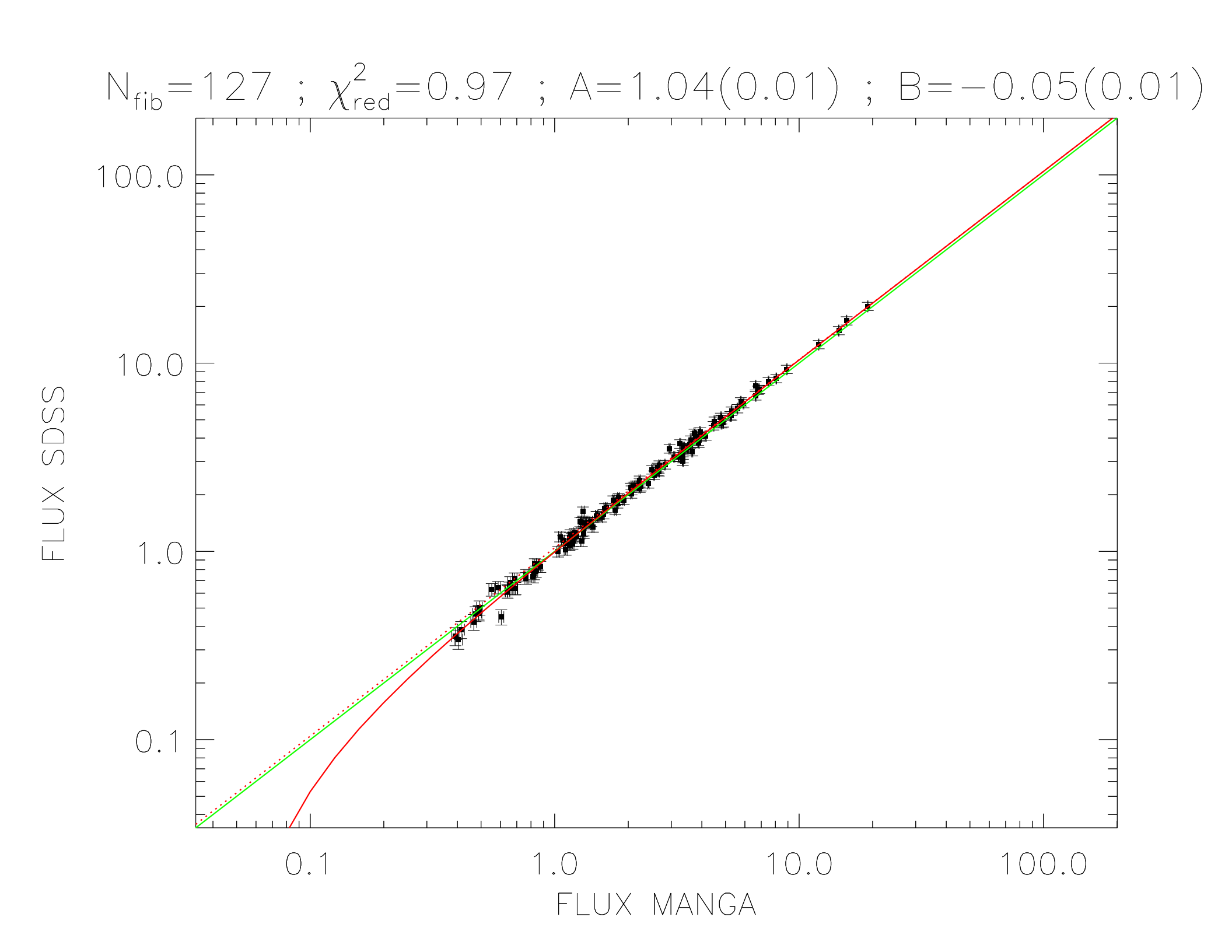
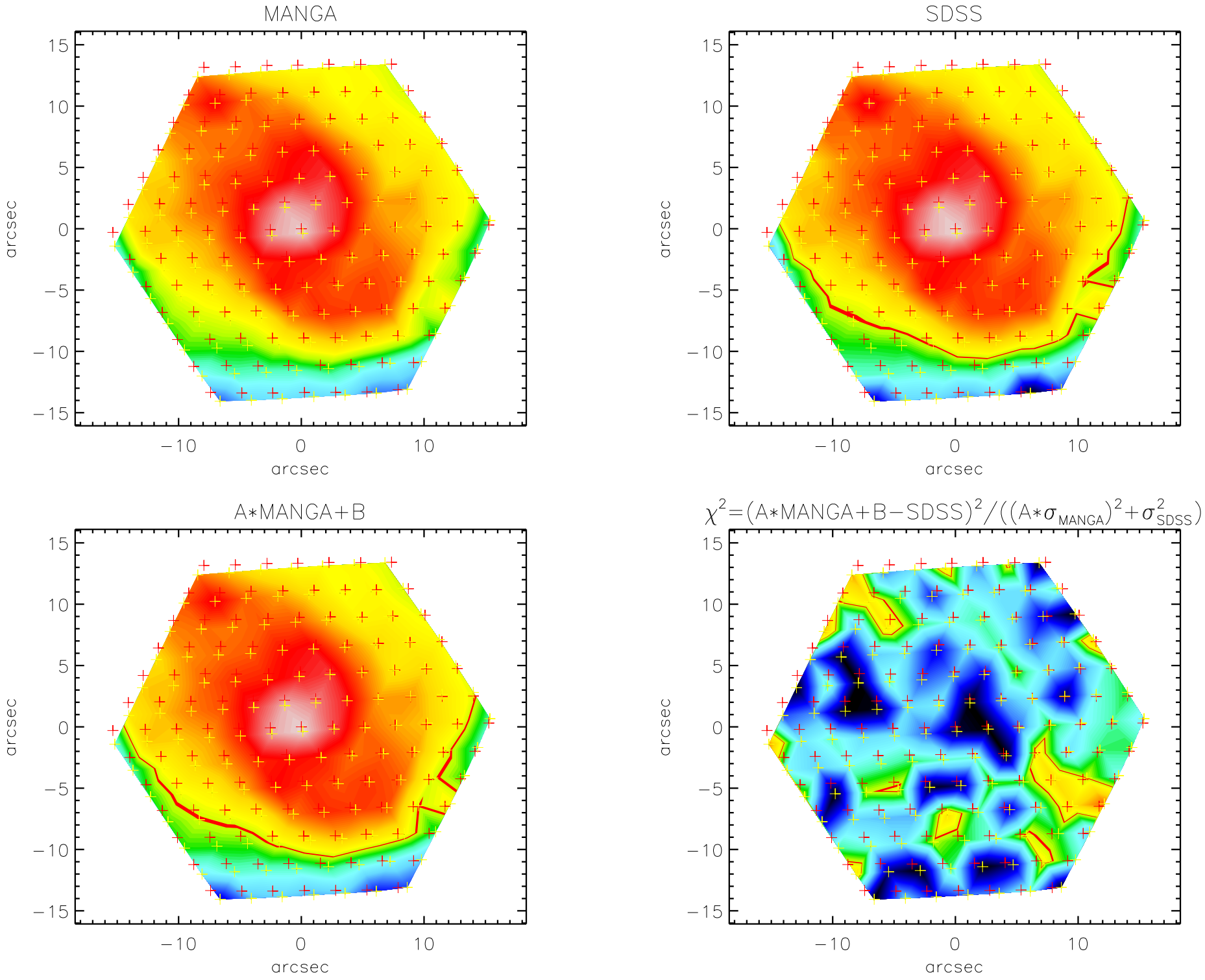
