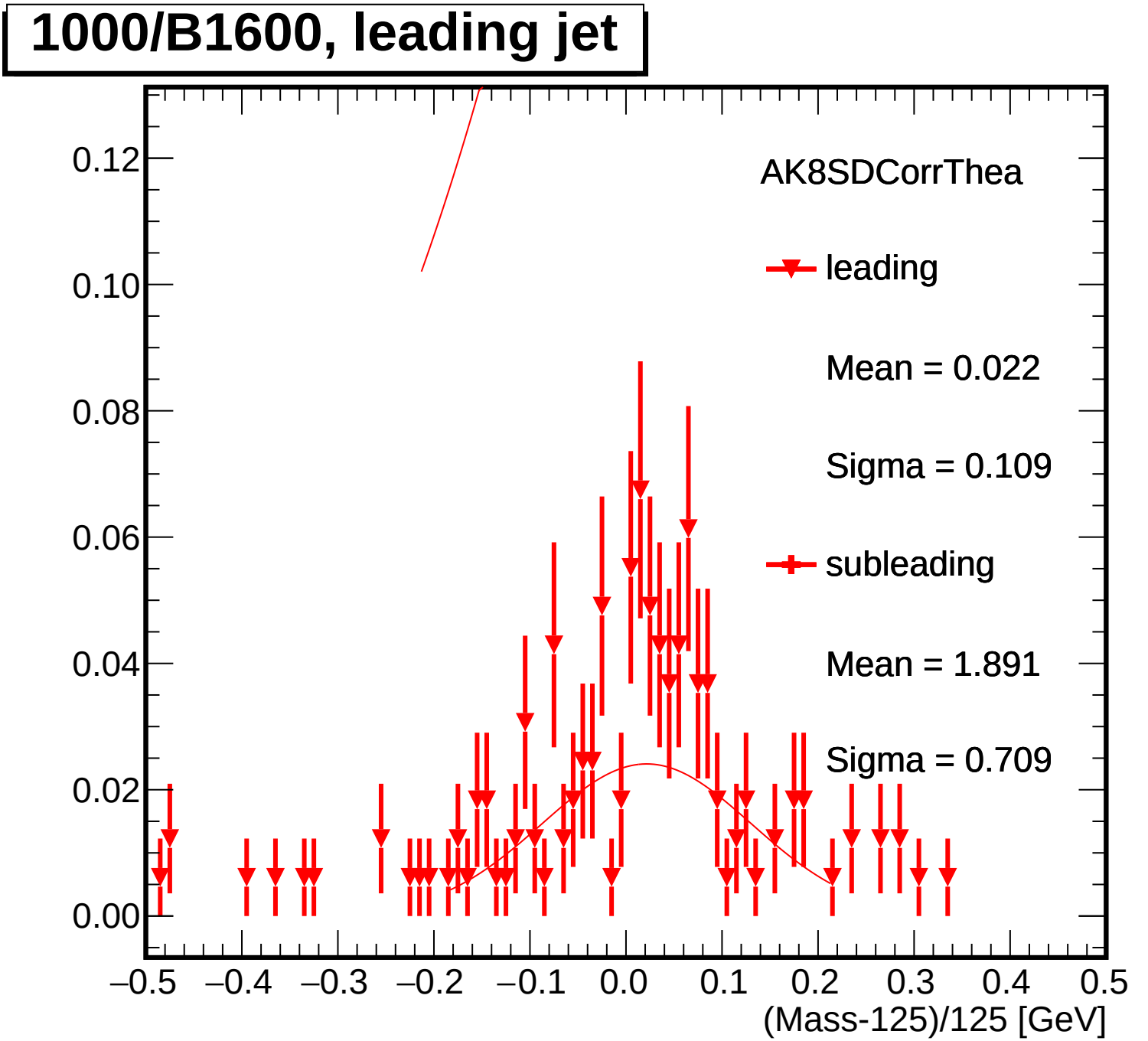

1000/B1600, leading jet
PRCorr
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]

