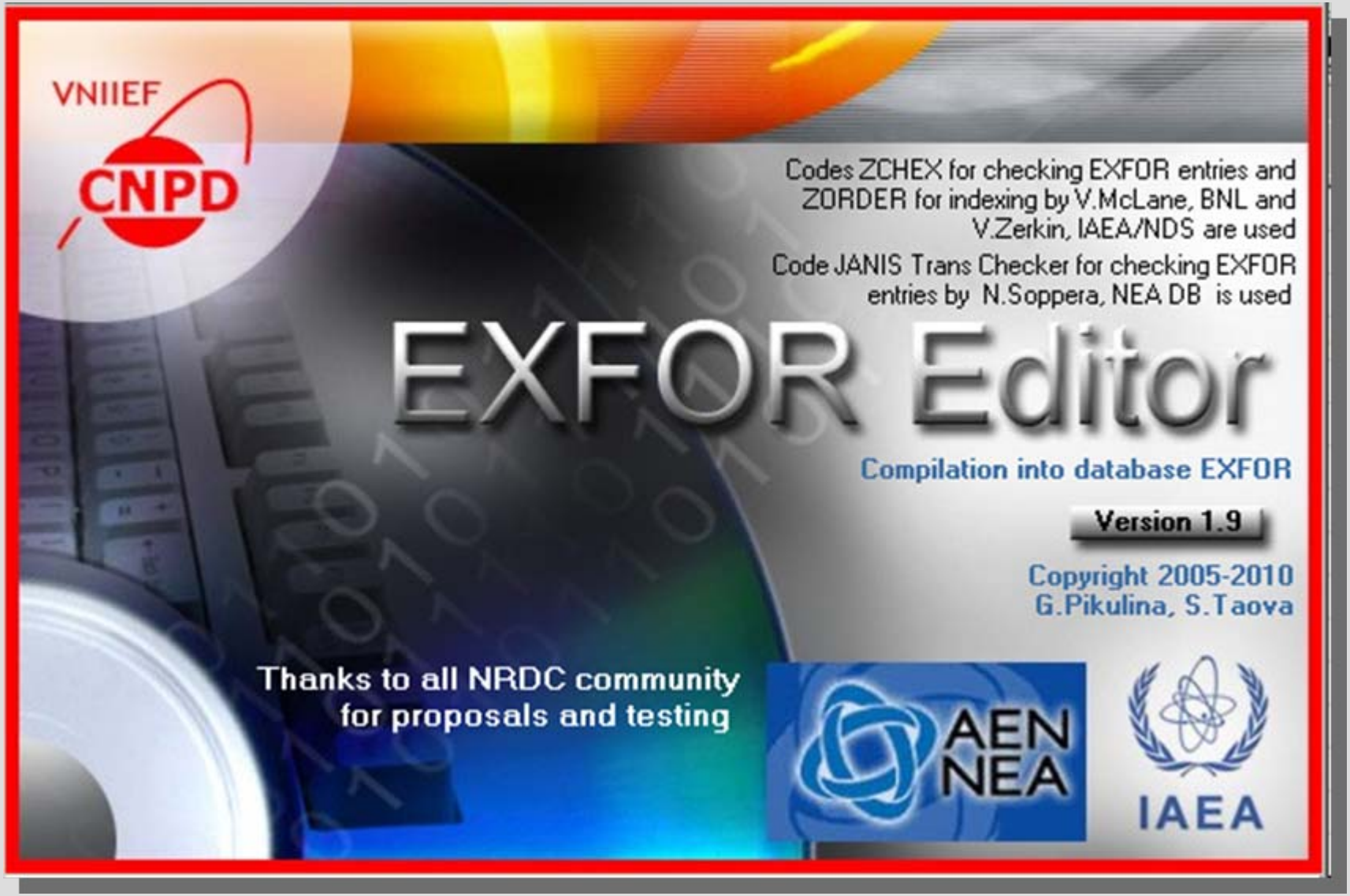
