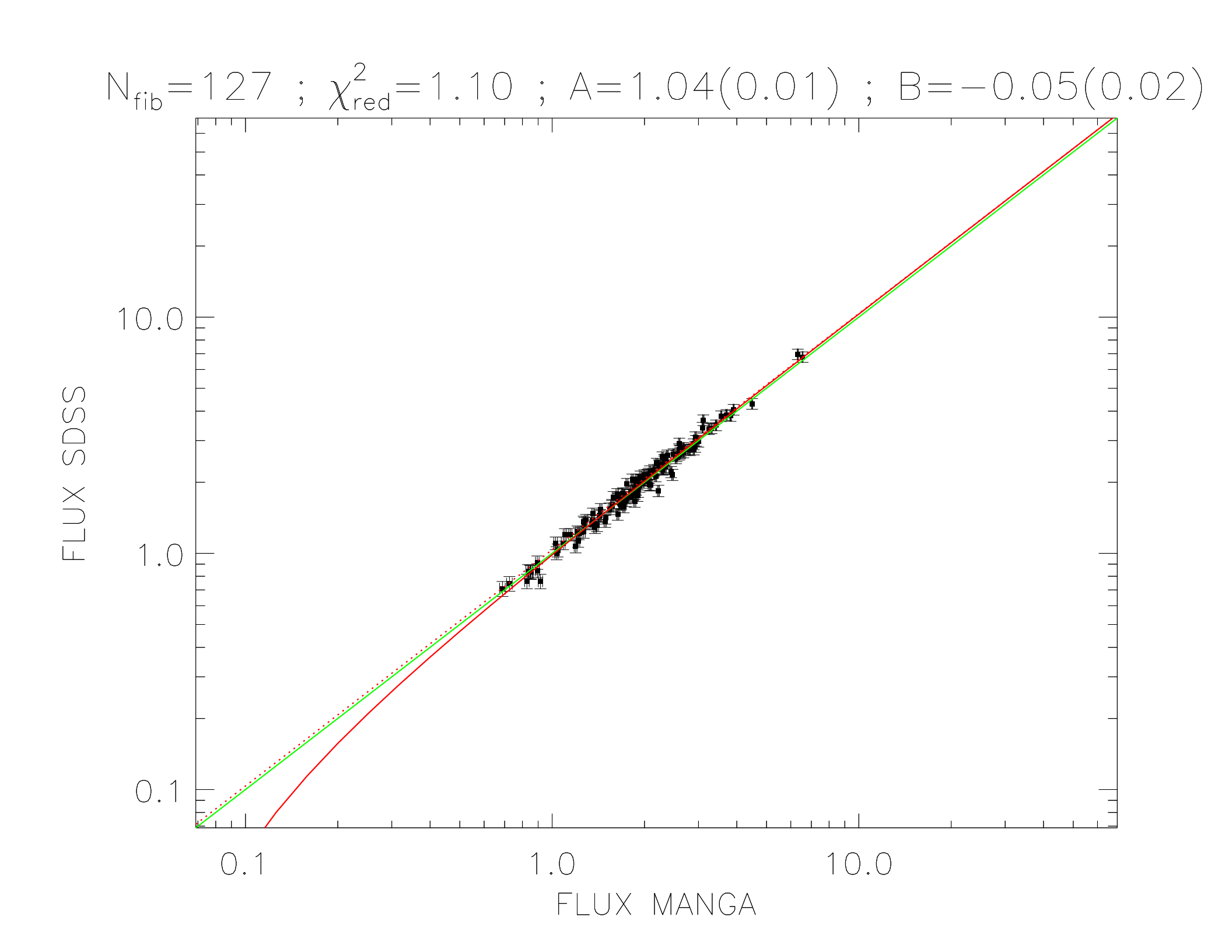
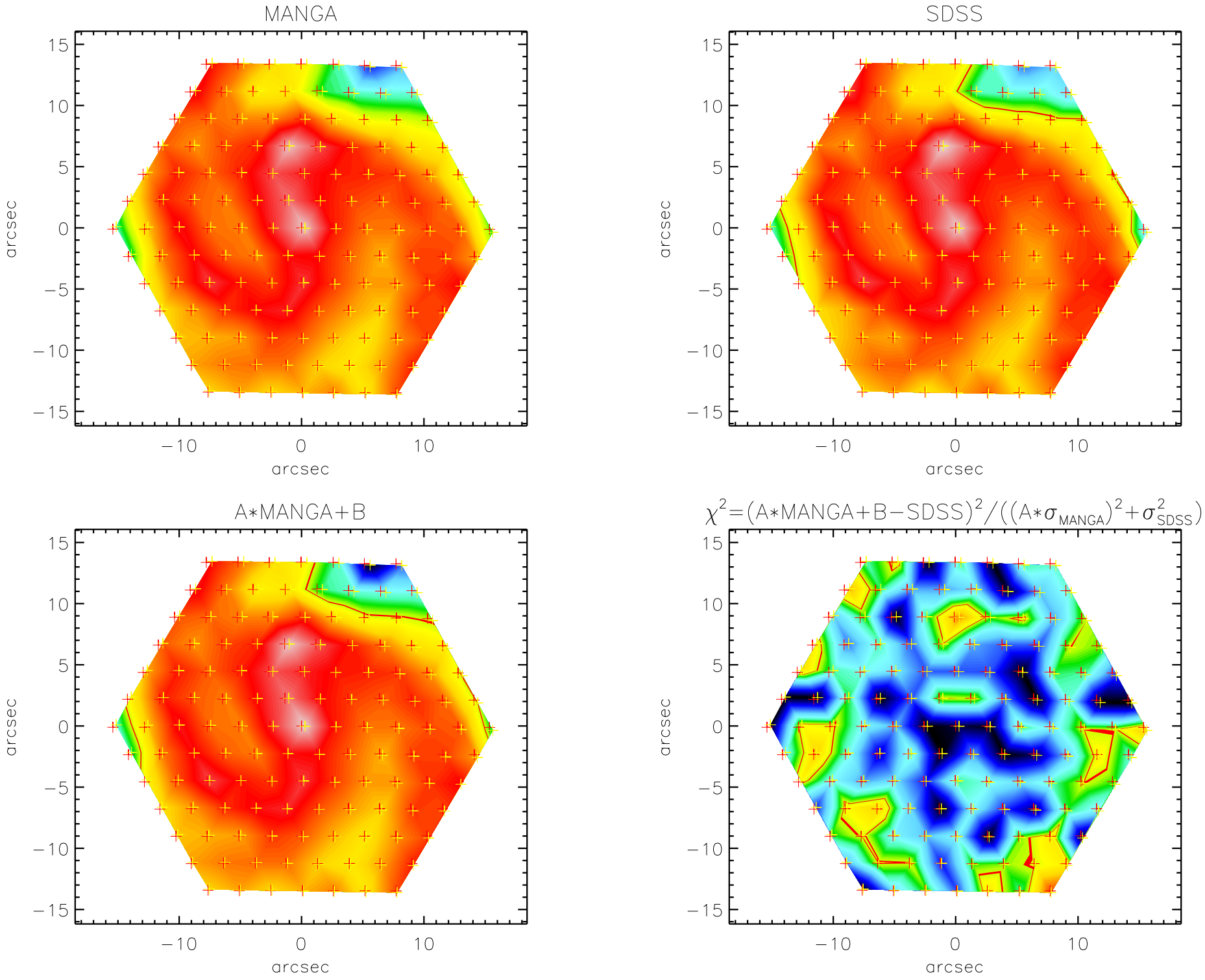
