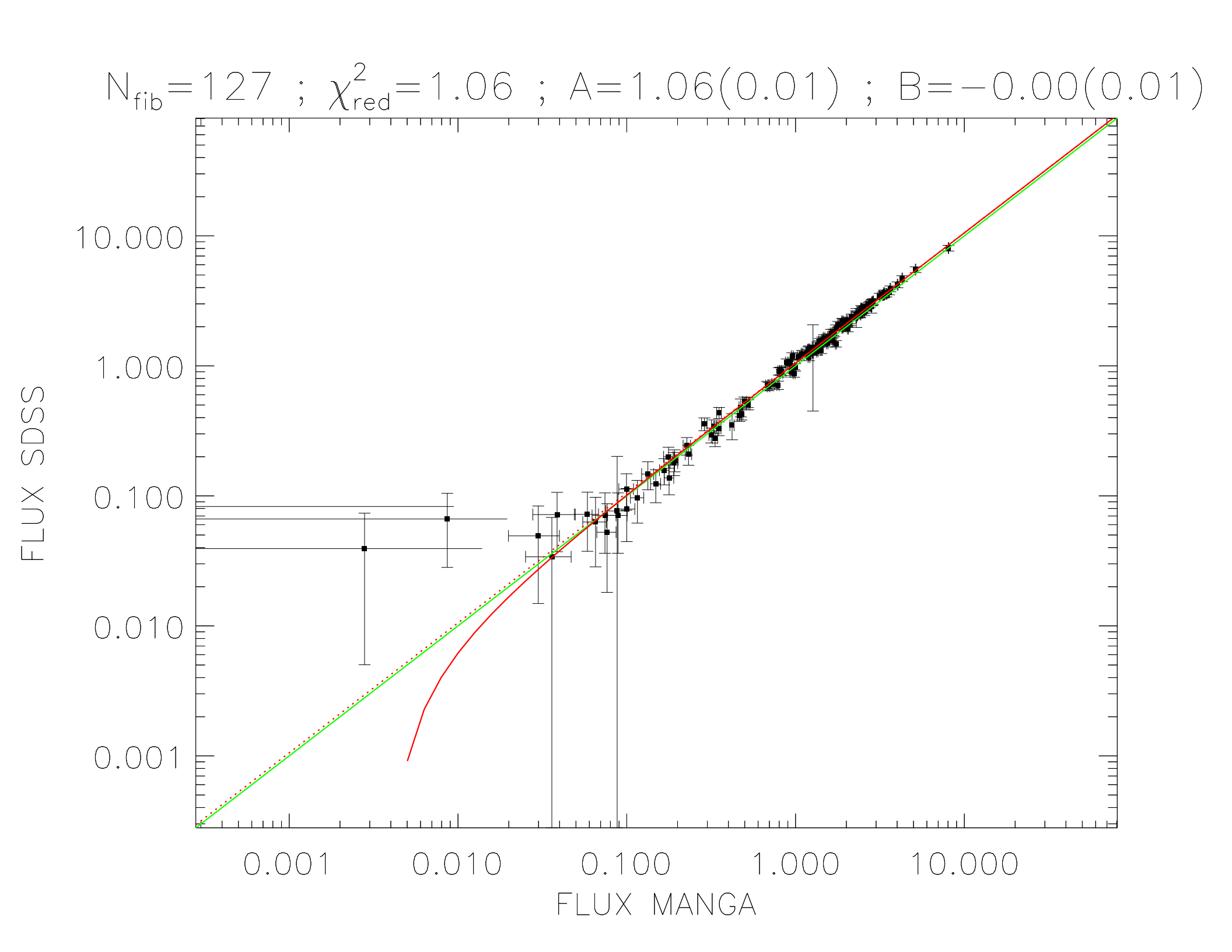
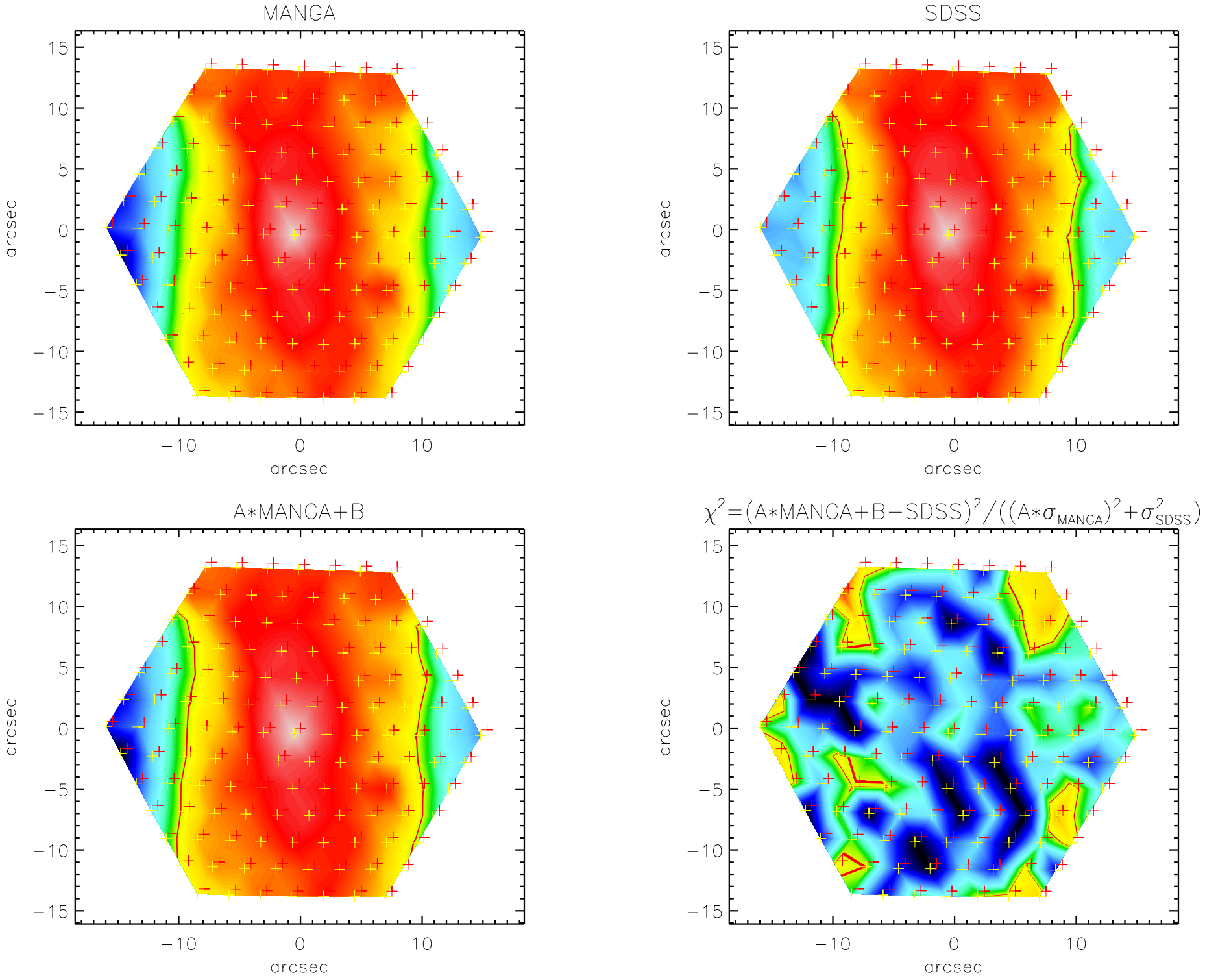
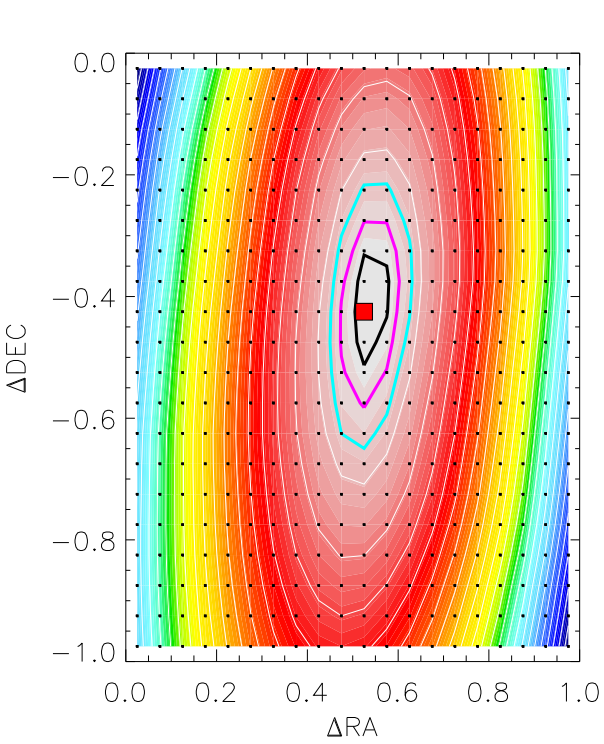