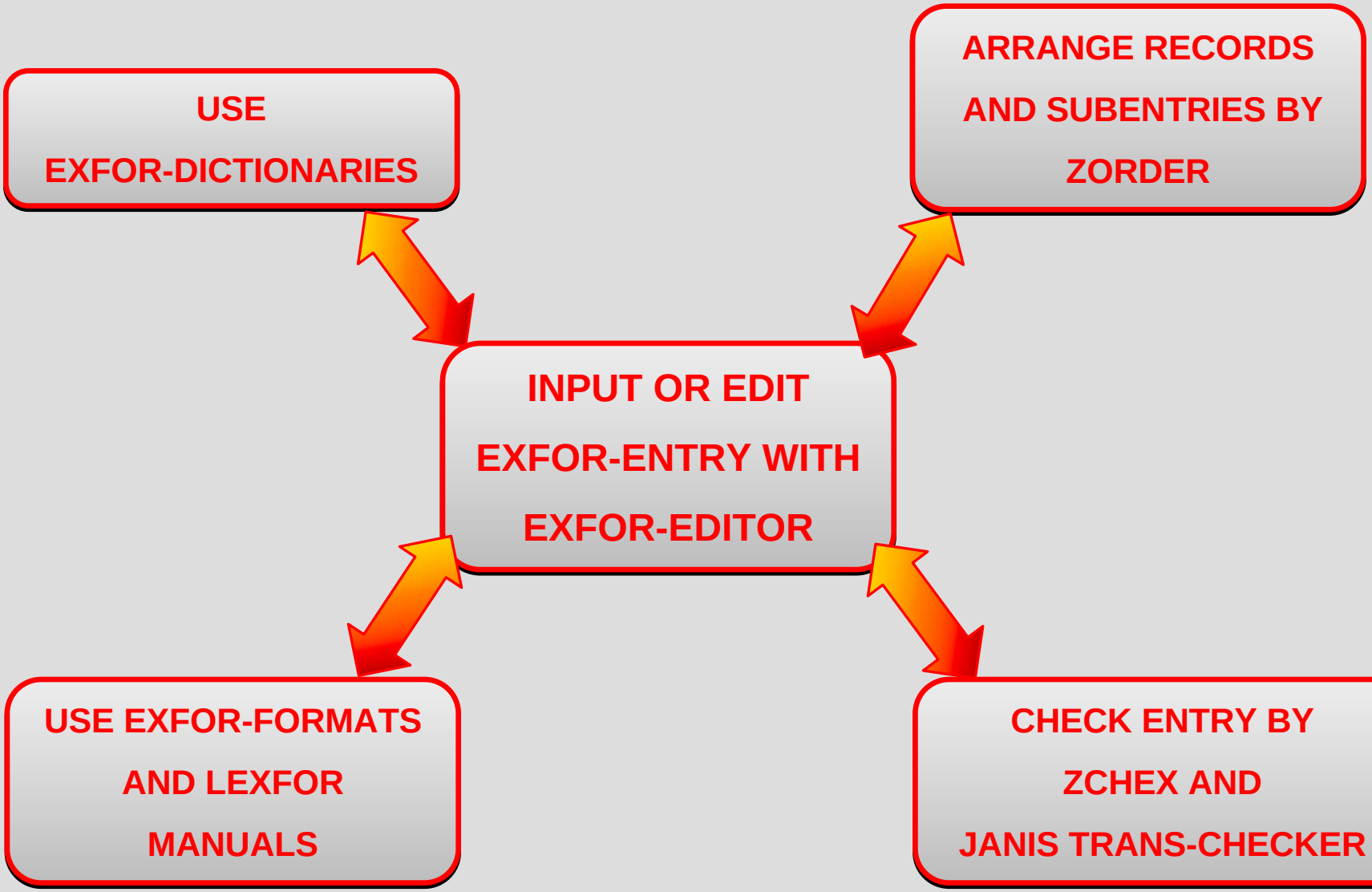
Introduction into EXFOR-Editor