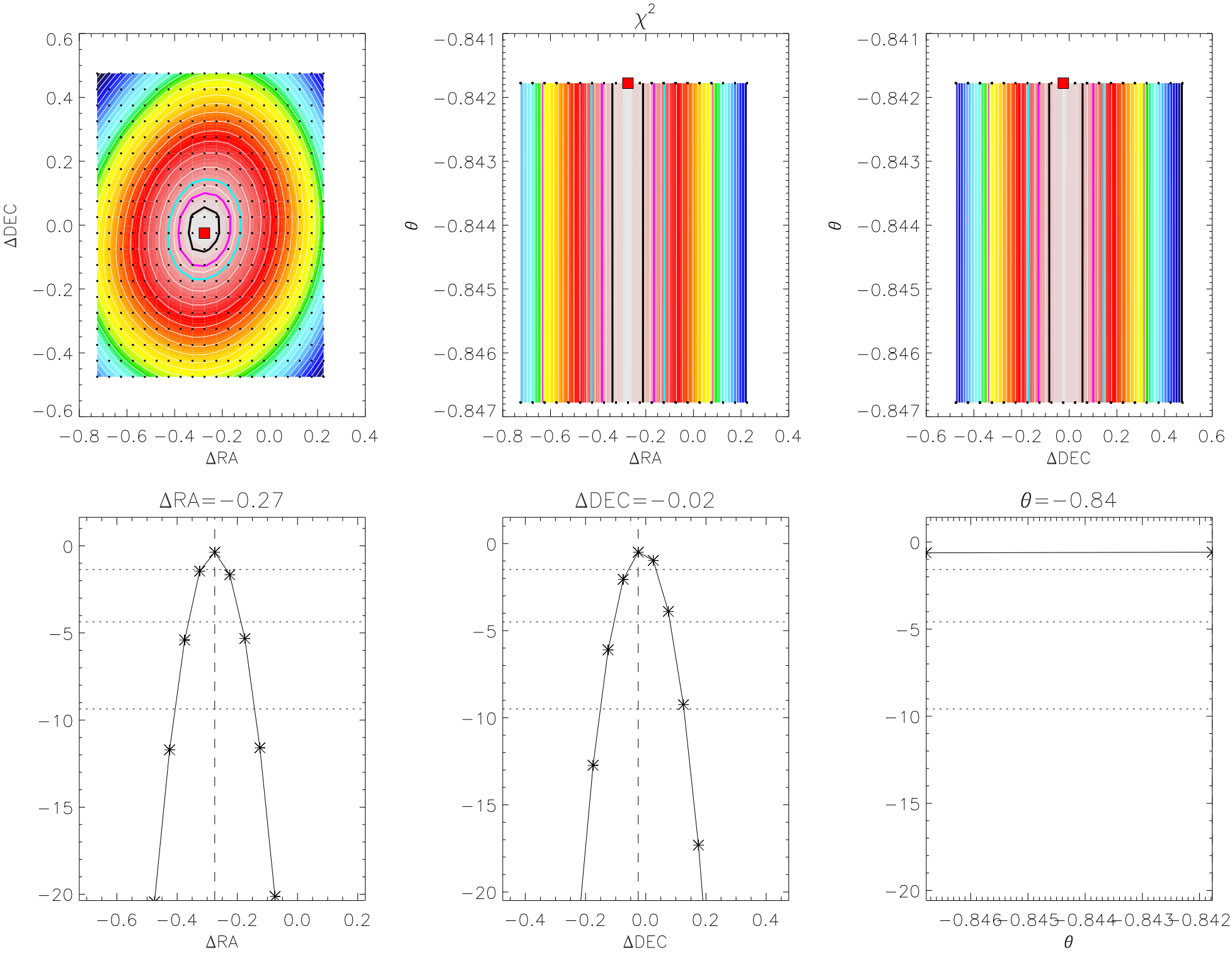