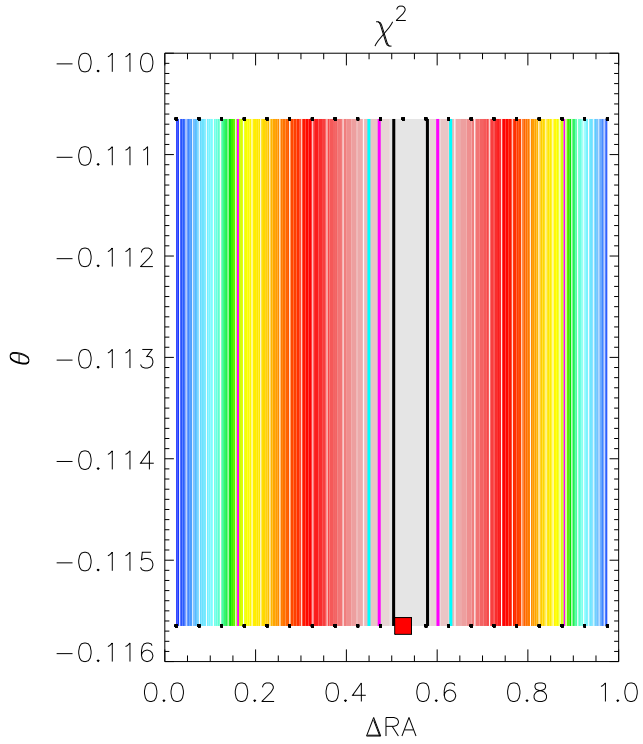
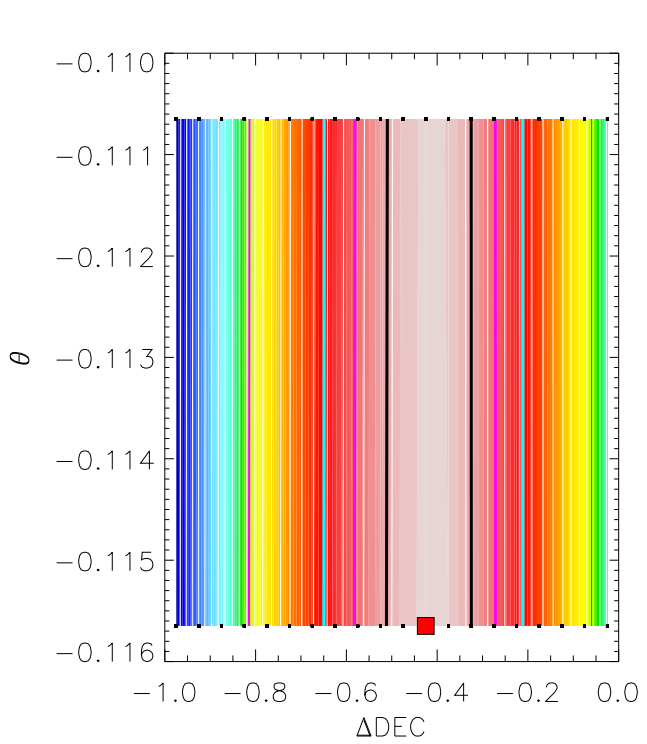
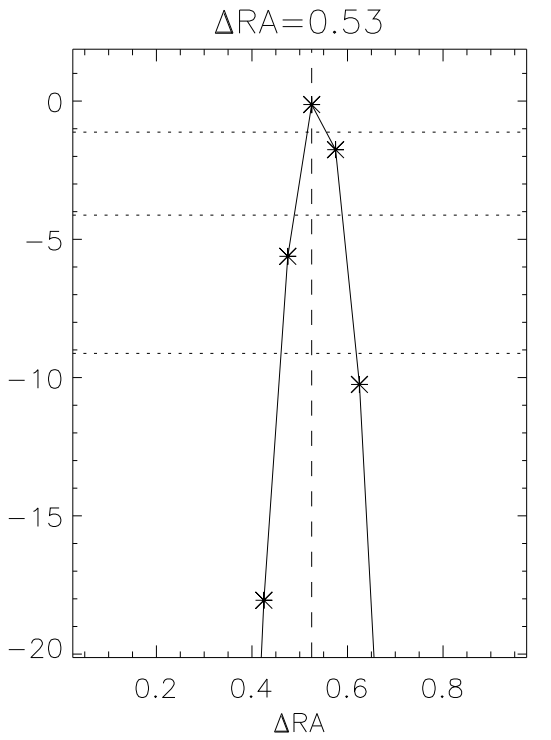