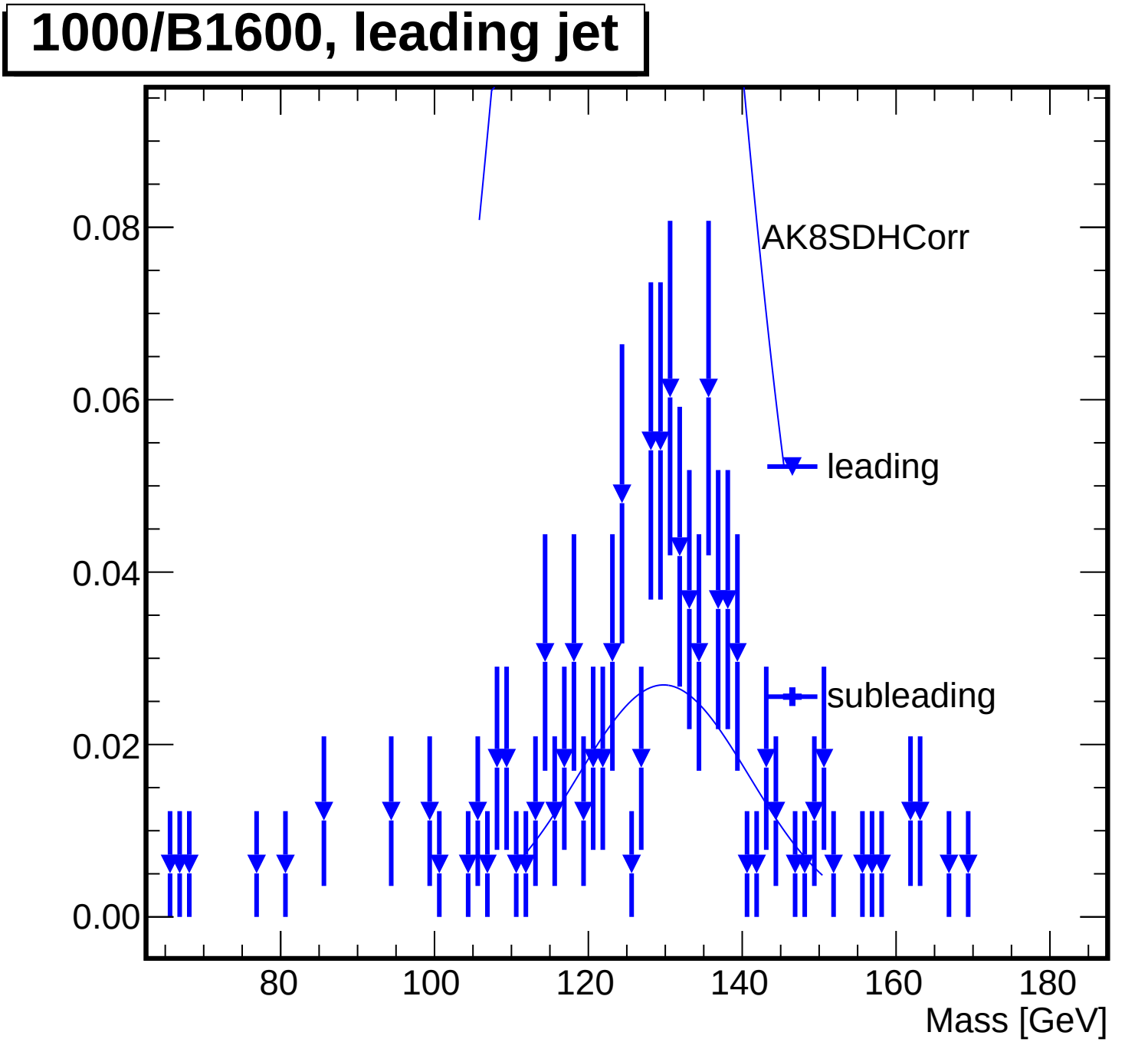

1000/B1600, leading jet
PRCorr
leading
Mean = -0.029
Sigma = 0.069
subleading
Mean = -0.049
Sigma = 0.546
0.12
0.10
0.08
0.06
0.04
0.02
0.00
–0.5
–0.4
–0.3
–0.2
–0.1
0.0
0.1
0.2
0.3
0.4
0.5
(Mass-125)/125 [GeV]