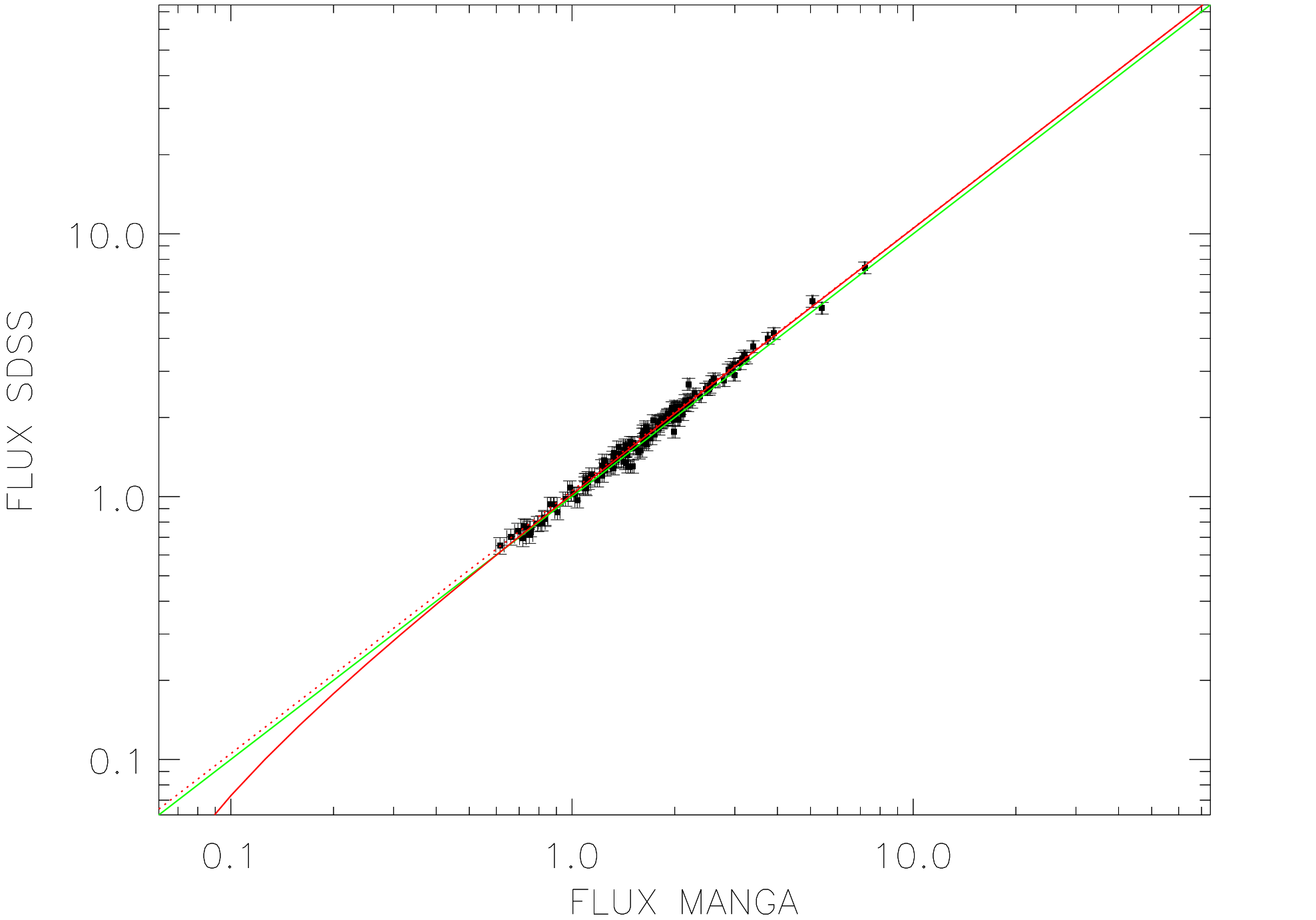
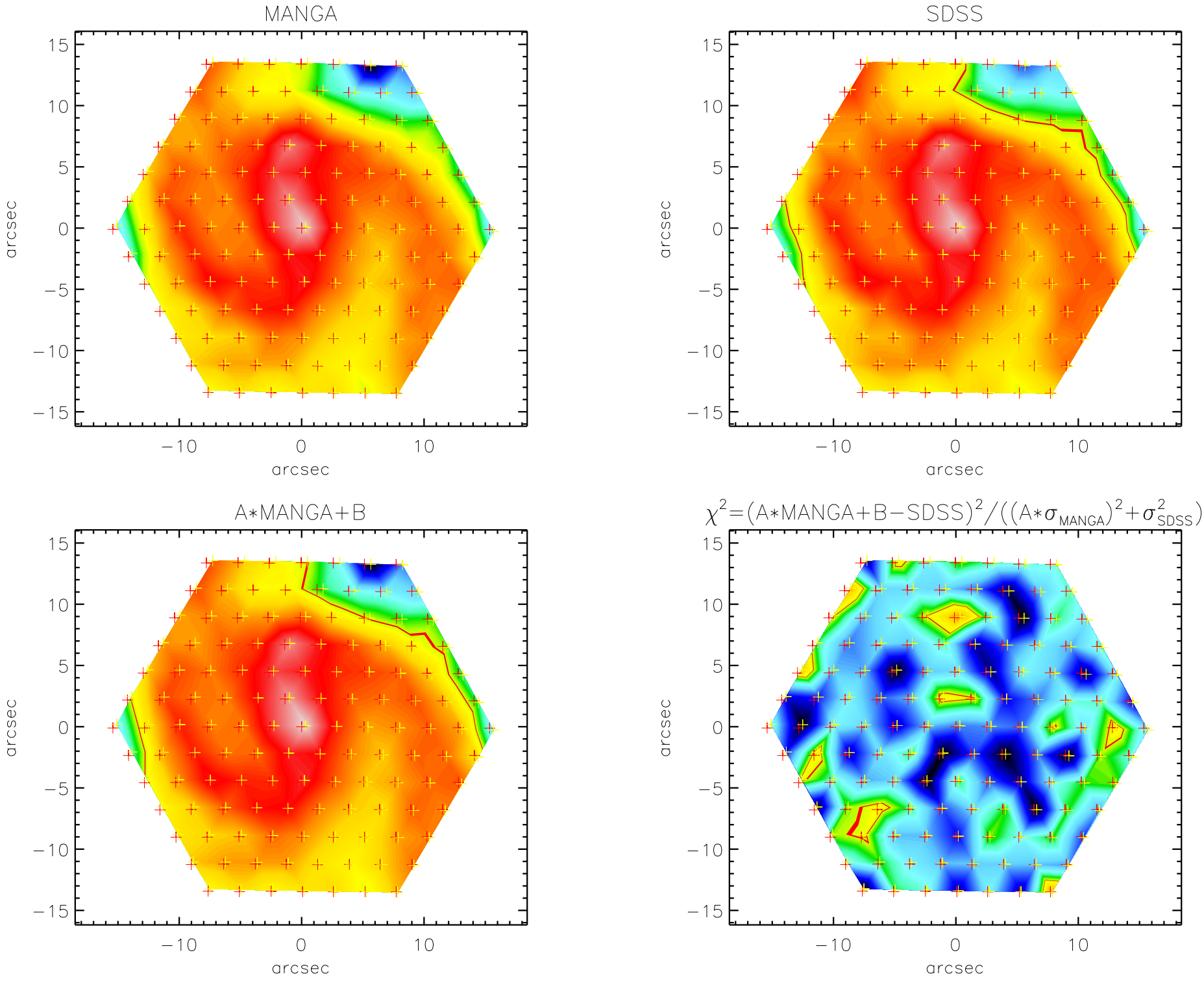