N_{fib}=127 ; χ^2_{red}=1.06 ; A=1.06(0.01) ; B=−0.00(0.01)
FLUX SDSS
10.000
1.000
0.100
0.010
0.001
0.001
0.010
0.100
1.000
10.000
FLUX MANGA

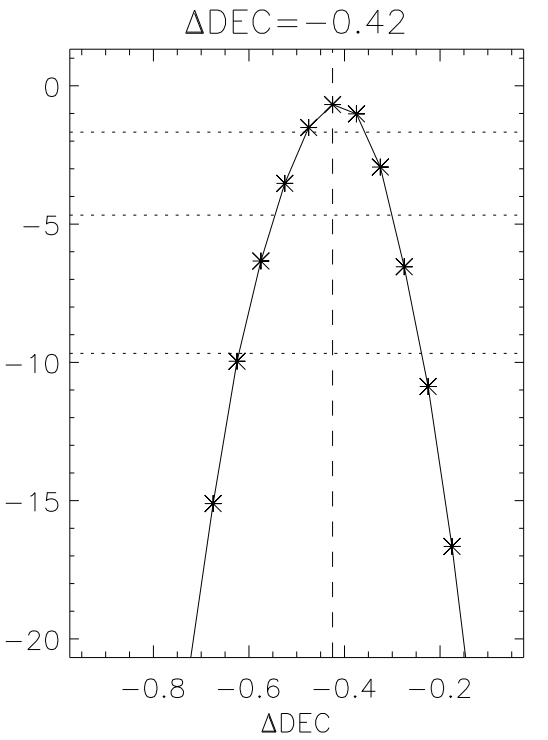

MANGA
SDSS
A∗MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10

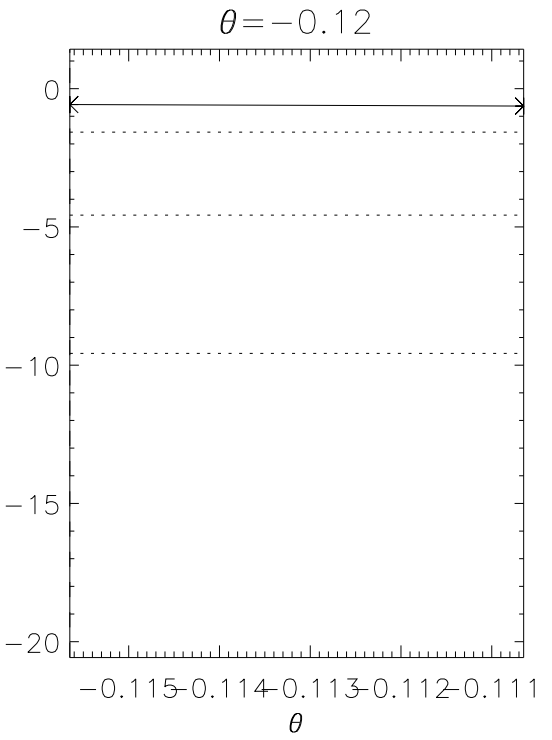

0.0
−0.2
−0.4
−0.6
−0.8
−1.0
ΔDEC
0.0
0.2
0.4
0.6
0.8
1.0
ΔRA

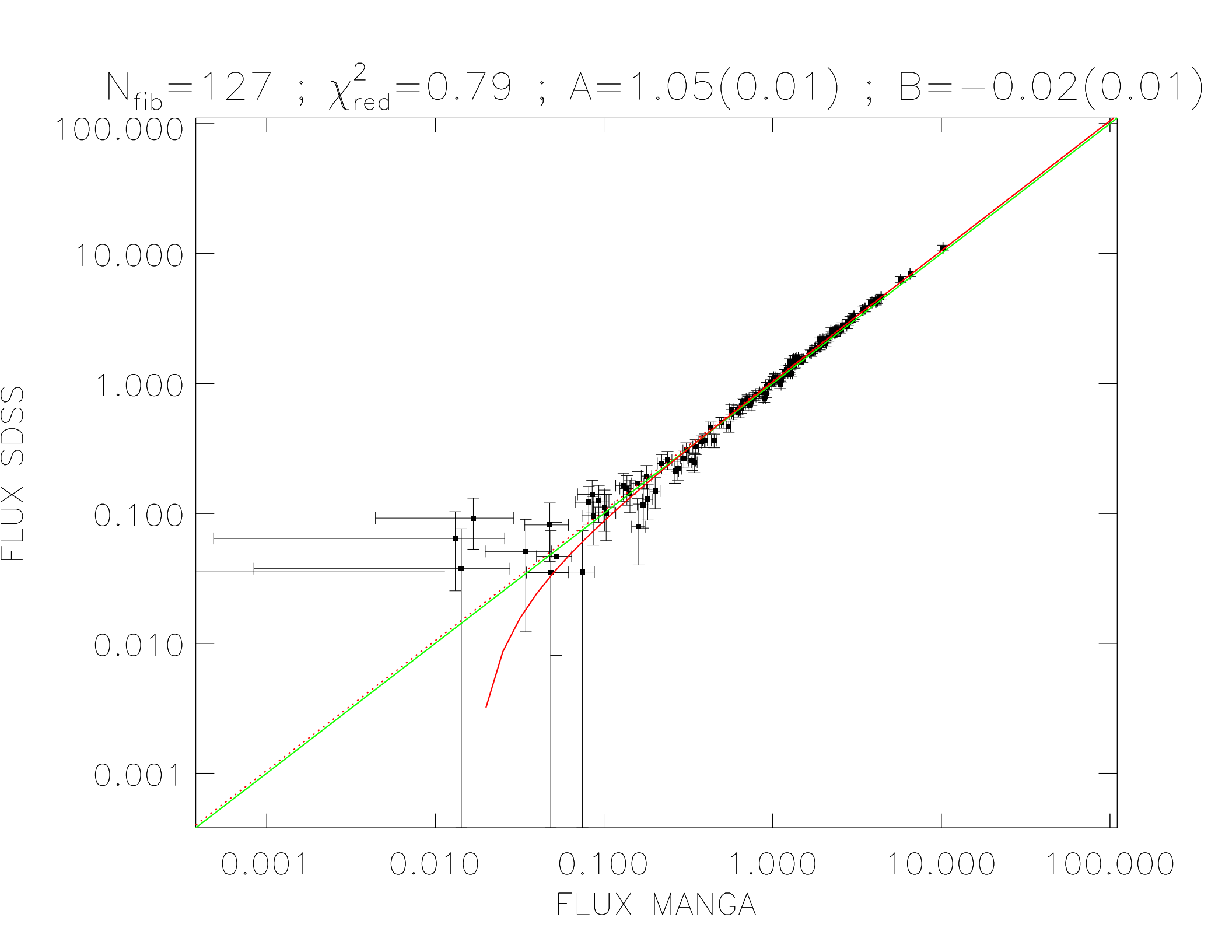

χ²
−0.110
−0.111
−0.112
−0.113
−0.114
−0.115
−0.116
θ
0.0
0.2
0.4
0.6
0.8
1.0
ΔRA

