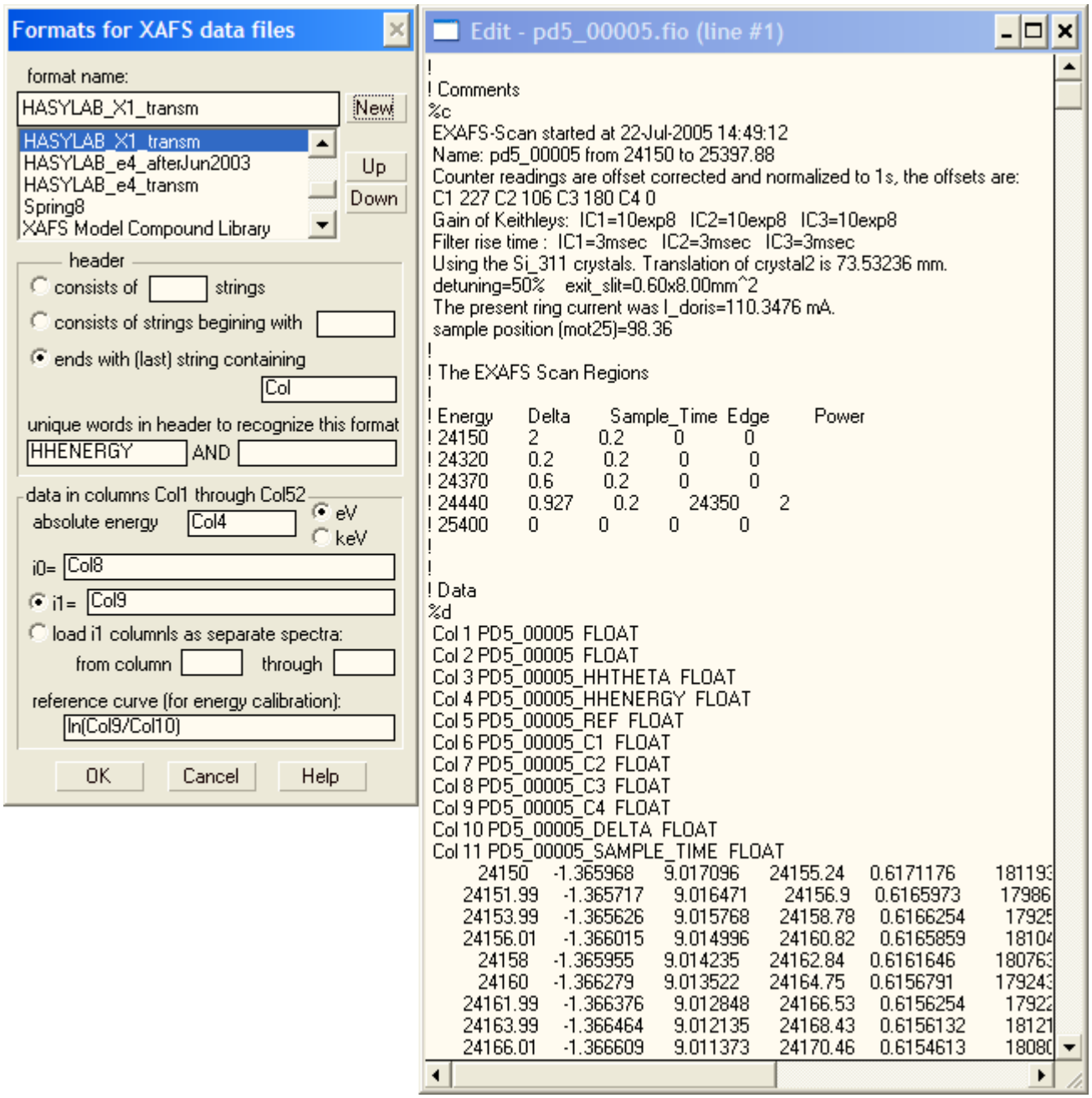
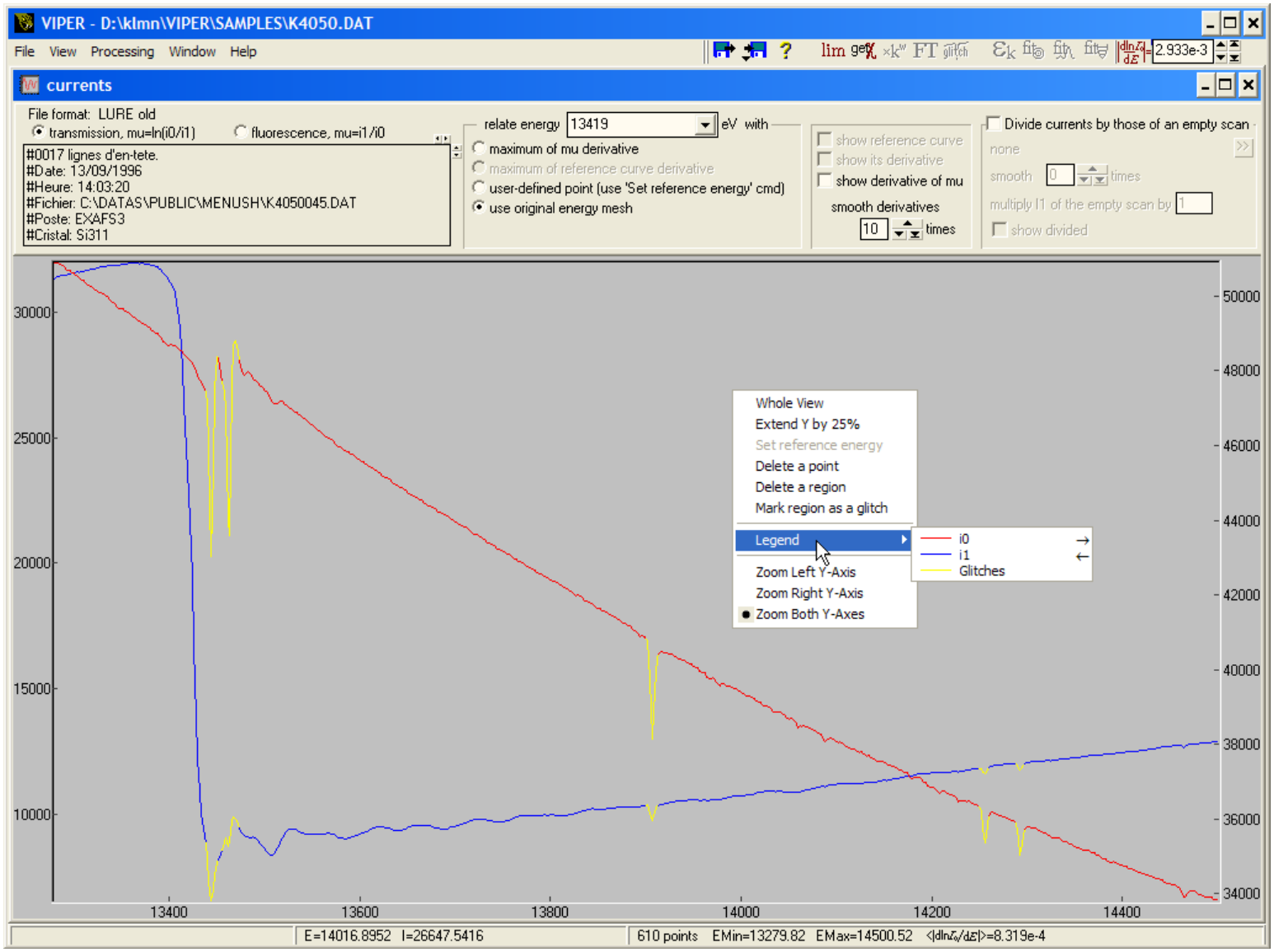
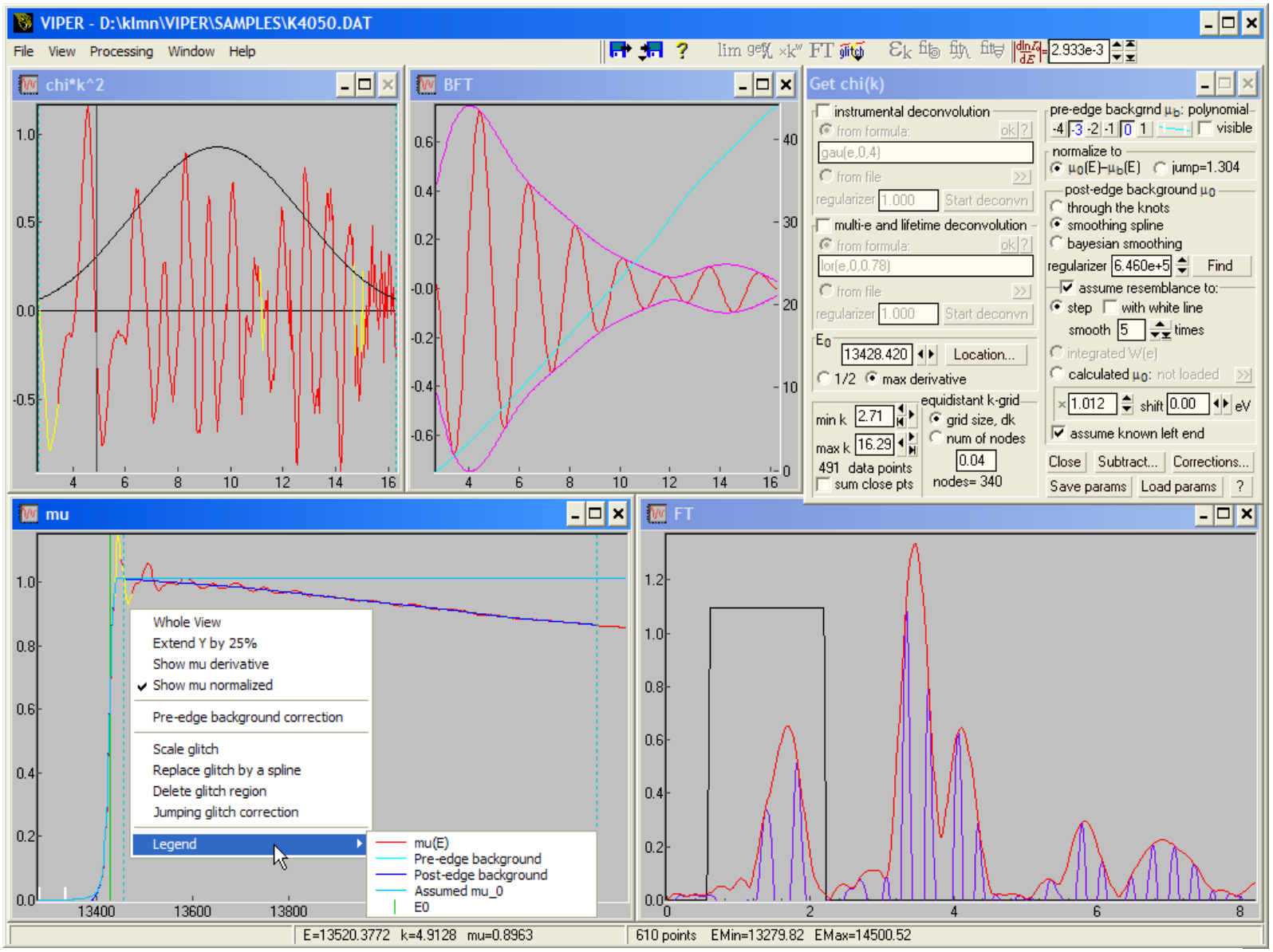
- **'Formats...' dialog box**



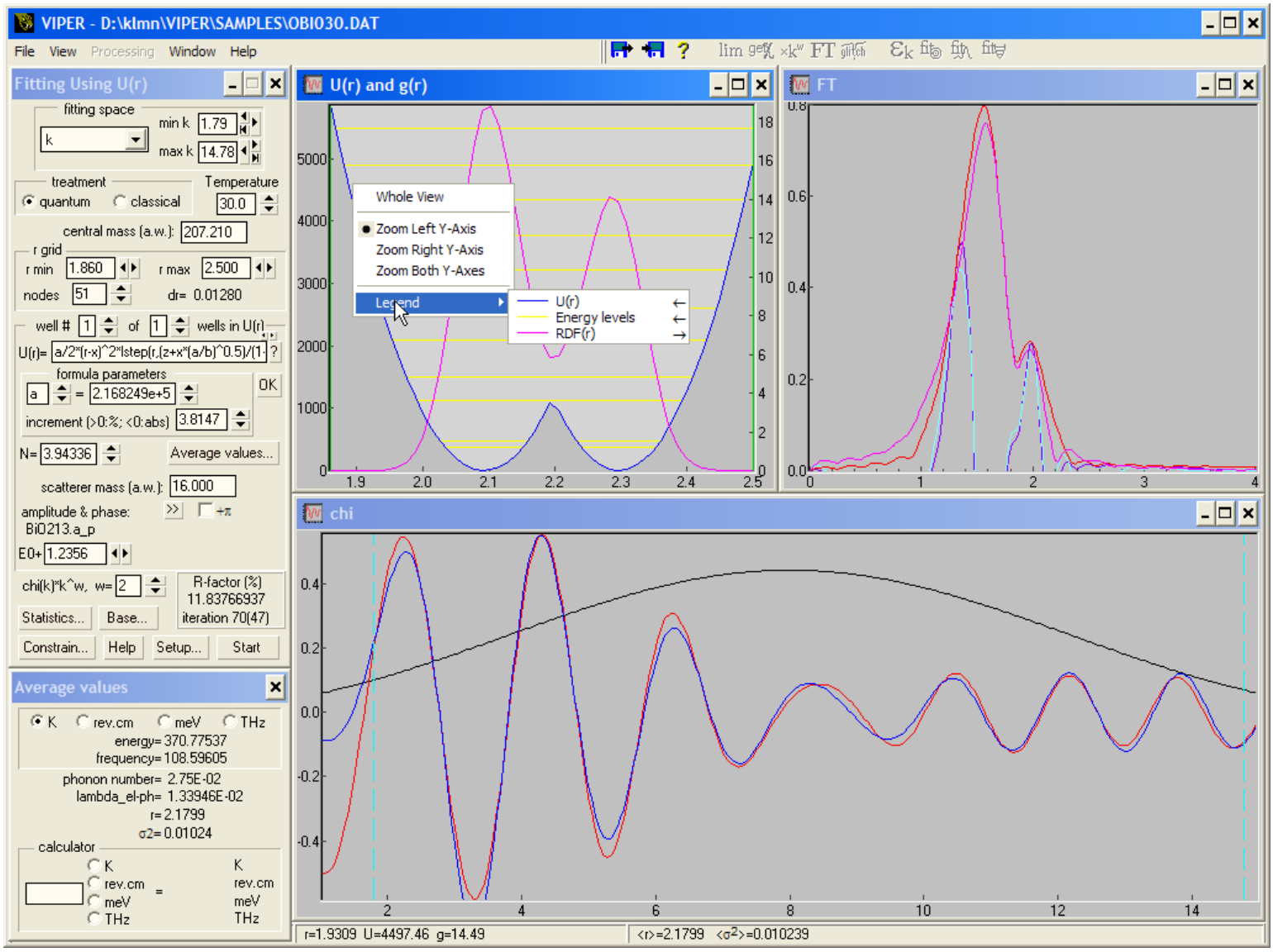
after opening an experimental file (containing currents of ionization chamber