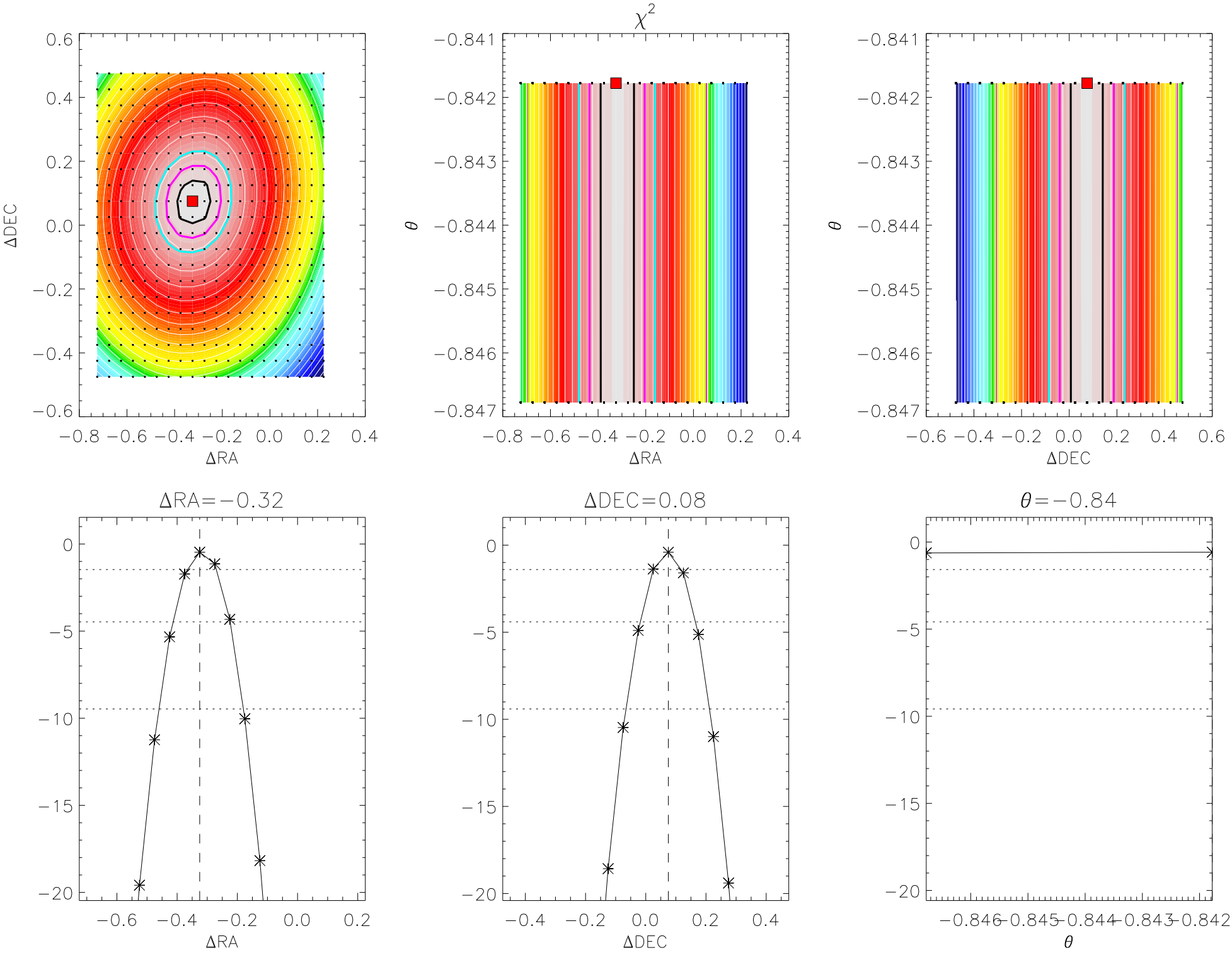