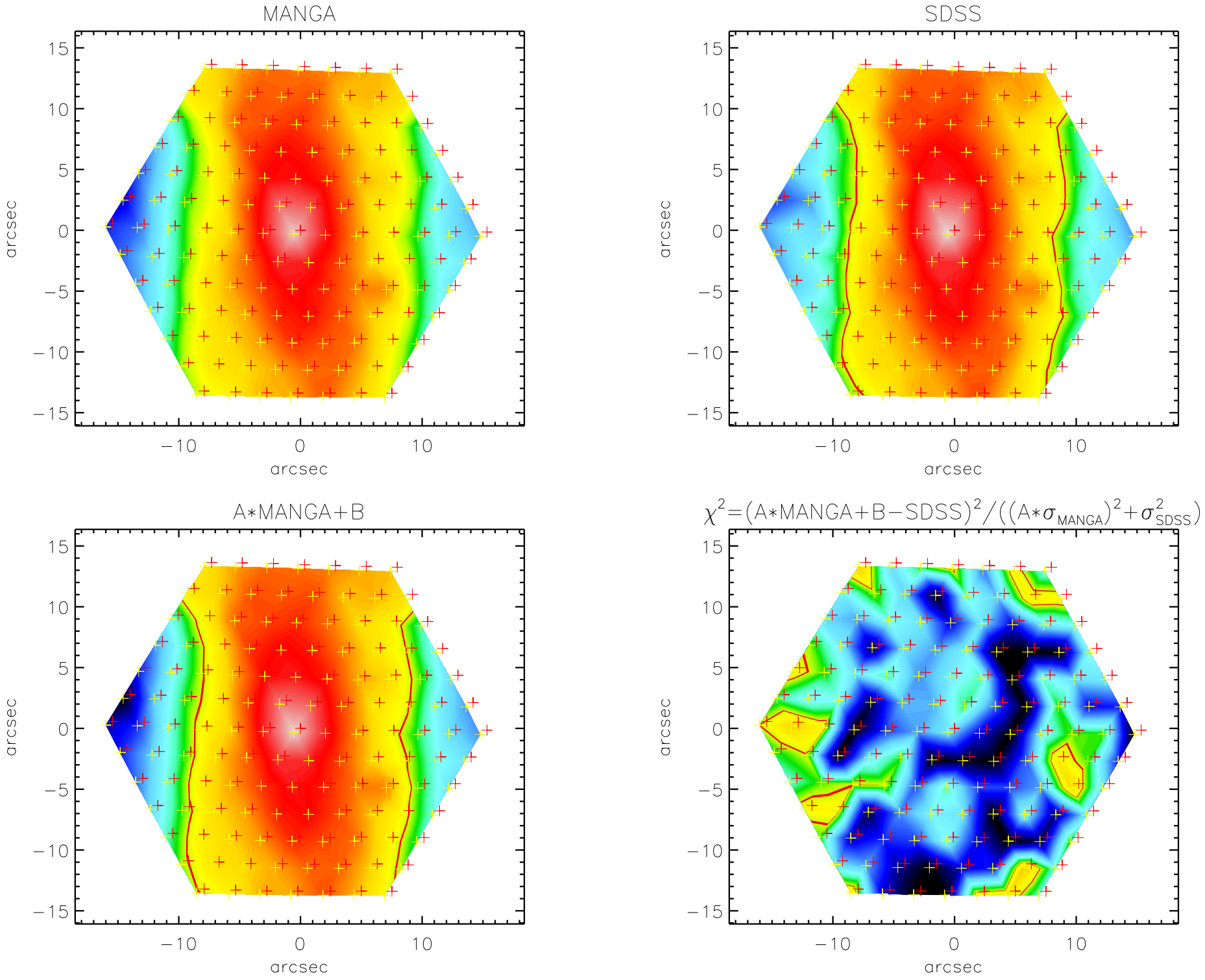

−0.110
−0.111
−0.112
−0.113
−0.114
−0.115
−0.116
θ
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
ΔDEC