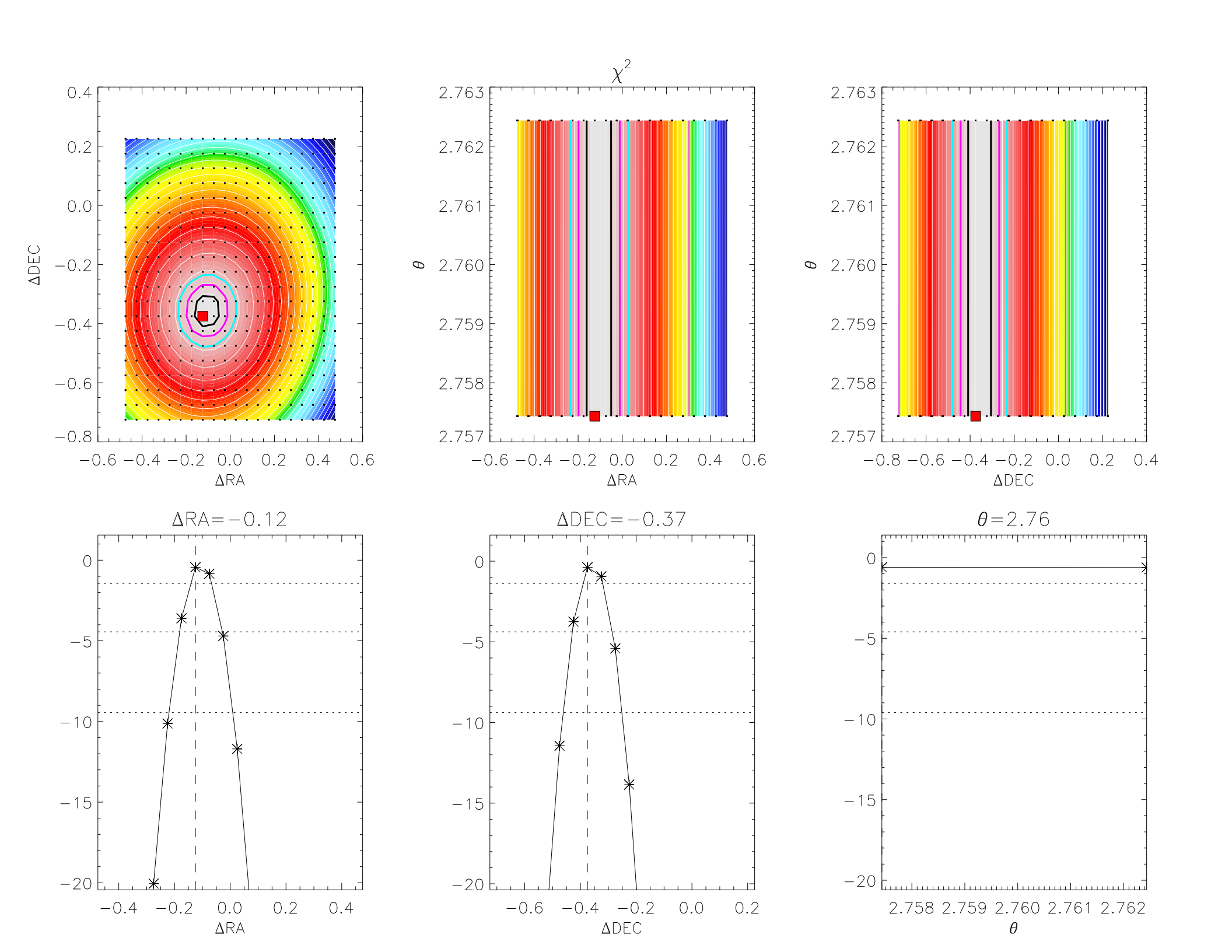