$N_{fib}=127$; $\chi^2_{red}=1.10$; A=1.04(0.01) ; B=−0.05(0.02)
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
FLUX MANGA

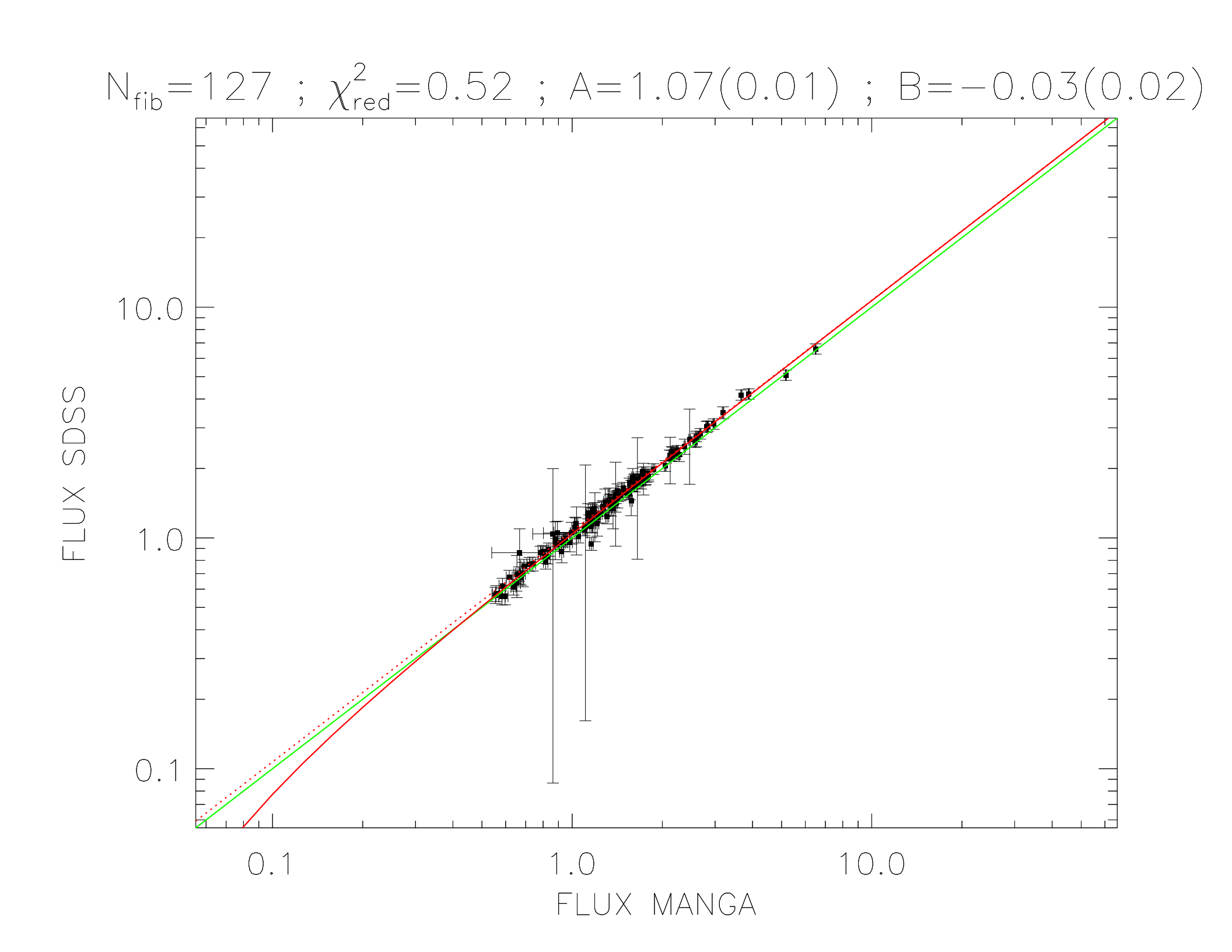

MANGA
SDSS
A∗MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10

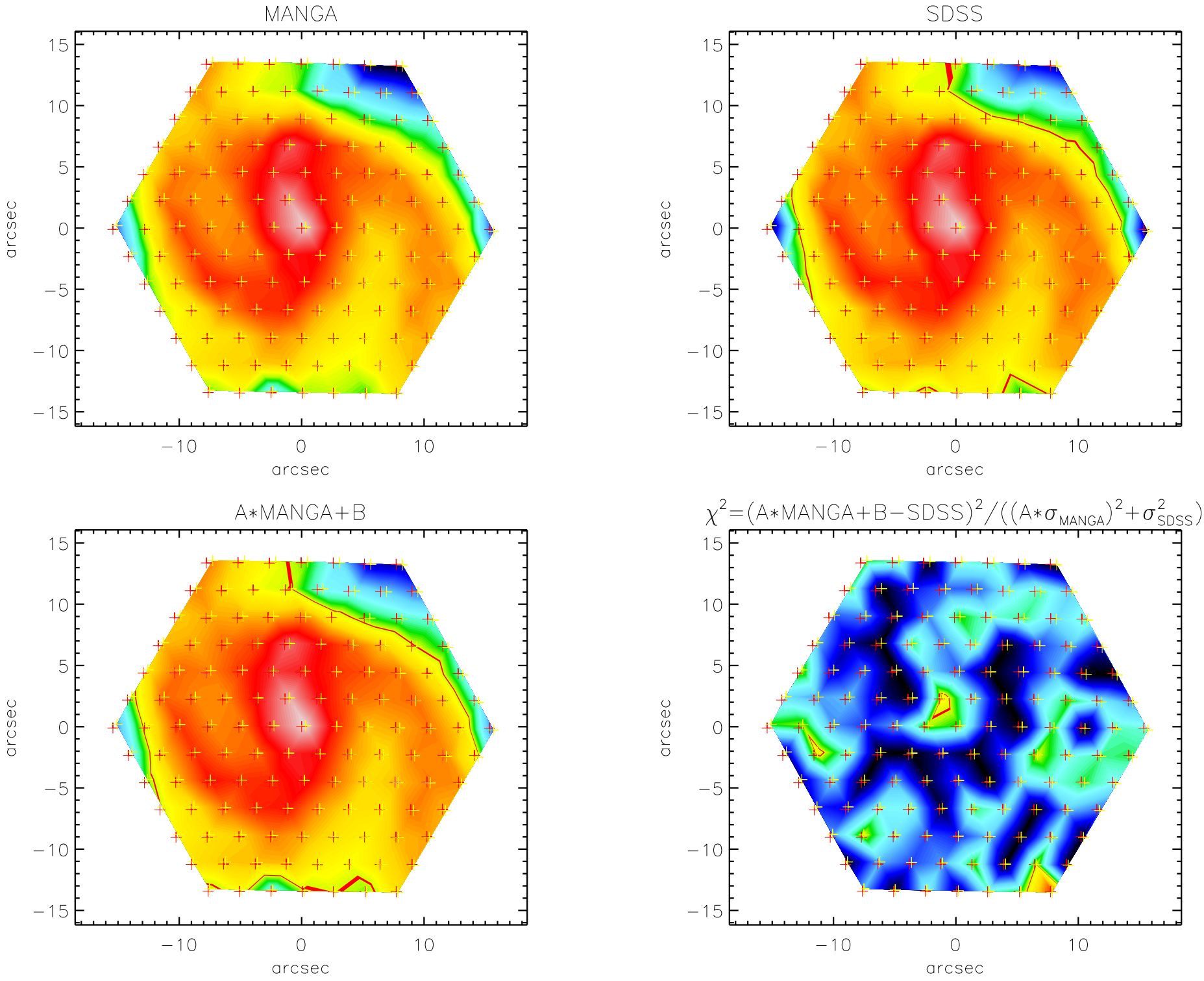