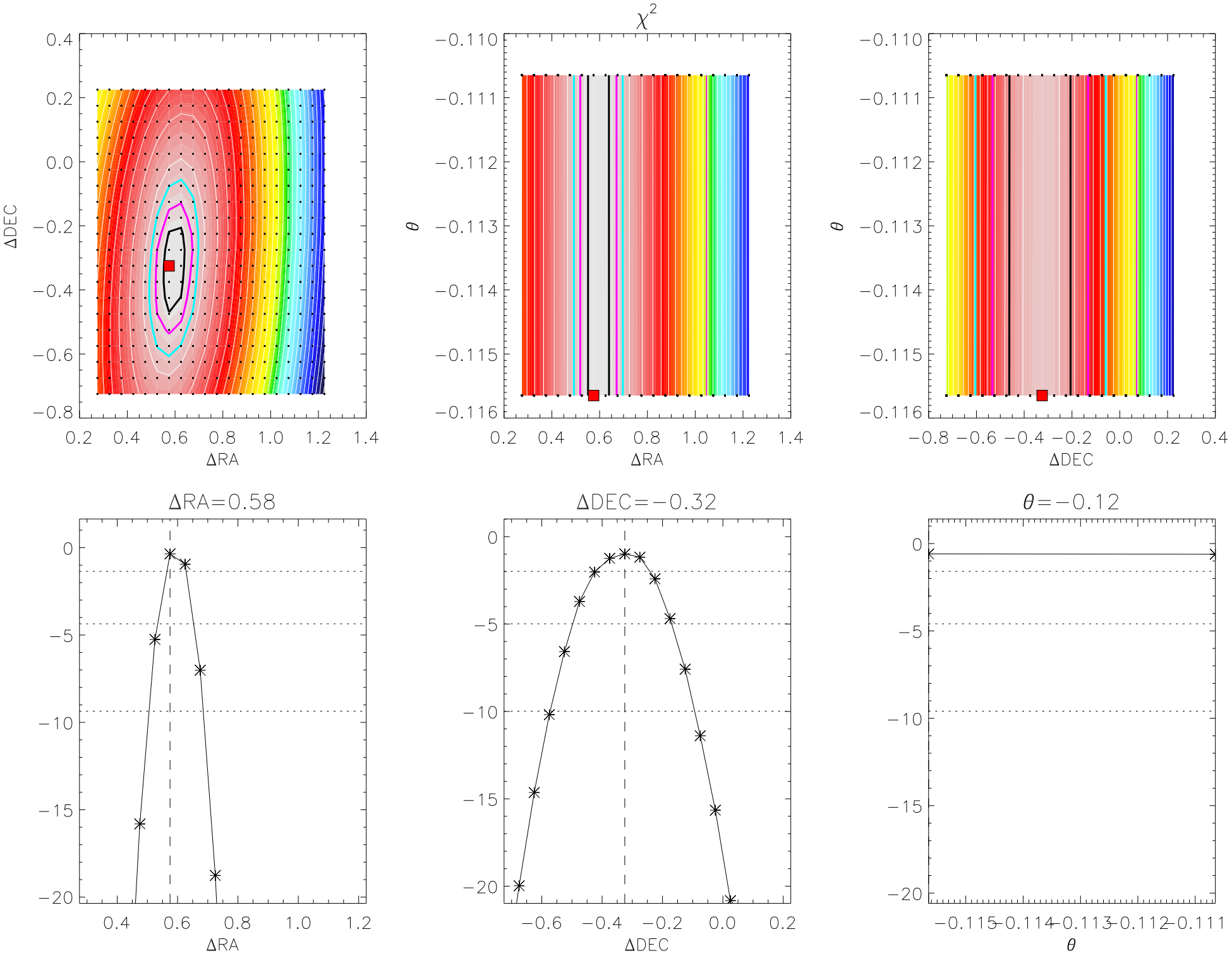

ΔRA=0.53
0
−5
−10
−15
−20
0.2
0.4
0.6
0.8
ΔRA

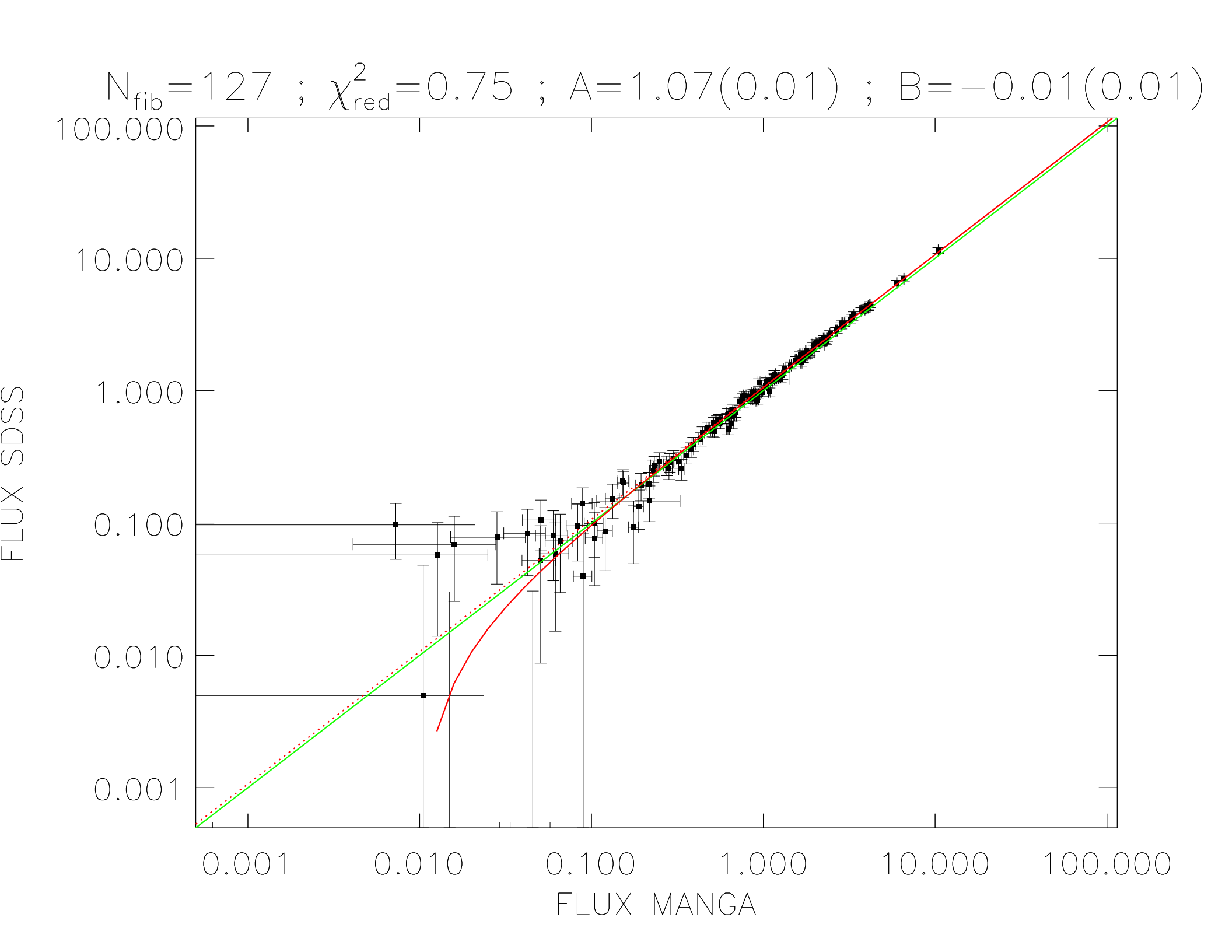

ΔDEC=−0.42
0
−5
−10
−15
−20
−0.8
−0.6
−0.4
−0.2
ΔDEC

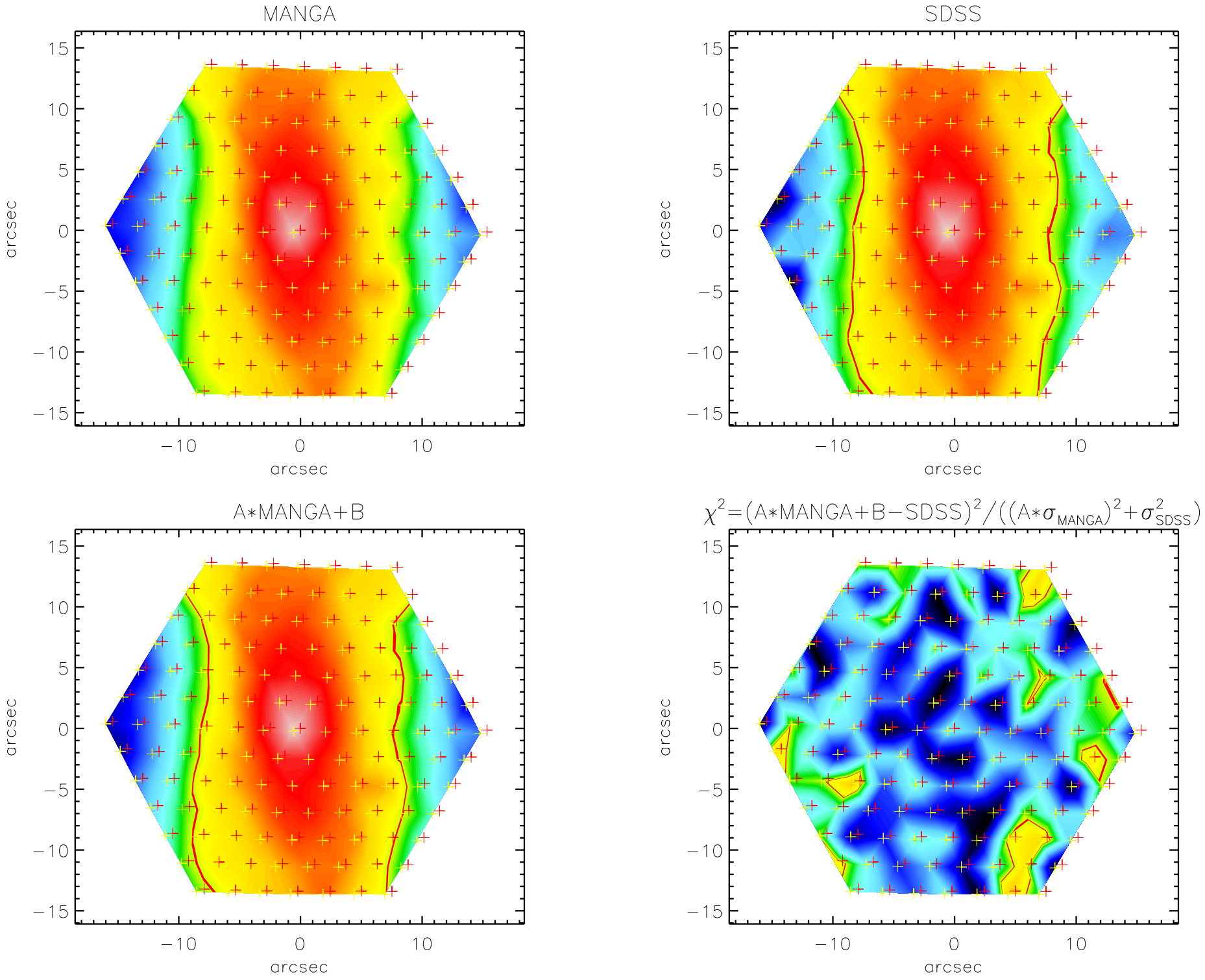

θ=−0.12
0
−5
−10