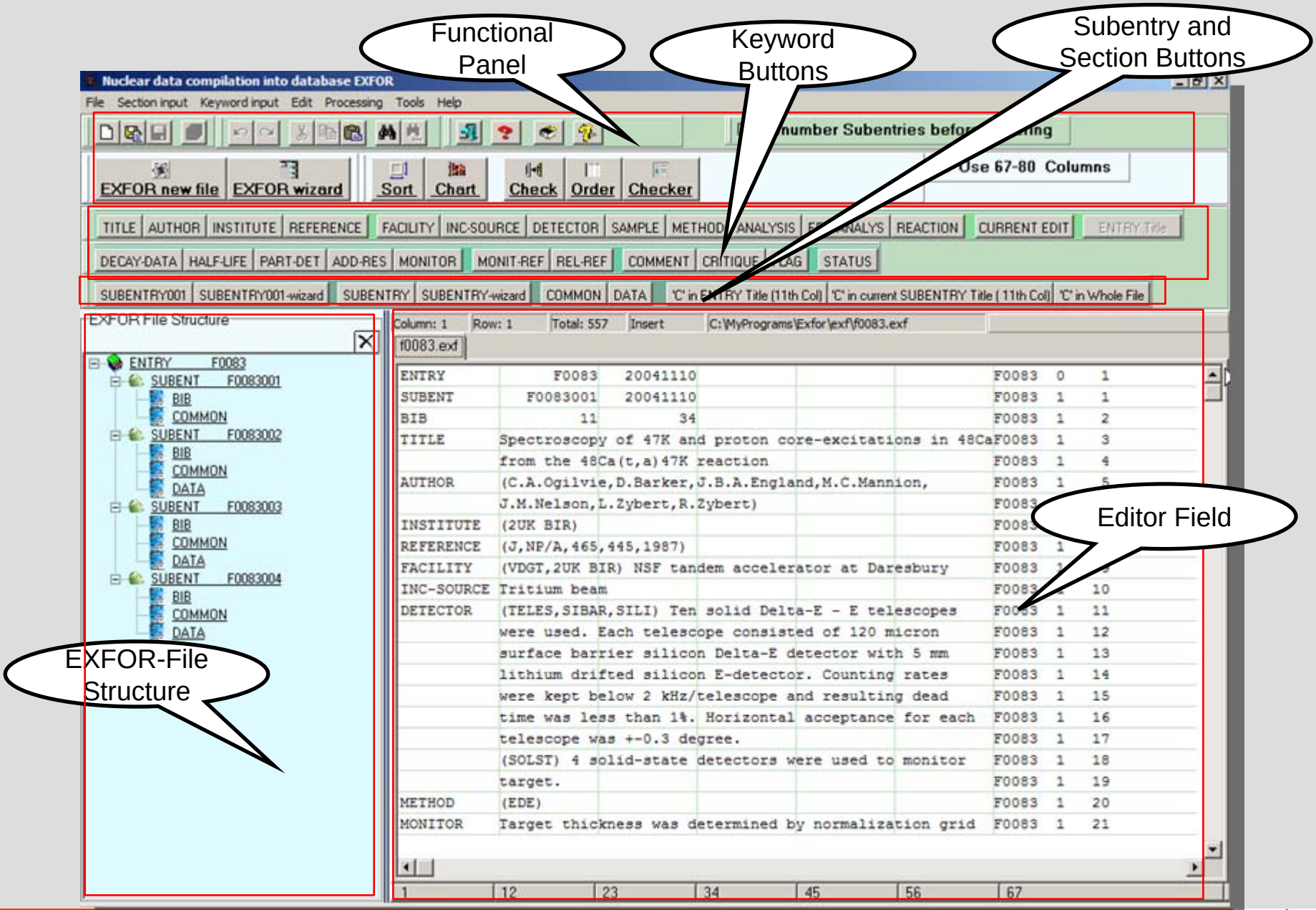
Process of Compilation



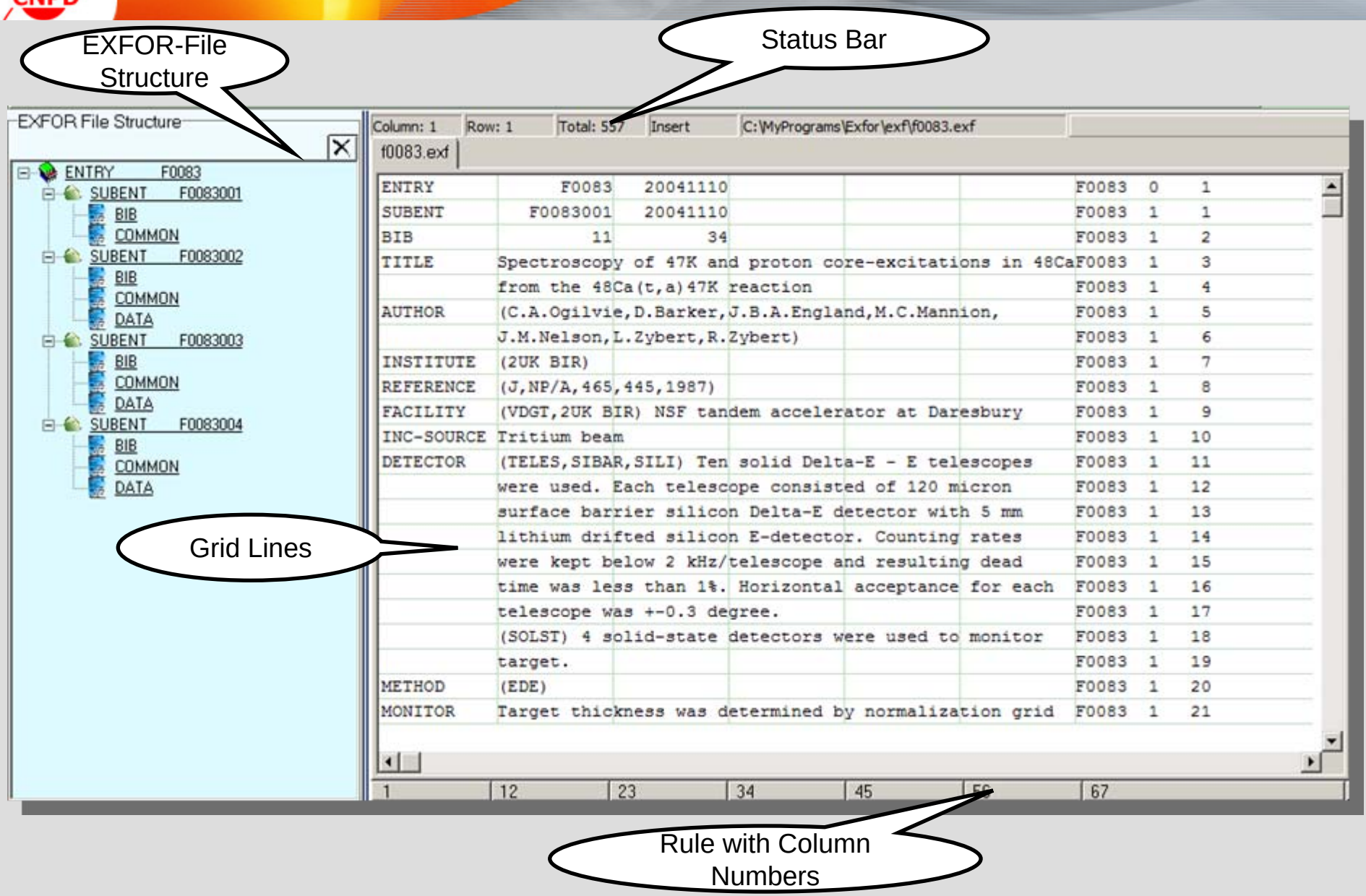
EXFOR-Editor Functions

- New EXFOR file creation and editing of the old one
- Insertion of subentries and keywords using special dialog windows
- Work with numerical data
- Processing and checking of EXFOR-files
- Provision of special tools and service functions