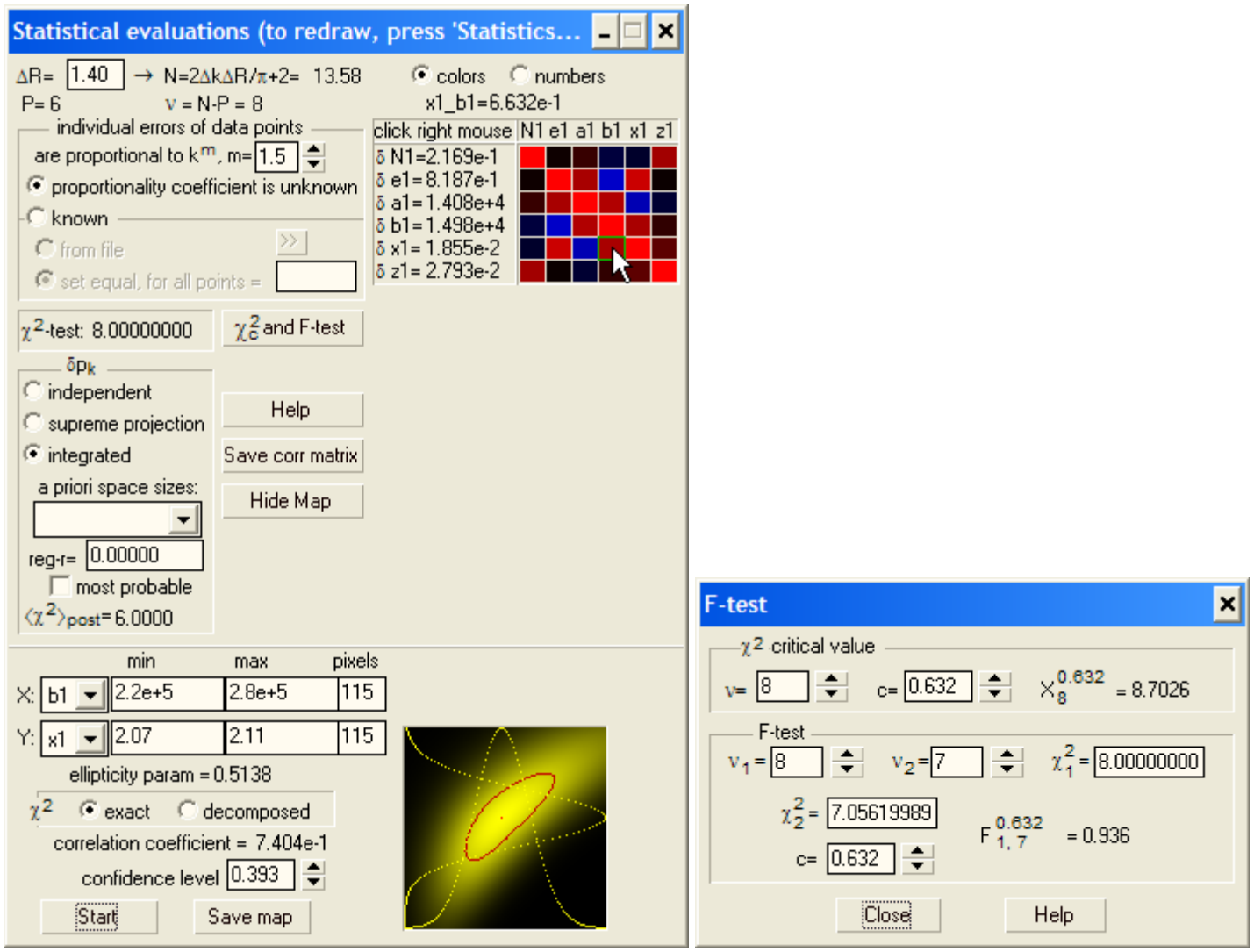
after pressing 'get χ' button



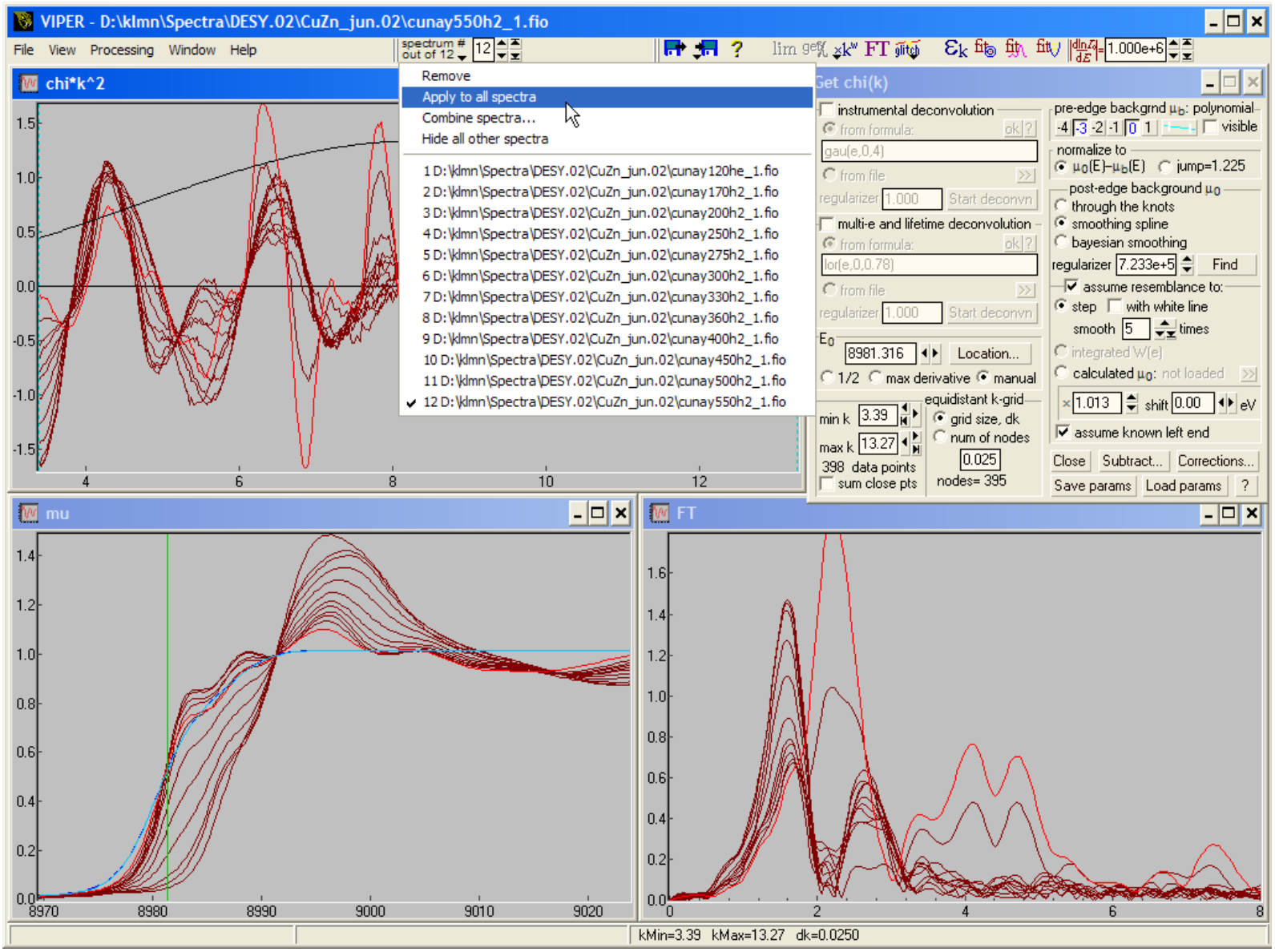
a filtered χ(k) is loaded and the command 'fitting using U(r)' is performed



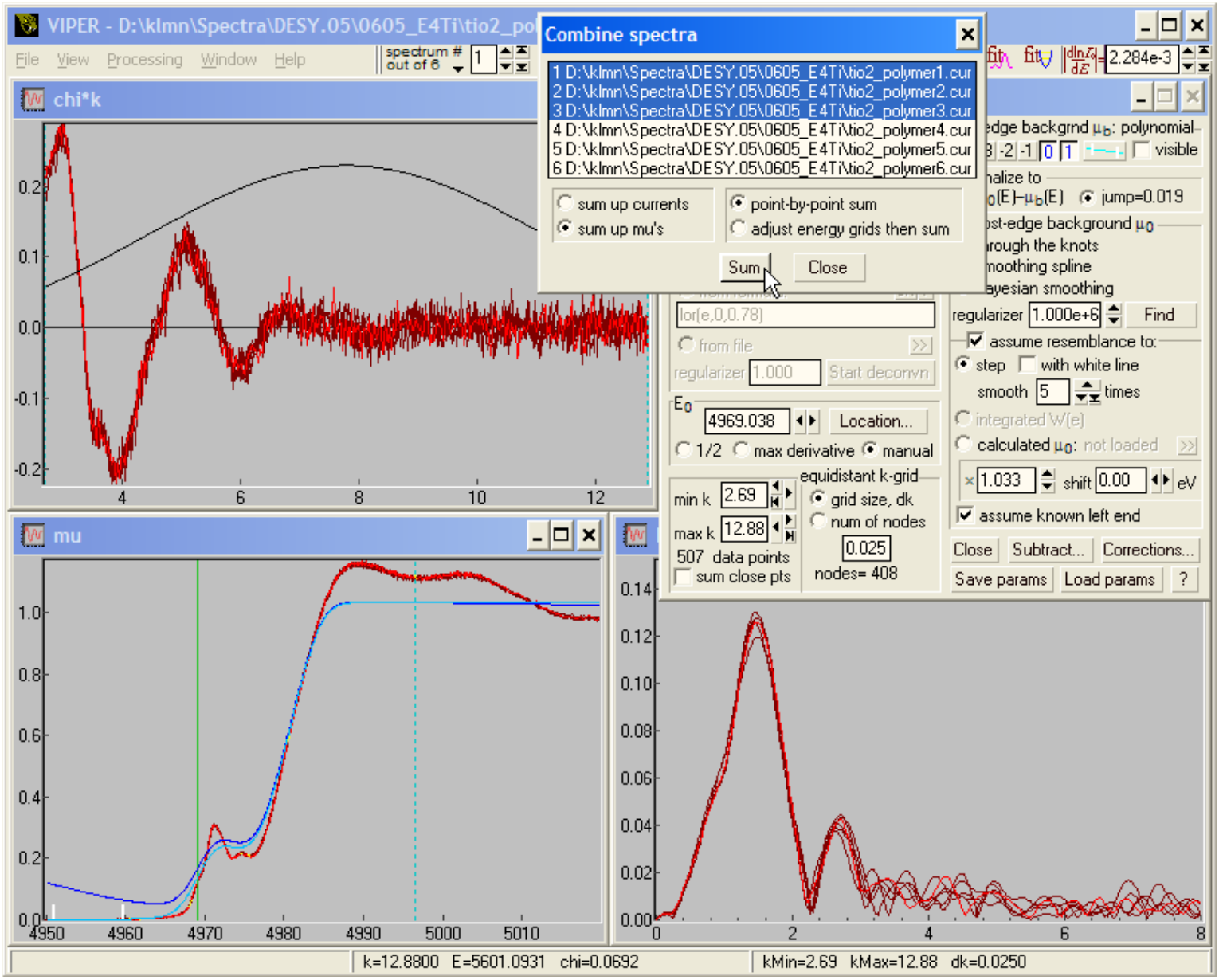