−15
−20
−0.115
−0.114
−0.113
−0.112
−0.111
θ

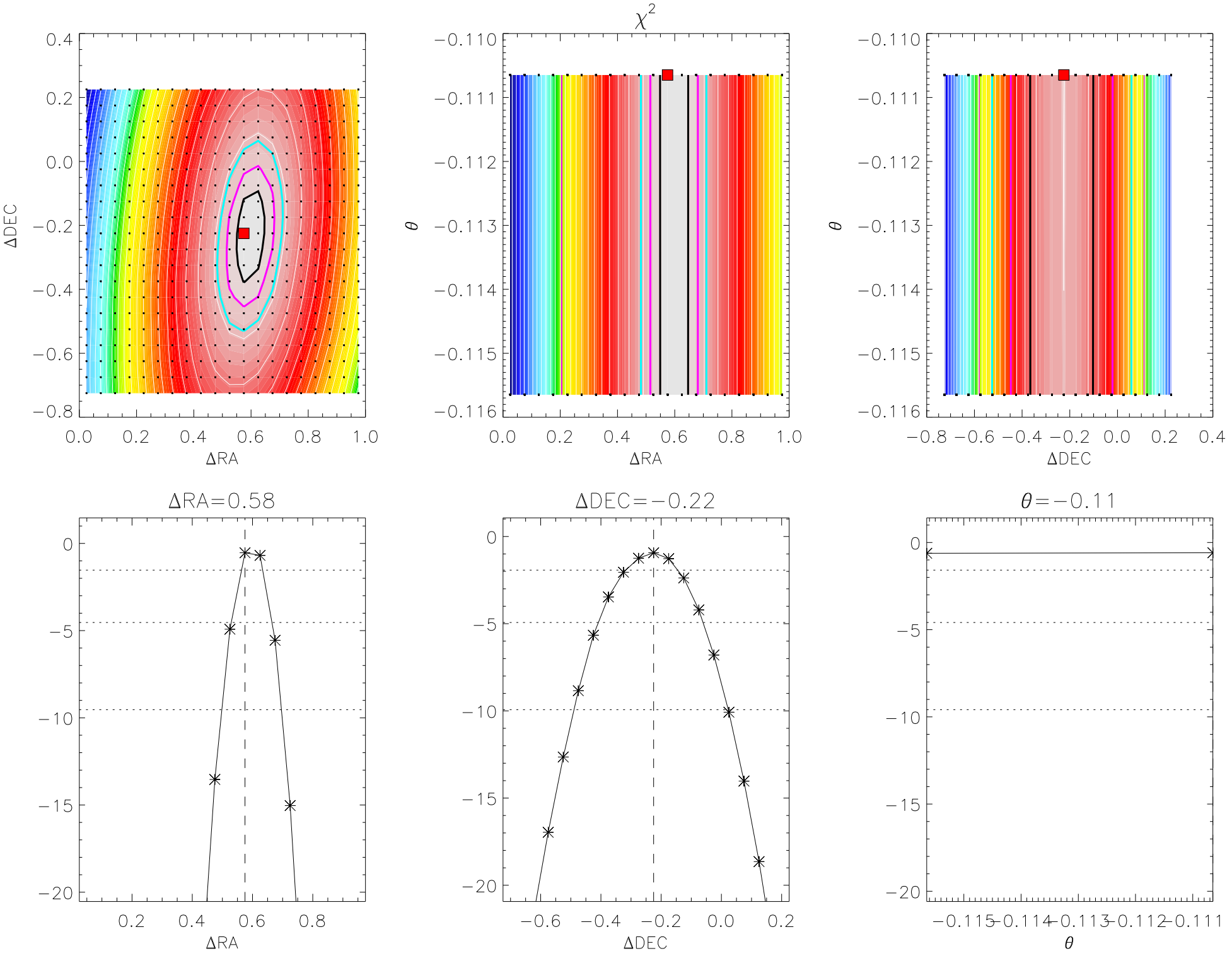

N_{fib}=127 ; χ^2_{red}=0.79 ; A=1.05(0.01) ; B=−0.02(0.01)
100.000
10.000
1.000
0.100
0.010
0.001
FLUX SDSS
0.001
0.010
0.100
1.000
10.000
100.000
FLUX MANGA