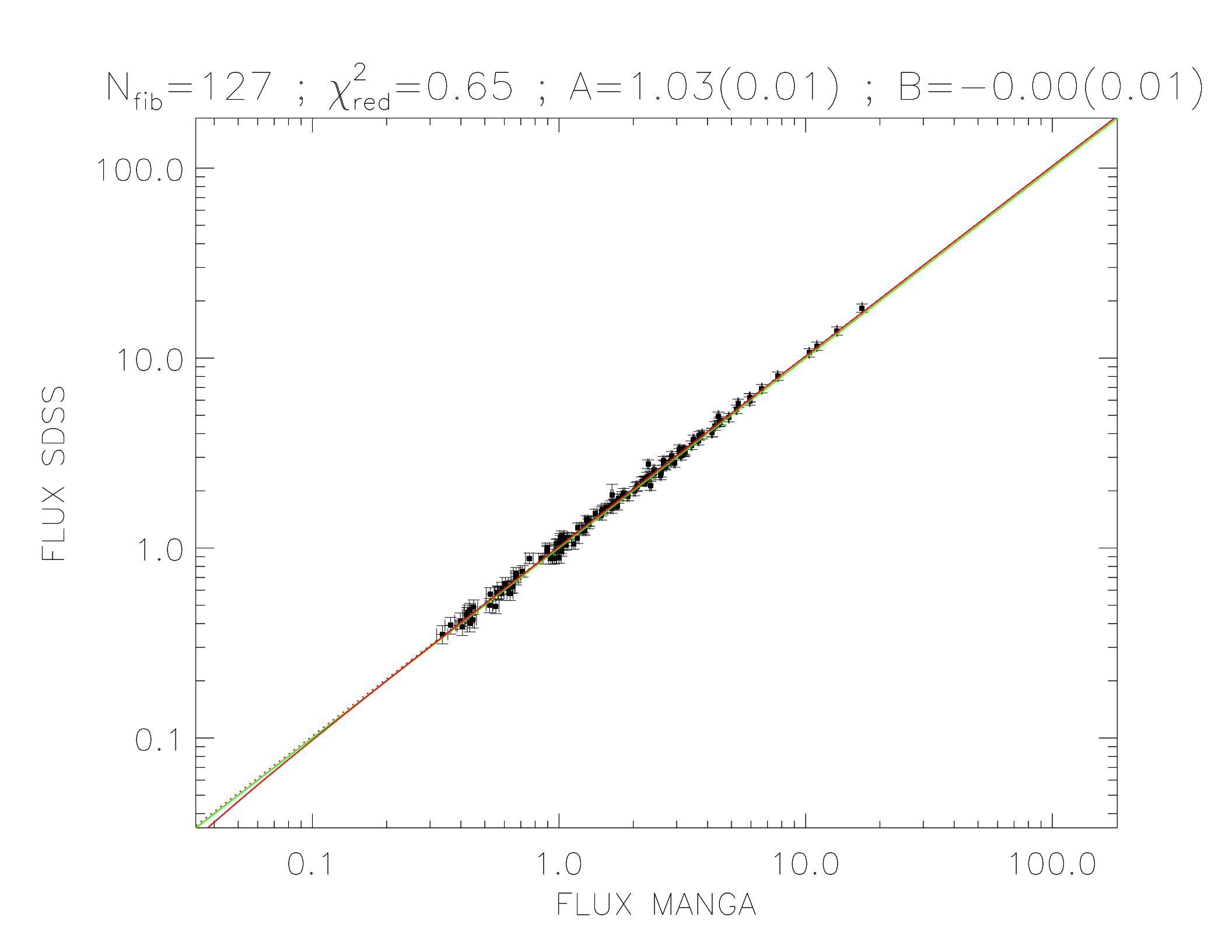
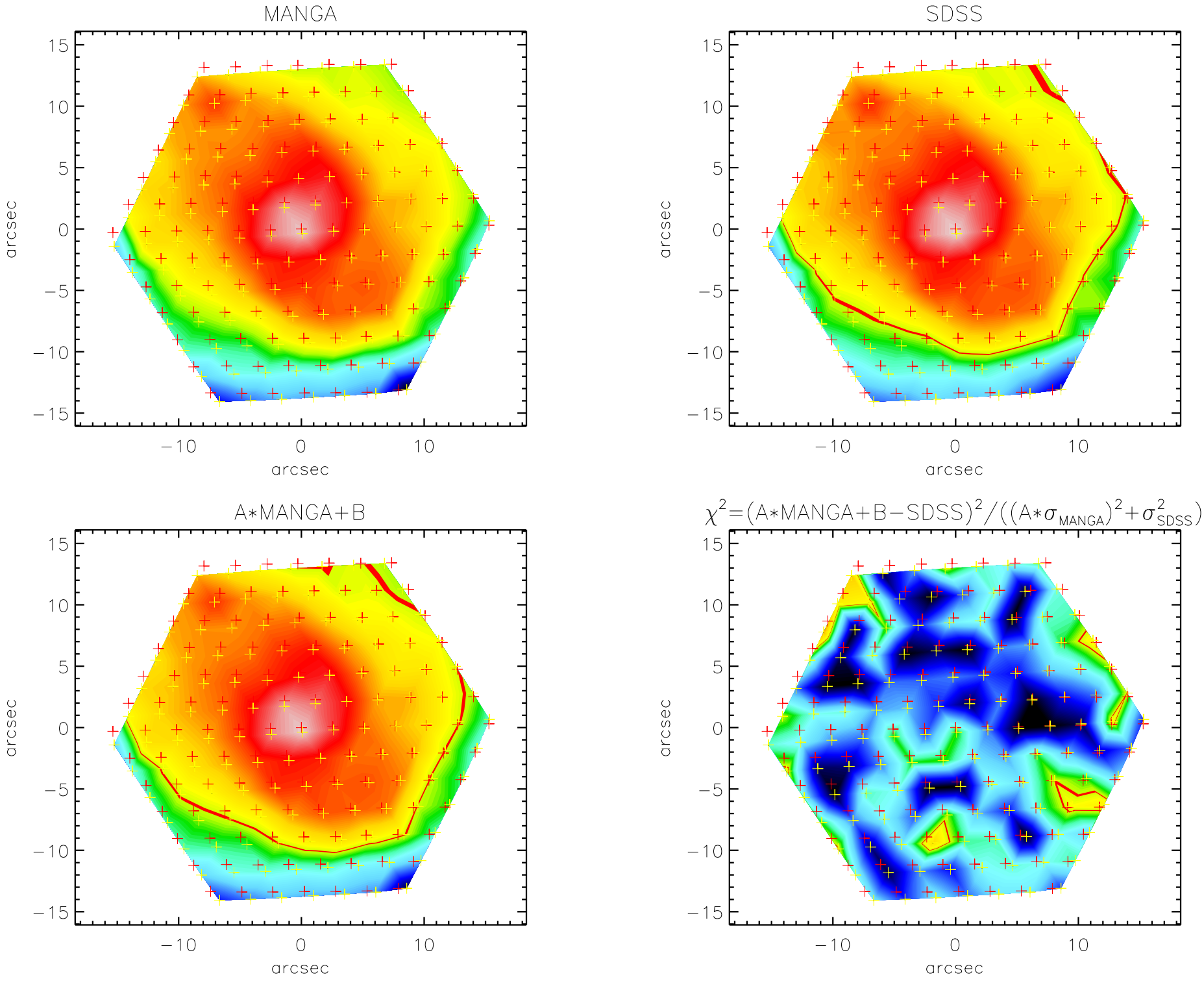