χ^2
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.27
ΔDEC
ΔDEC=−0.02
θ
θ=−0.84

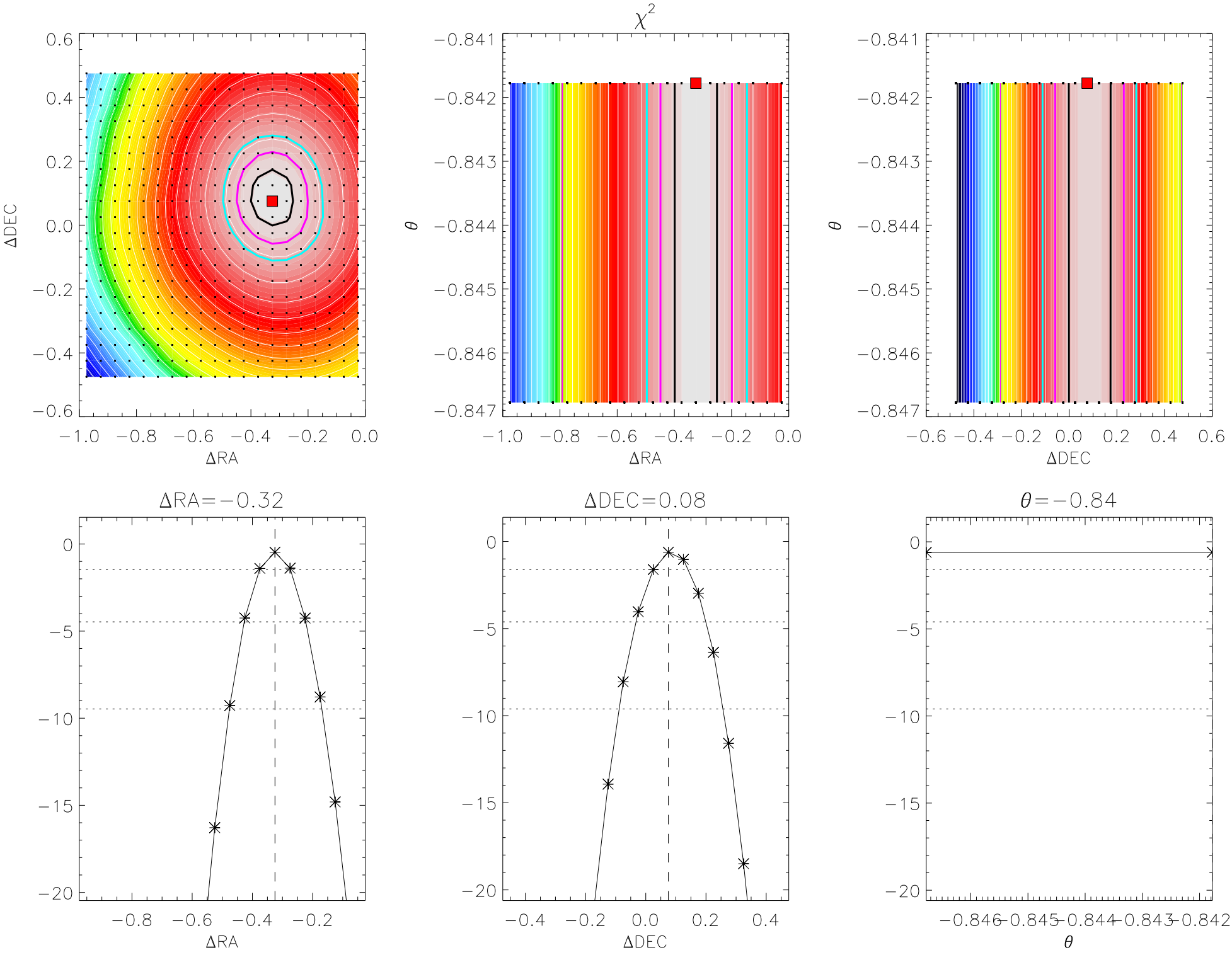

$N_{fib}=127$; $\chi^2_{red}=0.79$; A=1.05(0.01) ; B=−0.03(0.02)
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
FLUX MANGA