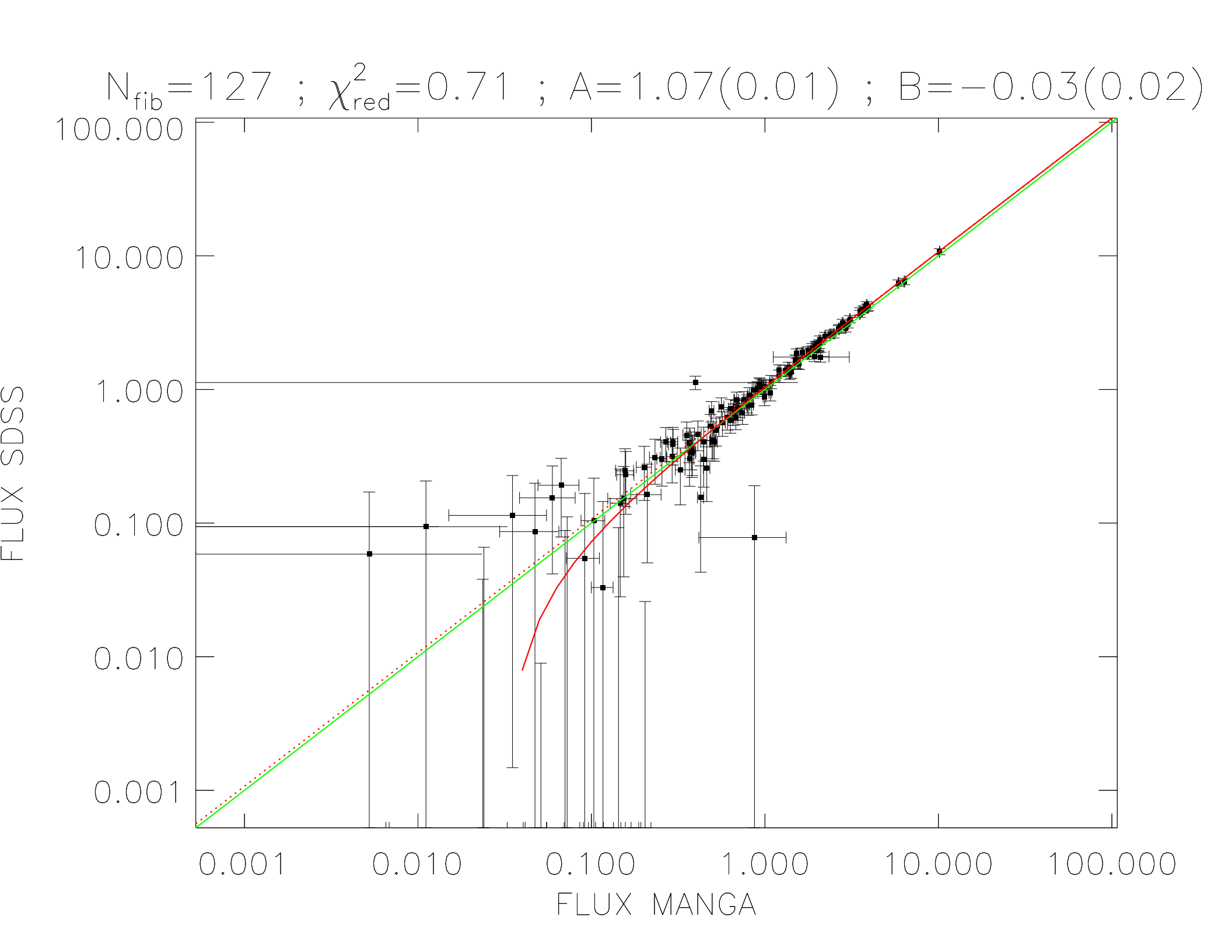

MANGA
SDSS
A∗MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10

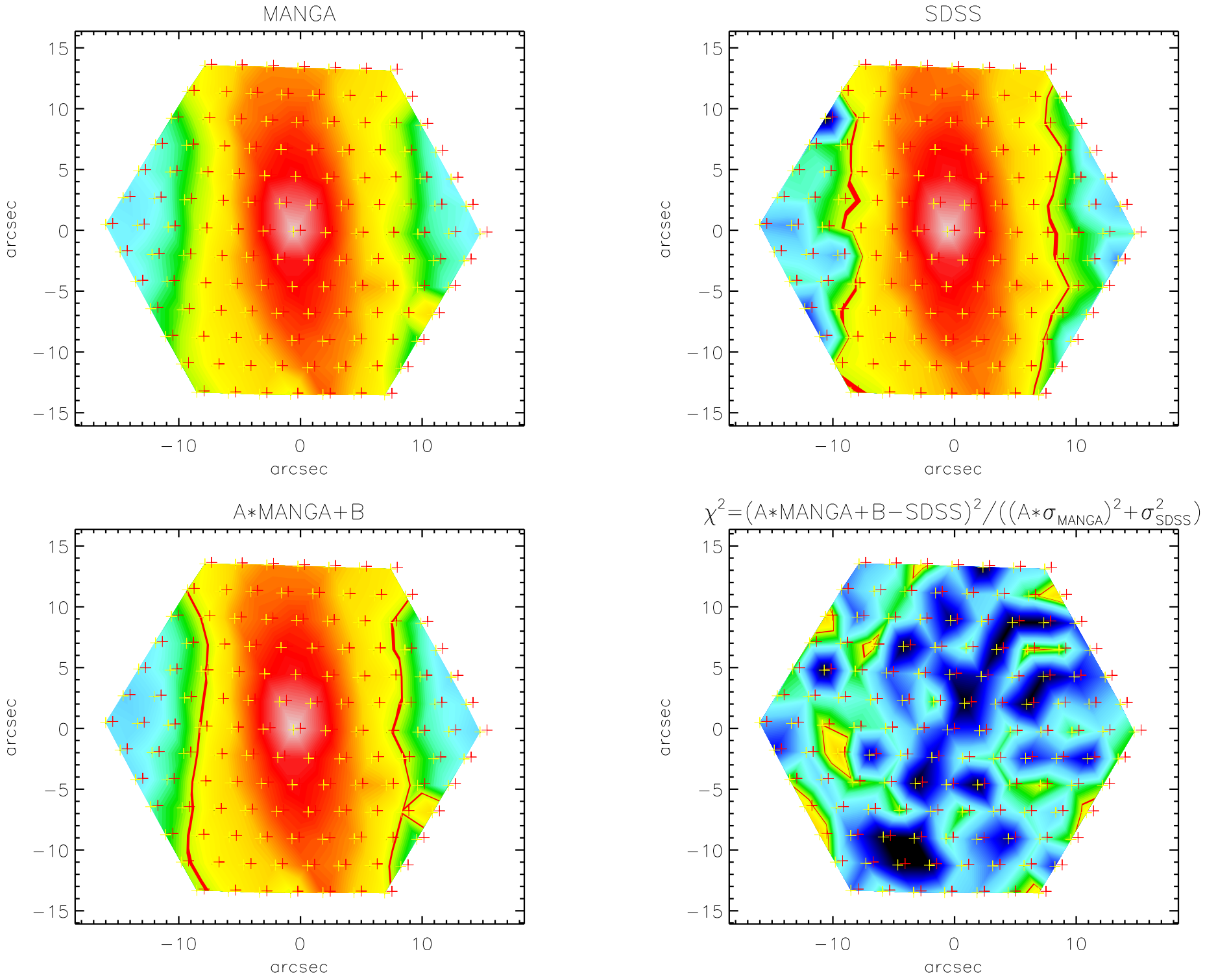

χ^2
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=0.58
ΔDEC=−0.32
θ=−0.12
ΔRA
ΔDEC
θ

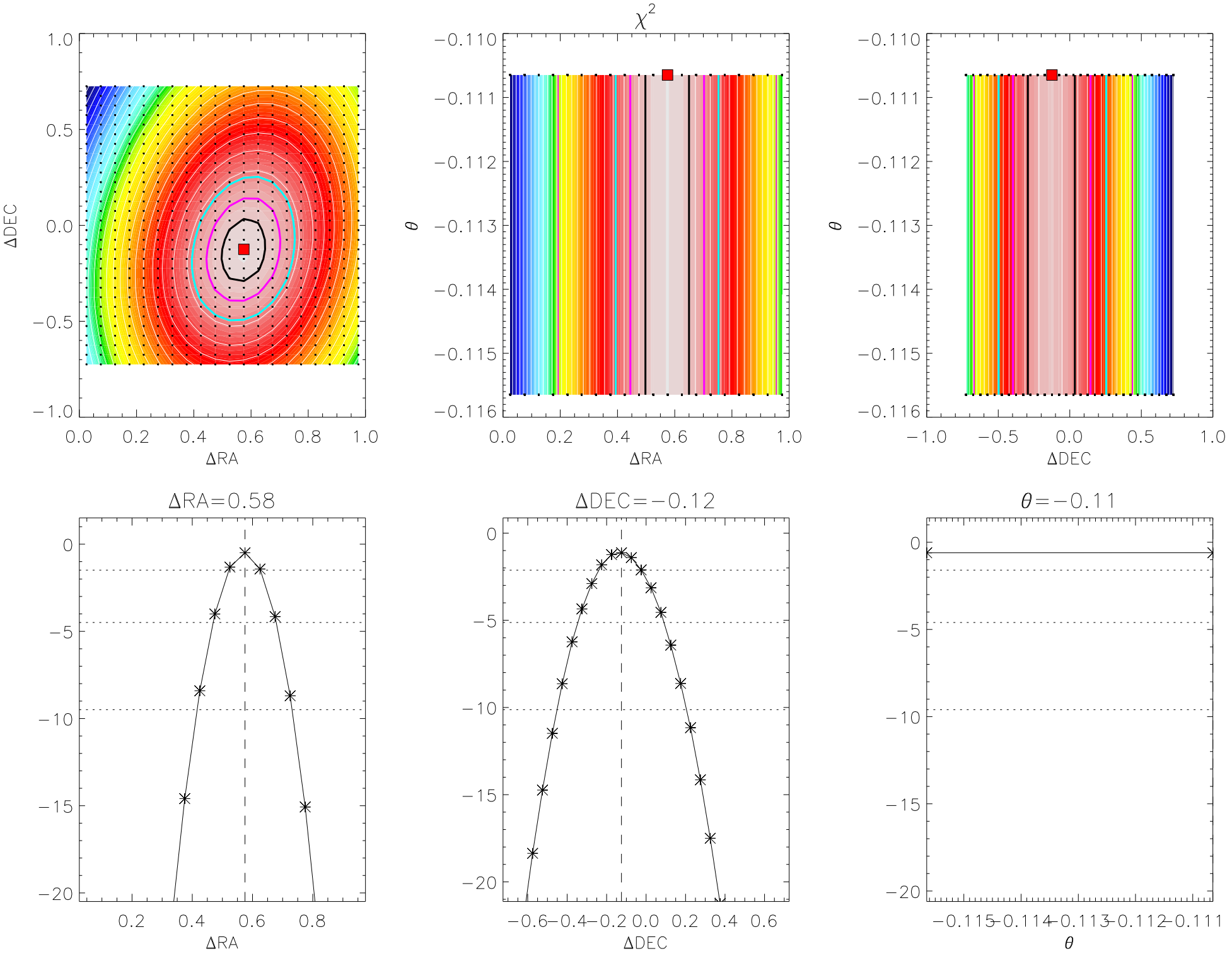

N_{fib}=127 ; χ^2_{red}=0.75 ; A=1.07(0.01) ; B=−0.01(0.01)
100.000
10.000
1.000
0.100
0.010
0.001
FLUX SDSS
0.001
0.010
0.100
1.000
10.000
100.000
FLUX MANGA


MANGA
SDSS
A∗MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10


χ^2
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=0.58
ΔRA
ΔDEC=−0.22
ΔDEC
θ=−0.11
θ


N_{fib}=127 ; χ^2_{red}=0.71 ; A=1.07(0.01) ; B=−0.03(0.02)
100.000
10.000
1.000
0.100
0.010
0.001
FLUX SDSS
0.001
0.010
0.100
1.000
10.000
100.000
FLUX MANGA


MANGA
SDSS
A*MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10


χ^2
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=0.58
ΔDEC=−0.12
θ=−0.11
ΔRA
ΔDEC
θ