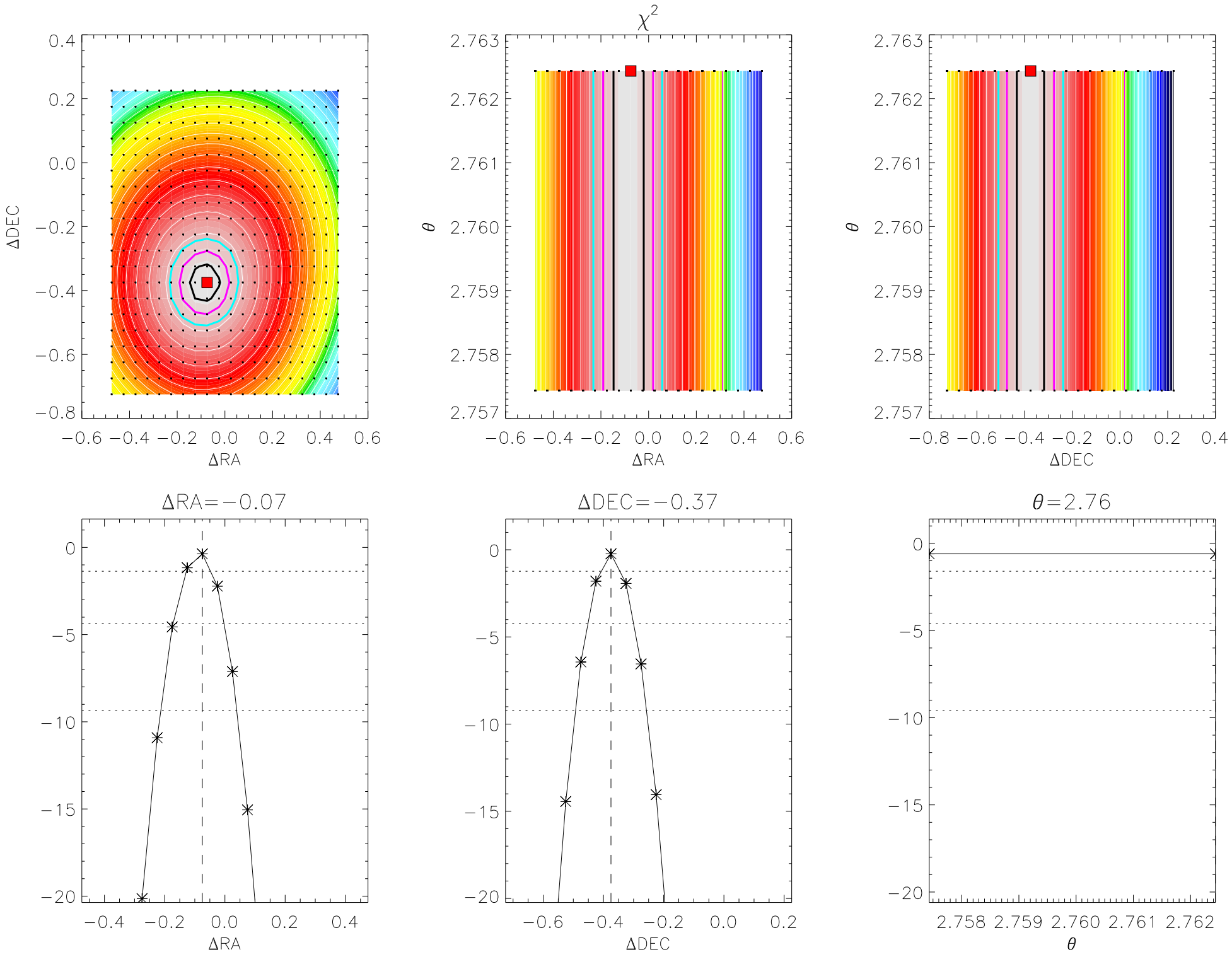