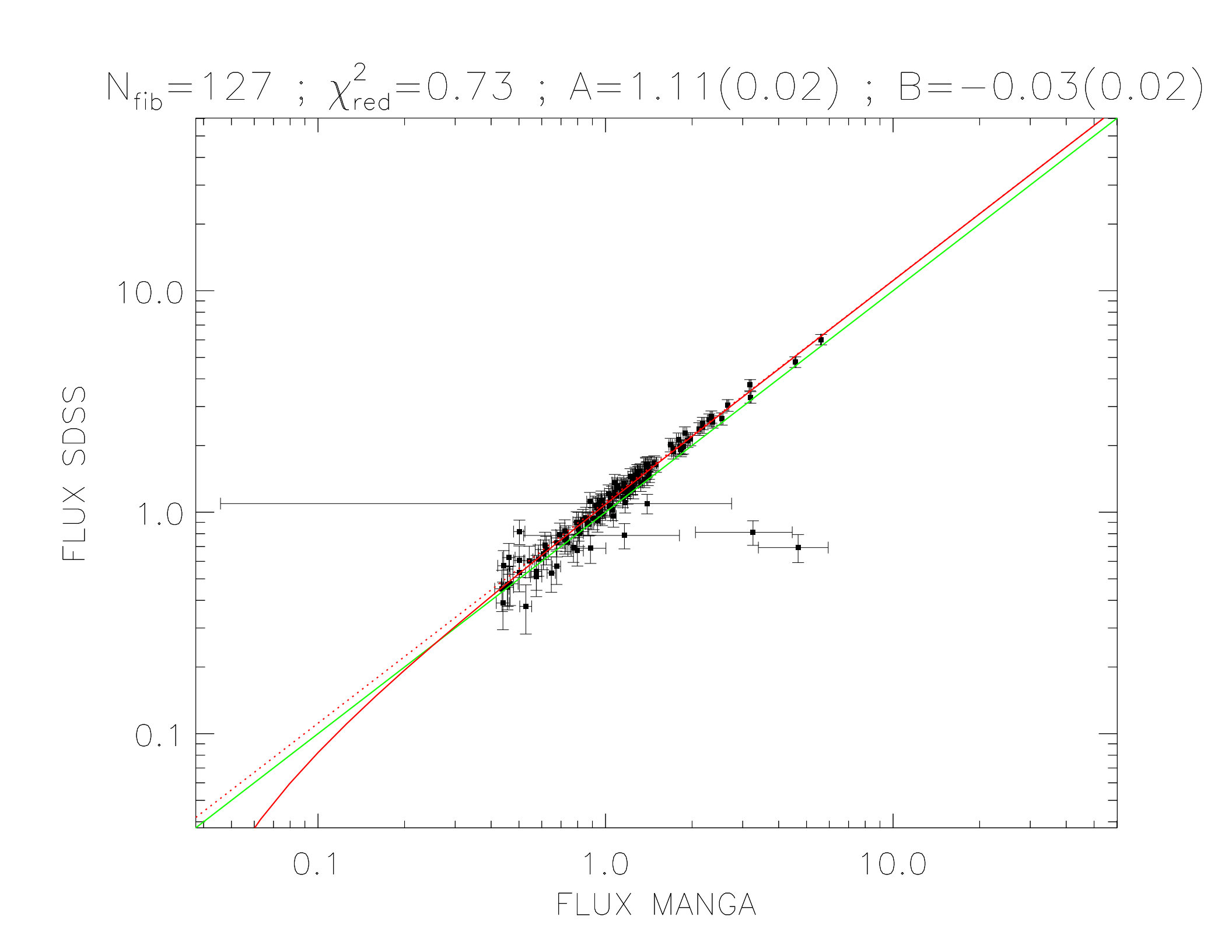

MANGA
SDSS
A∗MANGA+B
$\chi^2=(A*MANGA+B-SDSS)^2/((A*\sigma_{MANGA})^2+\sigma^2_{SDSS})$
arcsec
arcsec
15
10
5
0
−5
−10
−15
−10
0
10