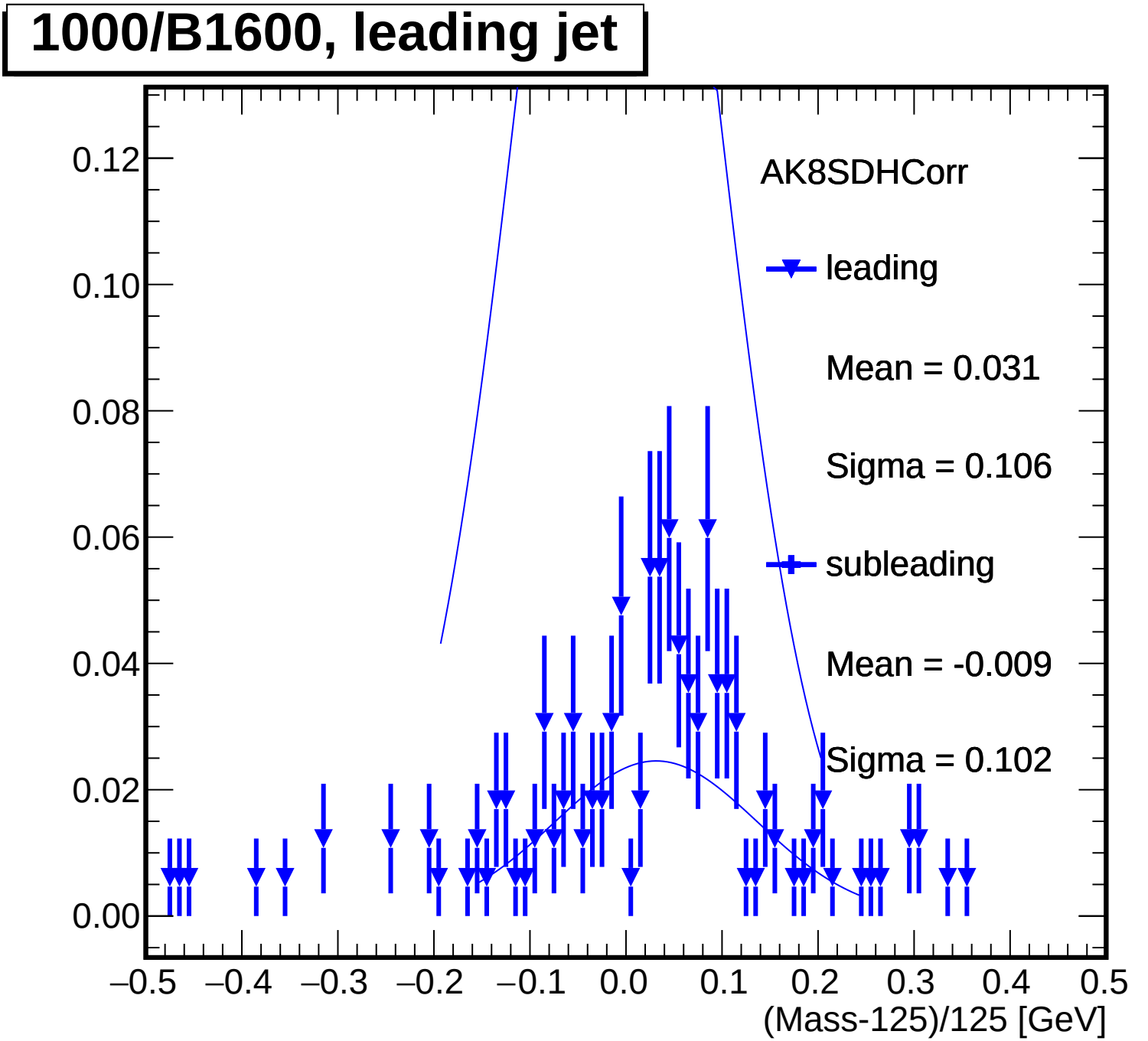

1000/B1600, leading jet
AK8SD
leading
subleading
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B1600, leading jet
AK8SD
leading
Mean = -0.074
Sigma = 0.079
subleading
Mean = 1.666
Sigma = 0.748
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]


1000/B1600, leading jet
AK8SDCorrThea
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B1600, leading jet
AK8SDCorrThea
leading
Mean = 0.022
Sigma = 0.109
subleading
Mean = 1.891
Sigma = 0.709
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]


1000/B1600, leading jet
AK8SDHCorr
leading
subleading
0.08
0.06
0.04
0.02
0.00
80
100
120
140
160
180
Mass [GeV]


1000/B1600, leading jet
AK8SDHCorr
leading
Mean = 0.031
Sigma = 0.106
subleading
Mean = -0.009
Sigma = 0.102
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]