$N_{fib}$=127 ; $\chi^2_{red}$=0.97 ; A=1.04(0.01) ; B=−0.05(0.01)
100.0
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
100.0
FLUX MANGA

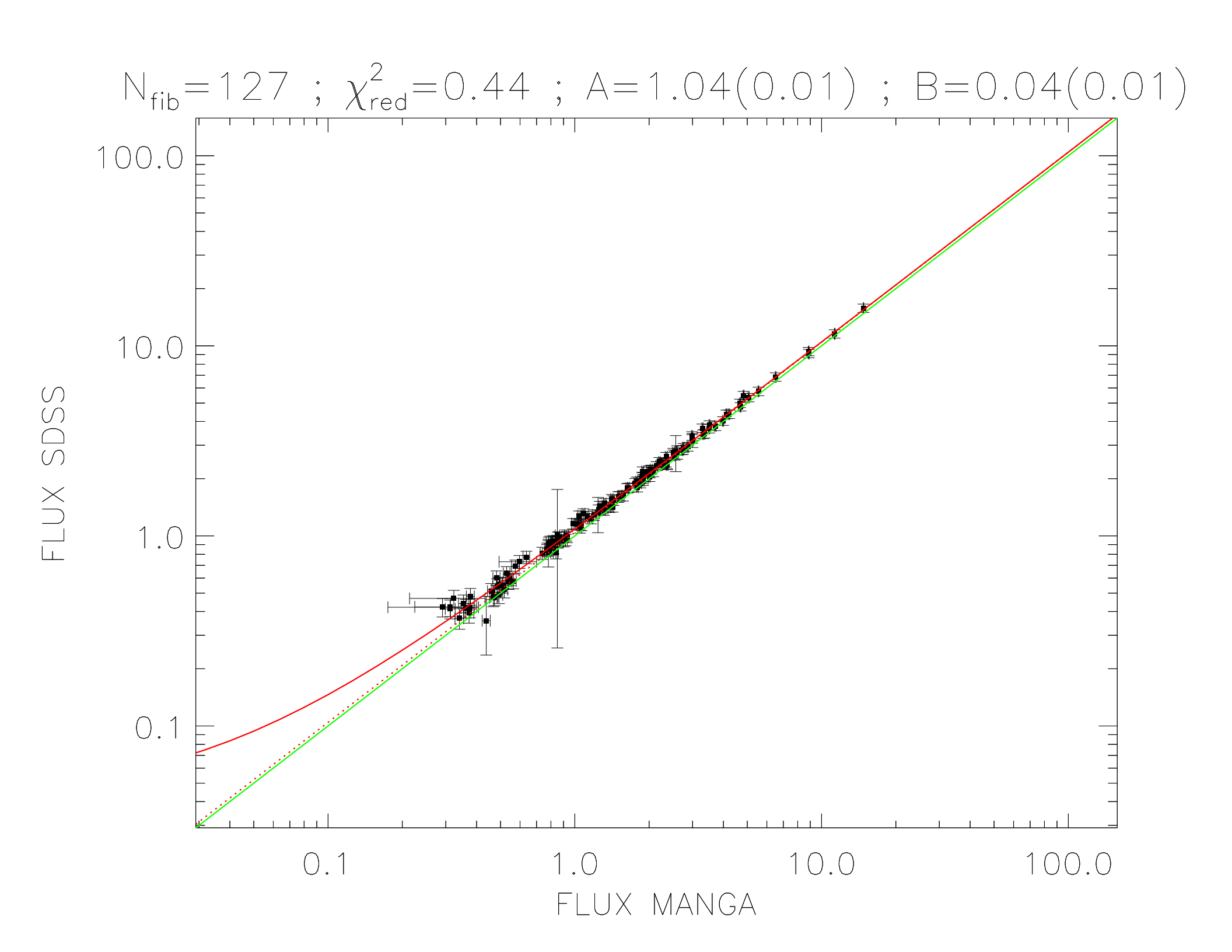

MANGA
SDSS
A∗MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10

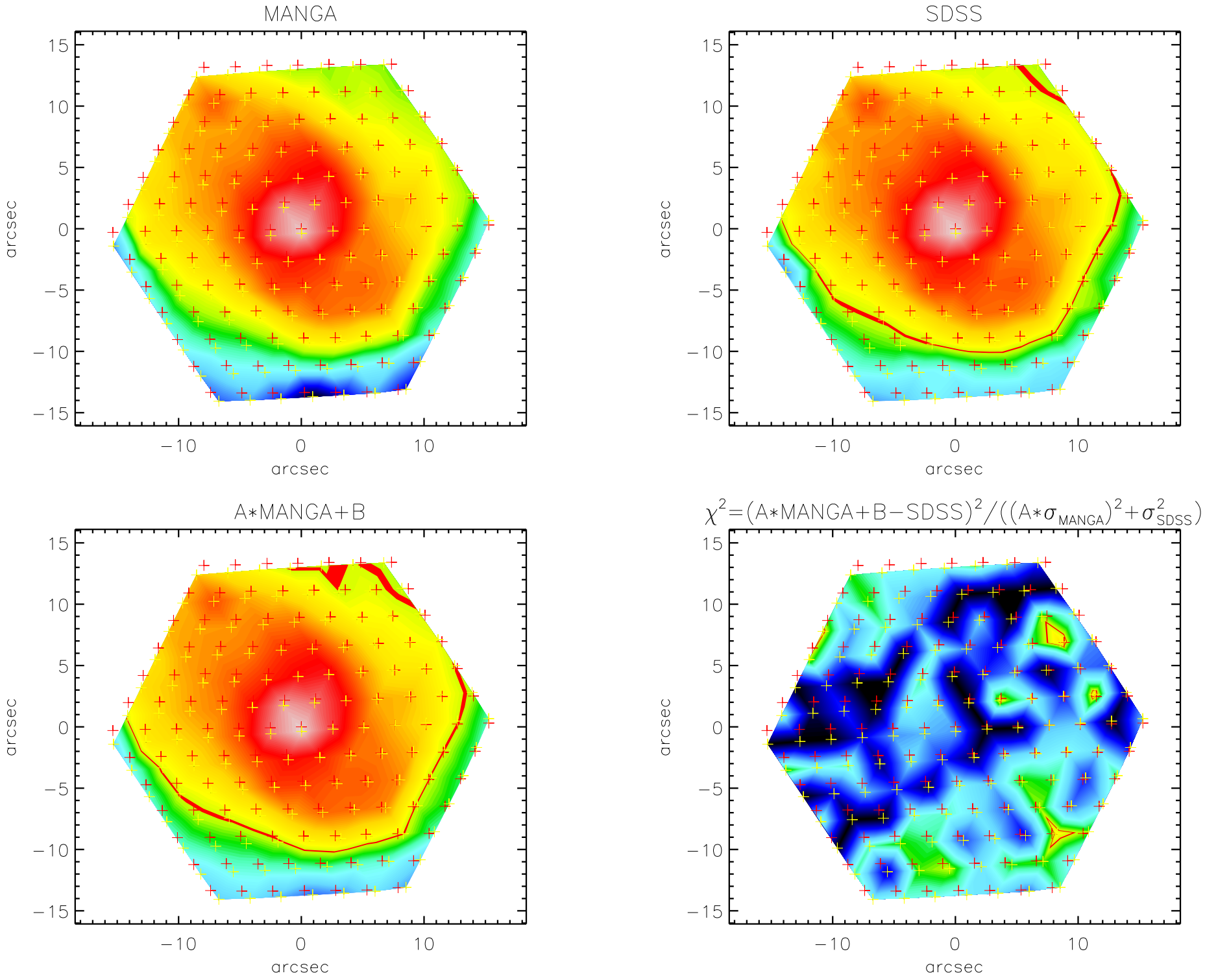