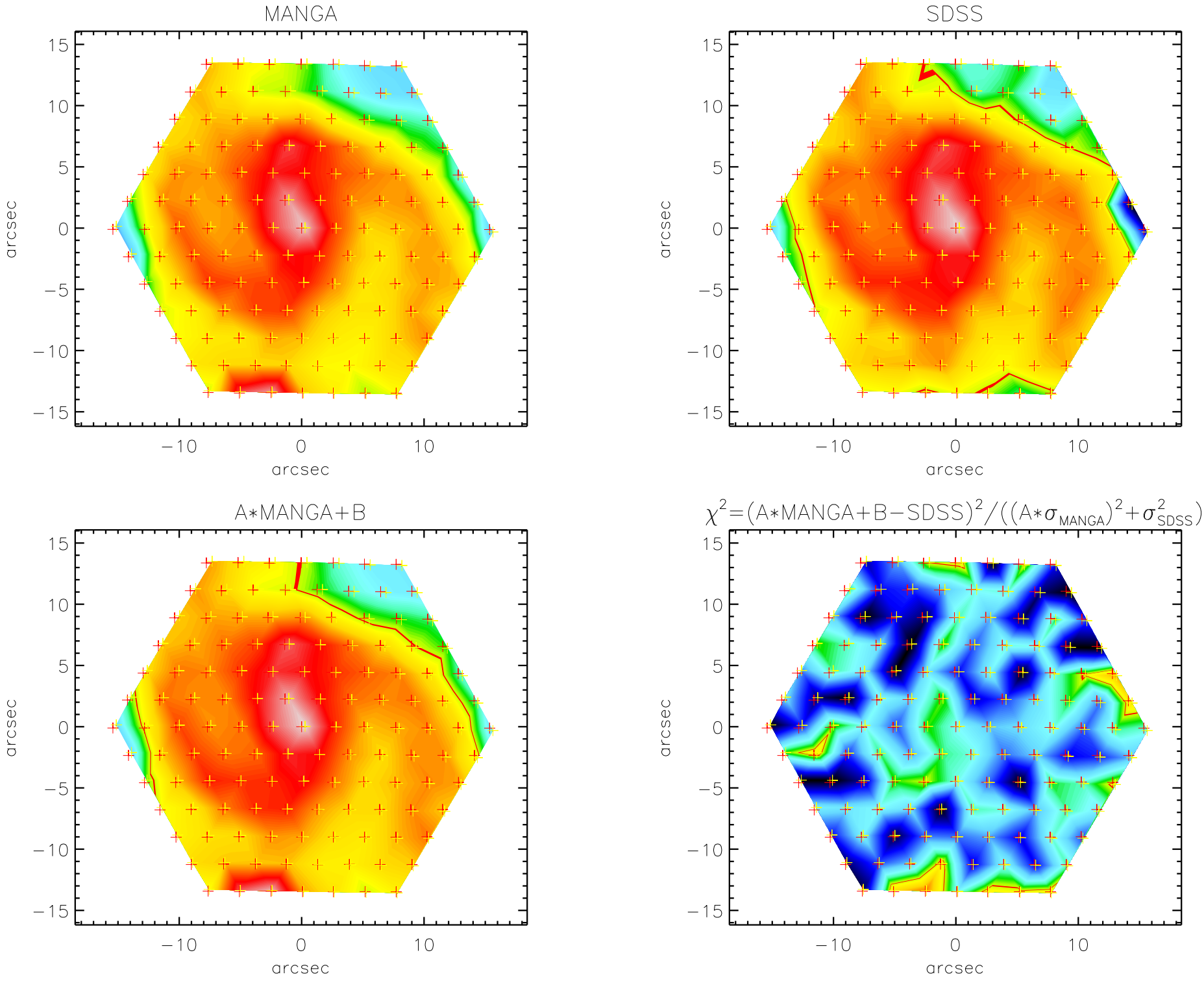

χ^2
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.32
ΔDEC=0.08
θ=−0.84
ΔRA
ΔDEC
θ

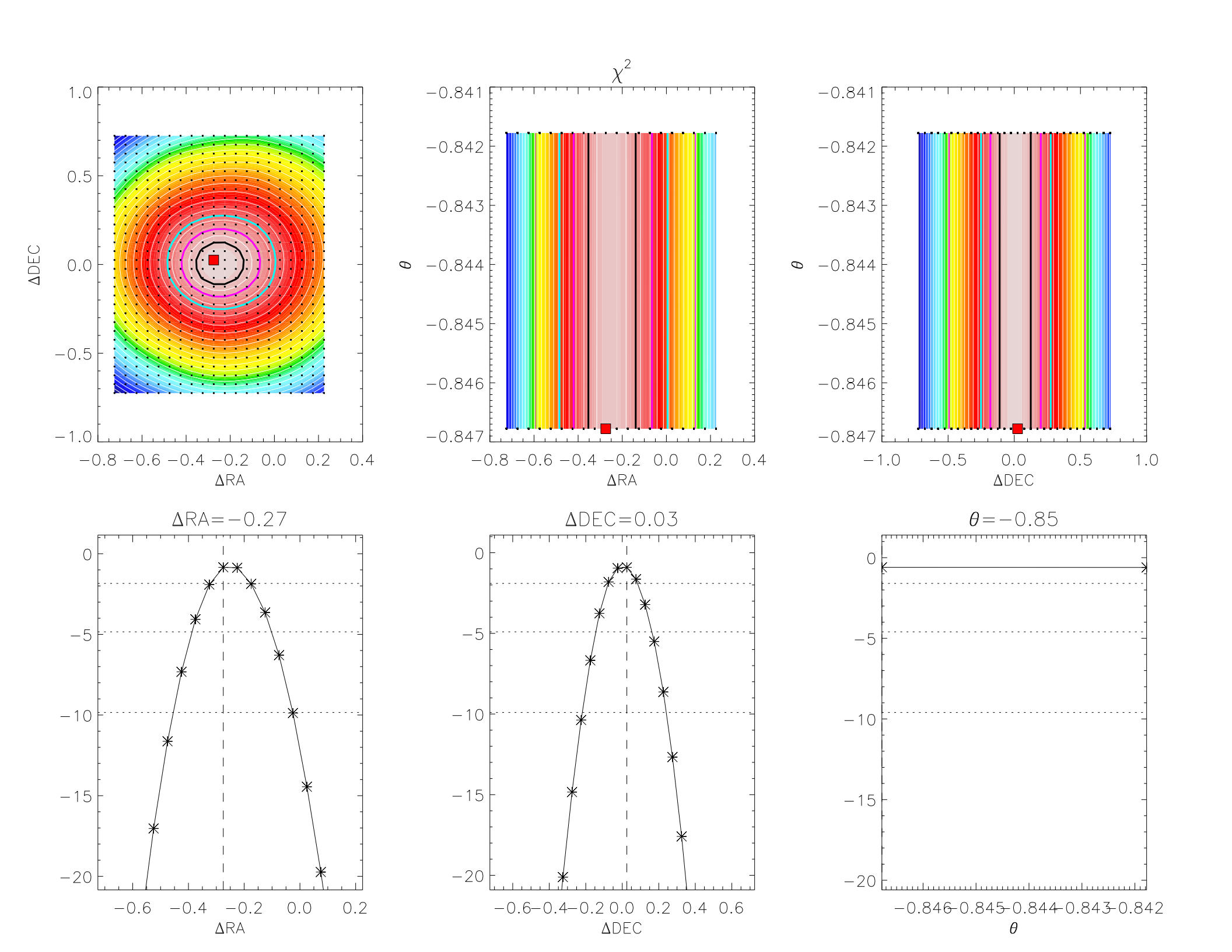

N_{fib}=127 ; χ^2_{red}=0.52 ; A=1.07(0.01) ; B=−0.03(0.02)
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
FLUX MANGA


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


χ^2
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.32
ΔDEC=0.08
θ=−0.84
ΔRA
ΔDEC
θ


$N_{fib}=127$; $\chi^2_{red}=0.73$; A=1.11(0.02) ; B=−0.03(0.02)
10.0
1.0
0.1
FLUX SDSS
0.1
1.0
10.0
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


χ^2
ΔDEC
ΔRA
θ
ΔRA
θ
ΔDEC
ΔRA=−0.27
ΔDEC=0.03
θ=−0.85
ΔRA
ΔDEC
θ