'Statistics' dialog box (after pressing 'Statistics...' button) with mapping and statistical tests



you can open as many files as you want (this is a series of CuZn-based catalysts under reduction treatment)



you can easily combine several spectra. Here are 6 fluorescence spectra ...


VIPER - D:\klmn\Spectra\DESY.05\0605_E4Ti\tio2_po
File View Processing Window Help
spectrum # out of 6
chi*k
mu
Combine spectra
1 D:\klmn\Spectra\DESY.05\0605_E4Ti\tio2_polymer1.cur
2 D:\klmn\Spectra\DESY.05\0605_E4Ti\tio2_polymer2.cur
3 D:\klmn\Spectra\DESY.05\0605_E4Ti\tio2_polymer3.cur
4 D:\klmn\Spectra\DESY.05\0605_E4Ti\tio2_polymer4.cur
5 D:\klmn\Spectra\DESY.05\0605_E4Ti\tio2_polymer5.cur
6 D:\klmn\Spectra\DESY.05\0605_E4Ti\tio2_polymer6.cur
sum up currents
sum up mu's
point-by-point sum
adjust energy grids then sum
Sum
Close
regularizer 1.000e+6
Find
assume resemblance to:
step
with white line
smooth 5 times
integrated W(e)
calculated μ0: not loaded
shift 0.00 eV
assume known left end
E0 4969.038
Location...
1/2
max derivative
manual
equidistant k-grid
min k 2.69
max k 12.88
grid size, dk
num of nodes
0.025
507 data points
nodes= 408
sum close pts
Close
Subtract...
Corrections...
Save params
Load params
k=12.8800 E=5601.0931 chi=0.0692
kMin=2.69 kMax=12.88 dk=0.0250

... combined into 2