$\chi^2$
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.12
ΔDEC=−0.37
θ=2.76
ΔRA
ΔDEC
θ

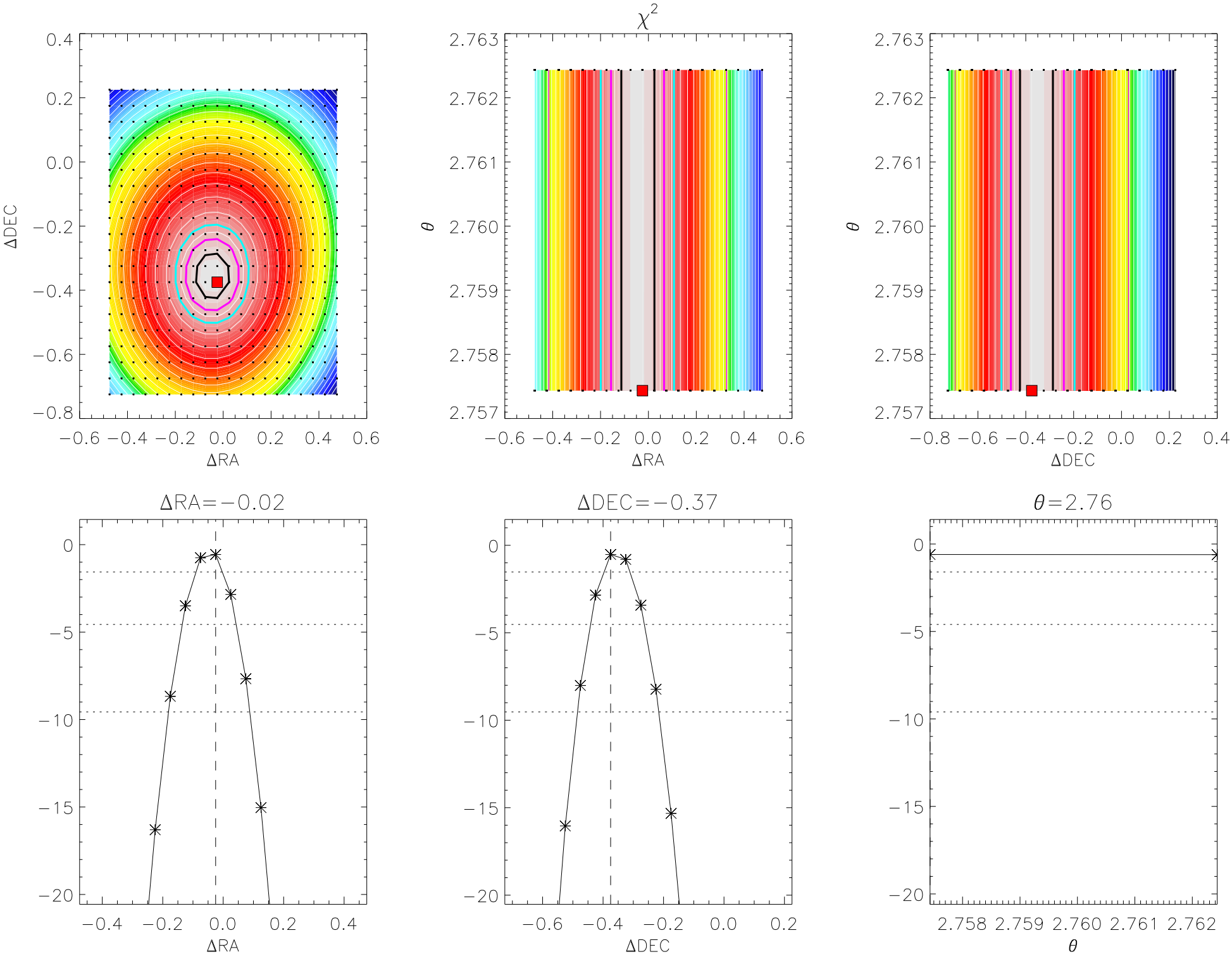

$N_{fib}$=127 ; $\chi^2_{red}$=0.65 ; A=1.03(0.01) ; B=−0.00(0.01)
100.0
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
100.0
FLUX MANGA

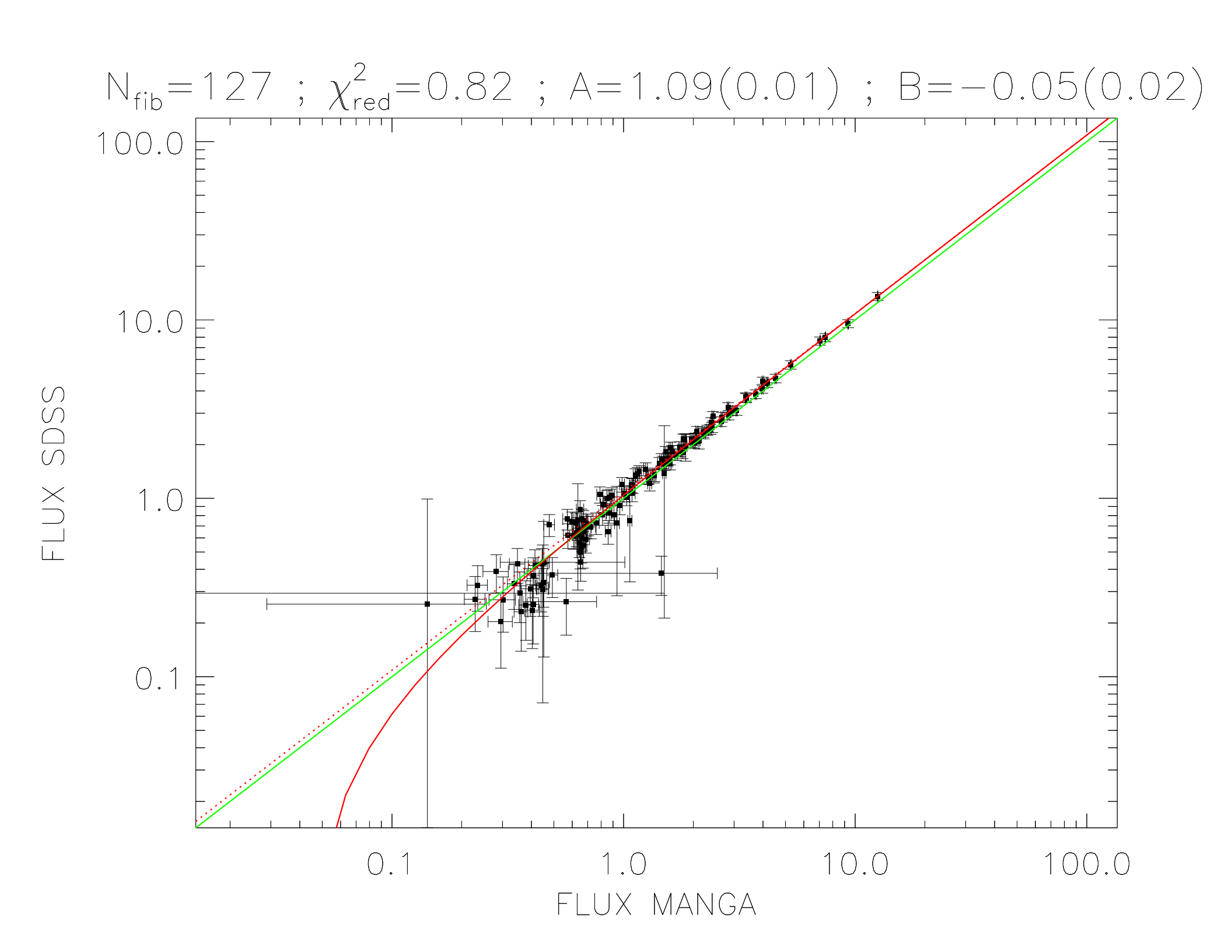

MANGA
SDSS
A∗MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10

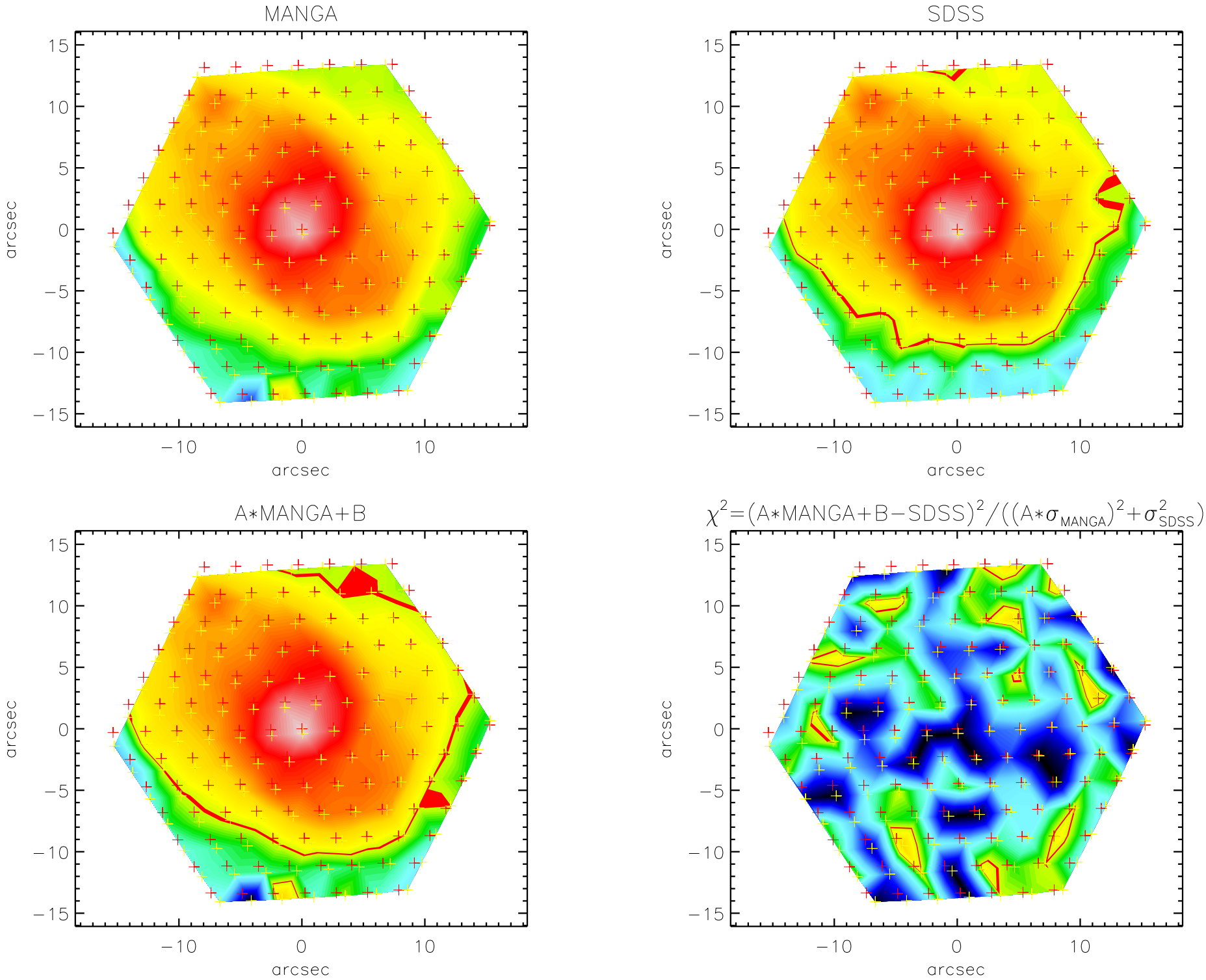

$\chi^2$
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.07
ΔDEC=−0.37
θ=2.76
ΔRA
ΔDEC
θ

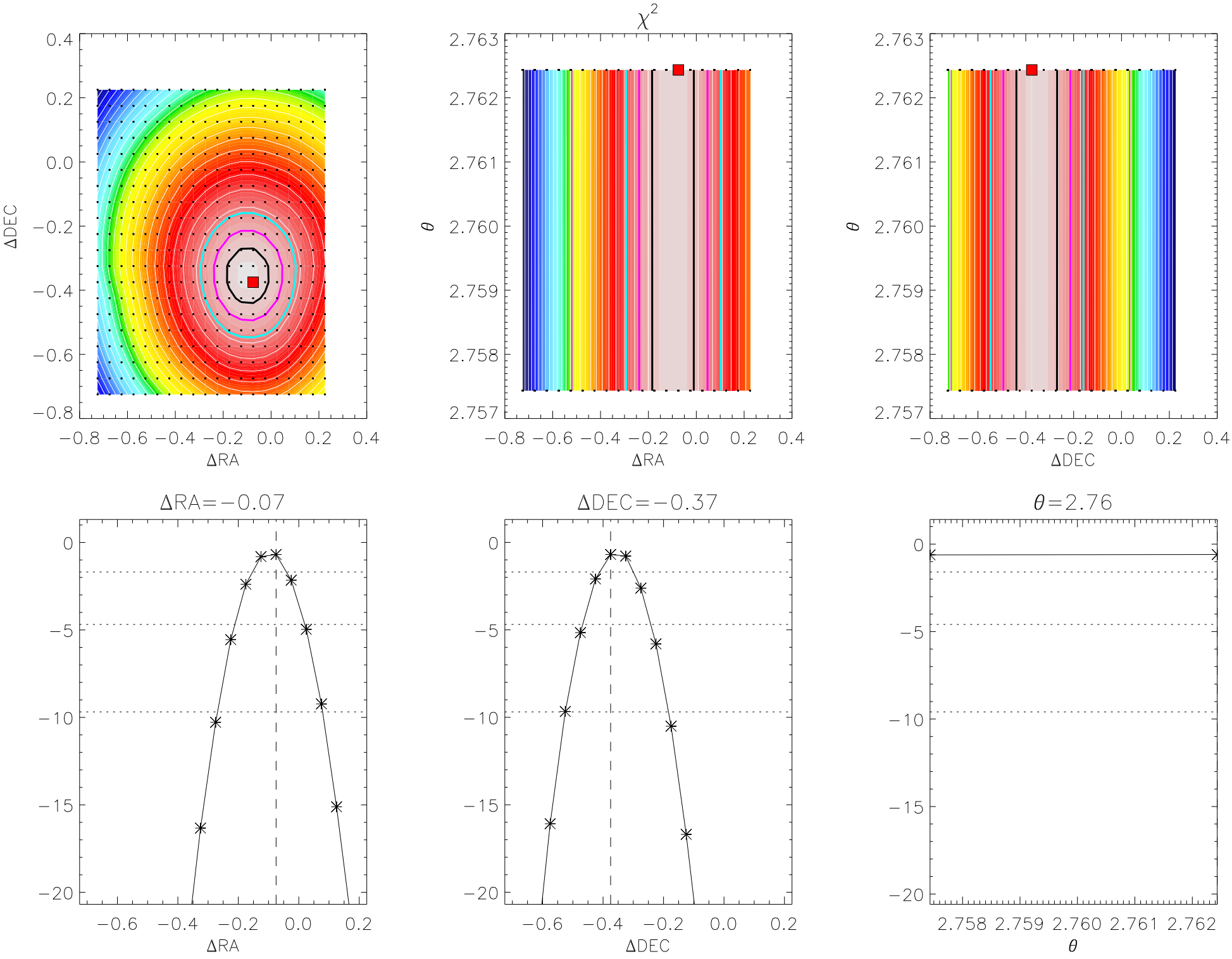

$N_{fib}$=127 ; $\chi^2_{red}$=0.44 ; A=1.04(0.01) ; B=0.04(0.01)
100.0
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
100.0
FLUX MANGA


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


$\chi^2$
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.02
ΔDEC=−0.37
θ=2.76
ΔRA
ΔDEC
θ


$N_{fib}$=127 ; $\chi^2_{red}$=0.82 ; A=1.09(0.01) ; B=−0.05(0.02)
100.0
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
100.0
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


$\chi^2$
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.07
ΔDEC=−0.37
θ=2.76
ΔRA
ΔDEC
θ