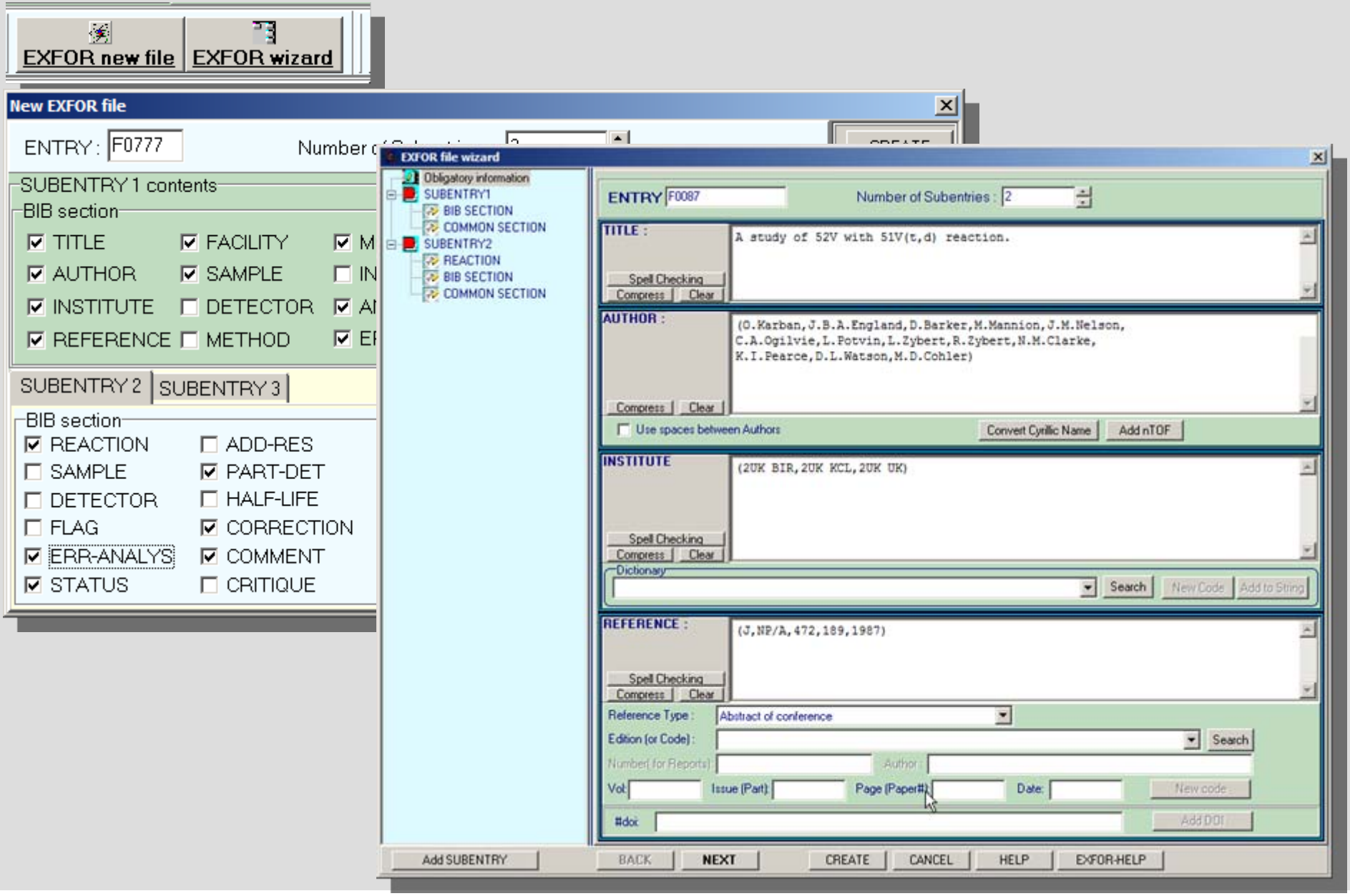
Main Window of EXFOR-Editor



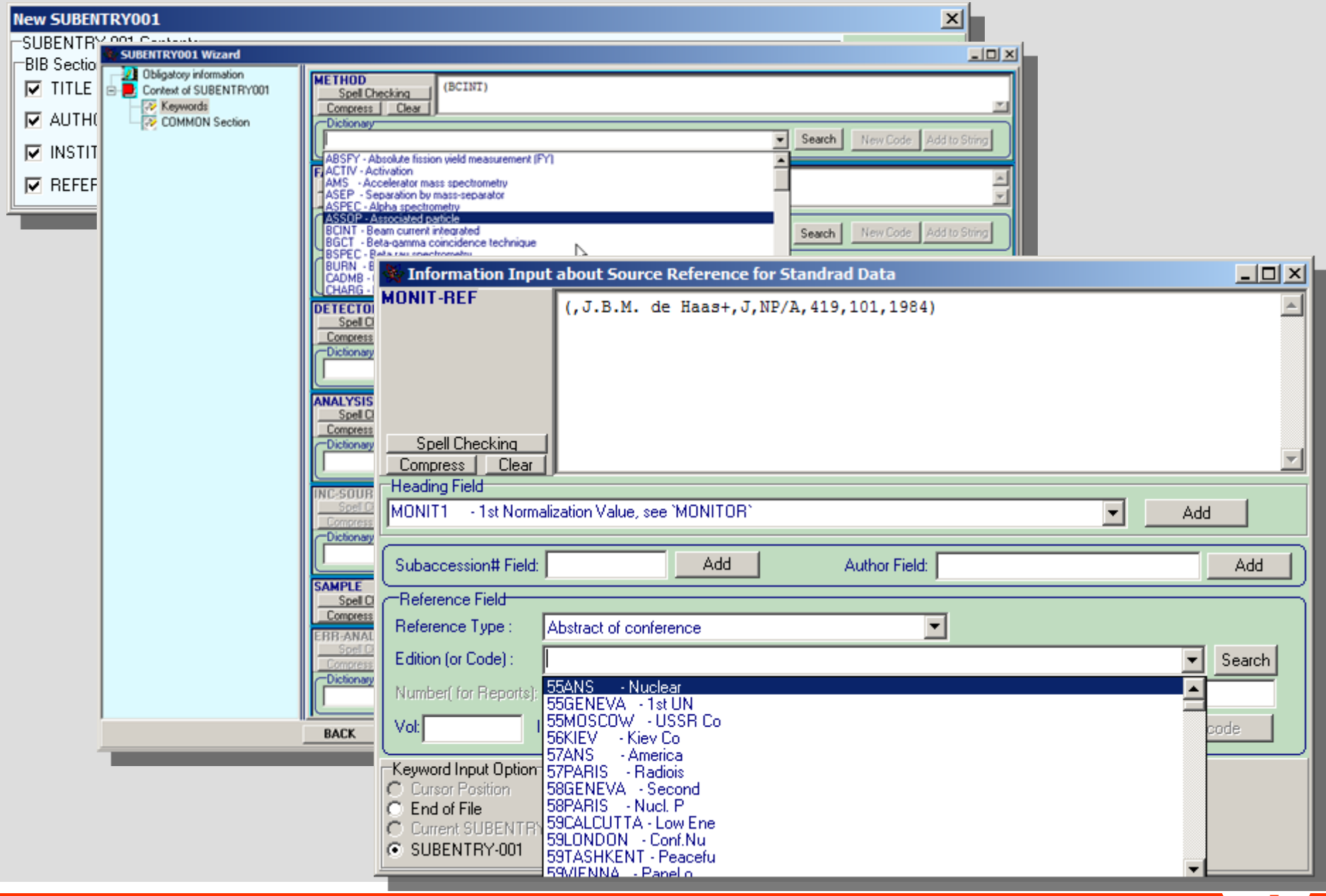
Editor Field



New File Creation



Input Subentries and Keywords



Working with Numeric Data

Data Table

Selected Column: 1 Selected Row: 3

	E-LVL	ANG-CM	DATA-CM	DATA-ERR
1	MEV	ADEG	MB/SR	MB/SR
3	3.83	7.1985	7.5053	
4	3.83	8.175	9.1227	
5	3.83	10.374	8.5191	
6	3.83	12.374	7.8449	
7	3.83	13.384	6.8299	
8	3.83	15.016	4.6958	
9	3.83	16.05	3.2276	0.33977
10	3.83	17.522	1.4826	0.1375
11	3.83	18.981	0.7826	0.11099
12	3.83	20.202	0.60968	0.086416
13	3.83	21.755	0.91318	0.20212
14	3.83	23.283	1.7567	
15	3.83	25.05	2.2899	
16	3.83	26.851	2.1085	
17	3.83	28.458	1.8619	
18	3.83	29.476	1.4913	
19	3.83	31.31	0.99728	
20	3.83	32.618	0.32356	0.088559
21	3.83	35.97	0.45881	0.091514
22	3.83	38.919	0.67818	0.087977
23	3.83	41.334	0.53604	0.063006
24	3.83	44.356	0.38451	0.045228
25	3.83	47.015	0.1921	0.024937
26	3.83	49.113	0.48818	0.05738
27	3.83	51.911	0.44972	0.047342
28	3.83	54.7	0.45033	0.047407
29	3.83	56.908	0.38154	
30	3.83	59.753	0.21907	0.017535
31	3.83	64.958	0.171	0.018001
32	3.83	67.743	0.17853	
33	3.83	70.145	0.15992	0.018811
34	3.83	72.946	0.14328	
35	3.83	75.534	0.14547	0.018883
36	3.83	78.362	0.098693	
37	3.83	80.788	0.069796	0.0082098
38	3.83	85.557	0.079285	0.011245

Current Subentry F0083004

DATA: Import, Sort, Paste, Chart, Clear All

Column: Add, Insert, Copy, Delete, Rename, Move Left, Move Right, Calculations, Set Value

Data Sort

Choose Table Columns to Sort

Primary Sort Key: E-LVL

Secondary Sort Key: ANG-CM

Last Sort Key:

OK

Cancel

Data Chart

Options | Chart

Information about Chart

Reaction: [20-CA-48[T,INL]20-CA-48,PAR,DA]

Status: [CURVE]Fig.5

X Value: 27.249
Y Value: 0.488

E-LVL: 3.83
DATA-ERR(3.83)
E-LVL: 4.507
DATA-ERR(4.507)

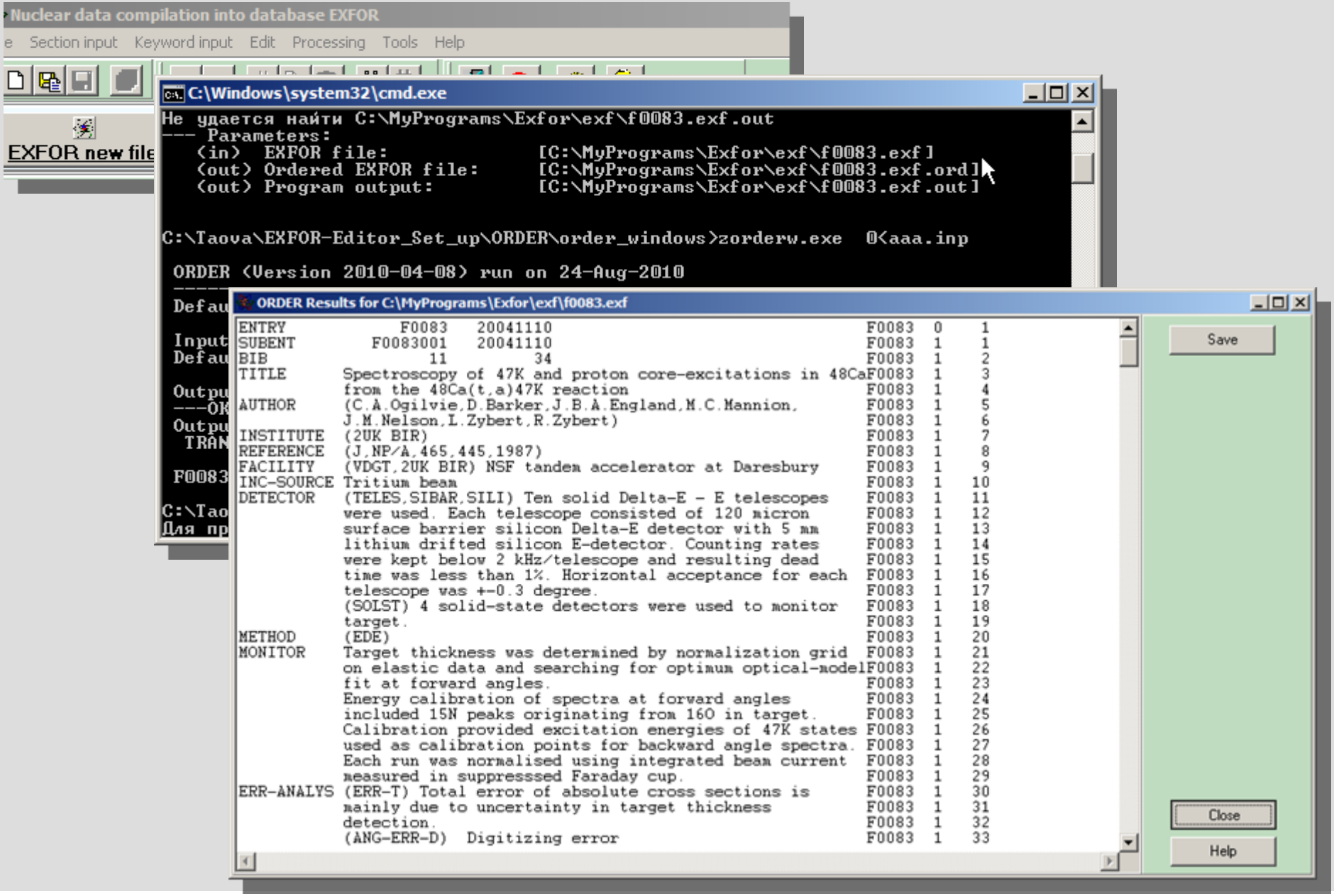
DATA-CM, MB/SR

ANG-CM, ADEG

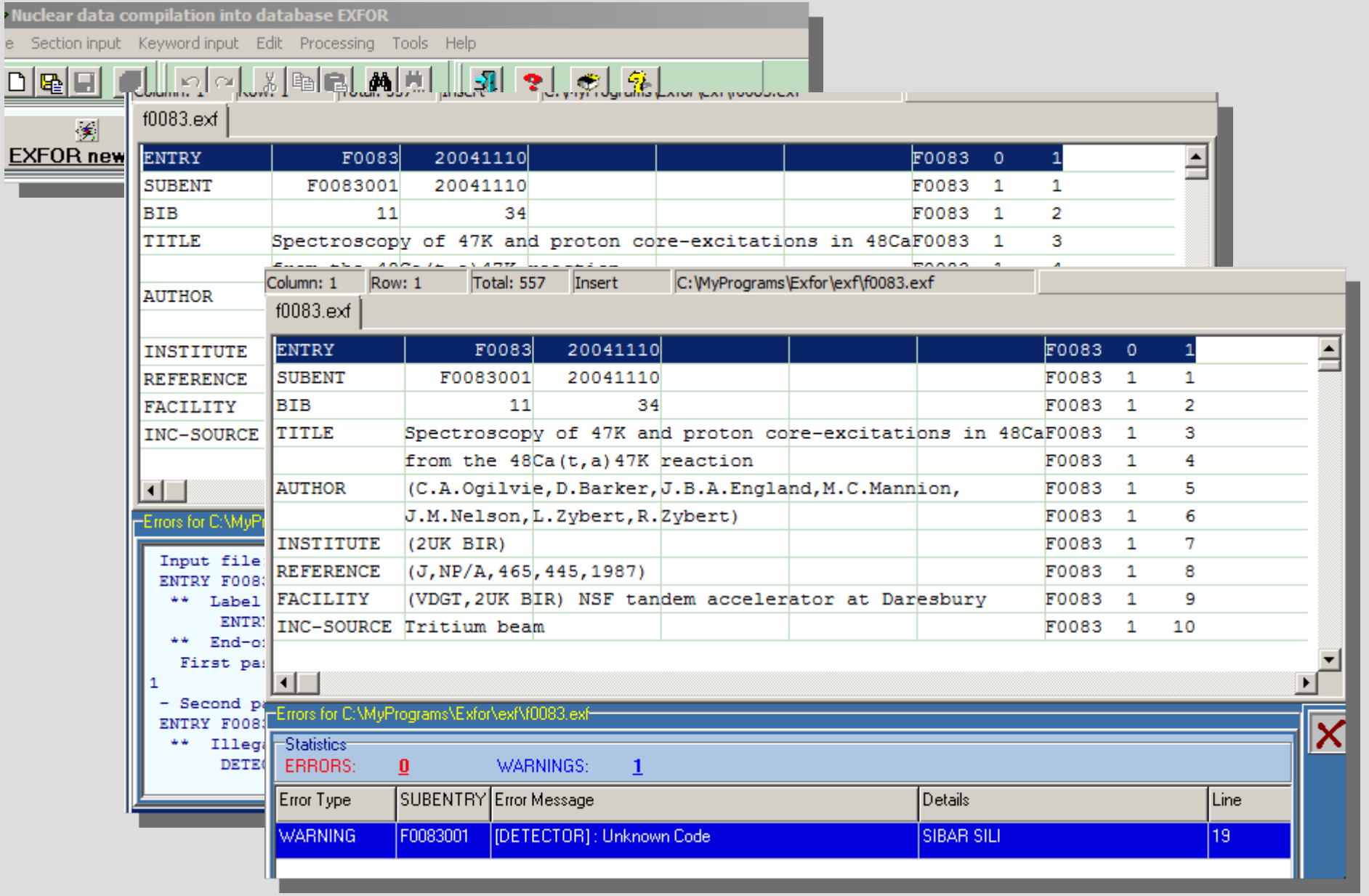
Statistic Information E-LVL: 3.83
First Point: 7.199, 7.505
Last Point: 127.580, 0.013
Number of values: 53
Maximum value: 9.123 at position 1
Minimum value: 0.013 at position 52
Range: 9.11

Scale | Marker Position Value X: 67.509 Value Y: 0.096 | Logarithmic Scale | Show Values | Change Axes Scale | Print | Export | Exit | Help

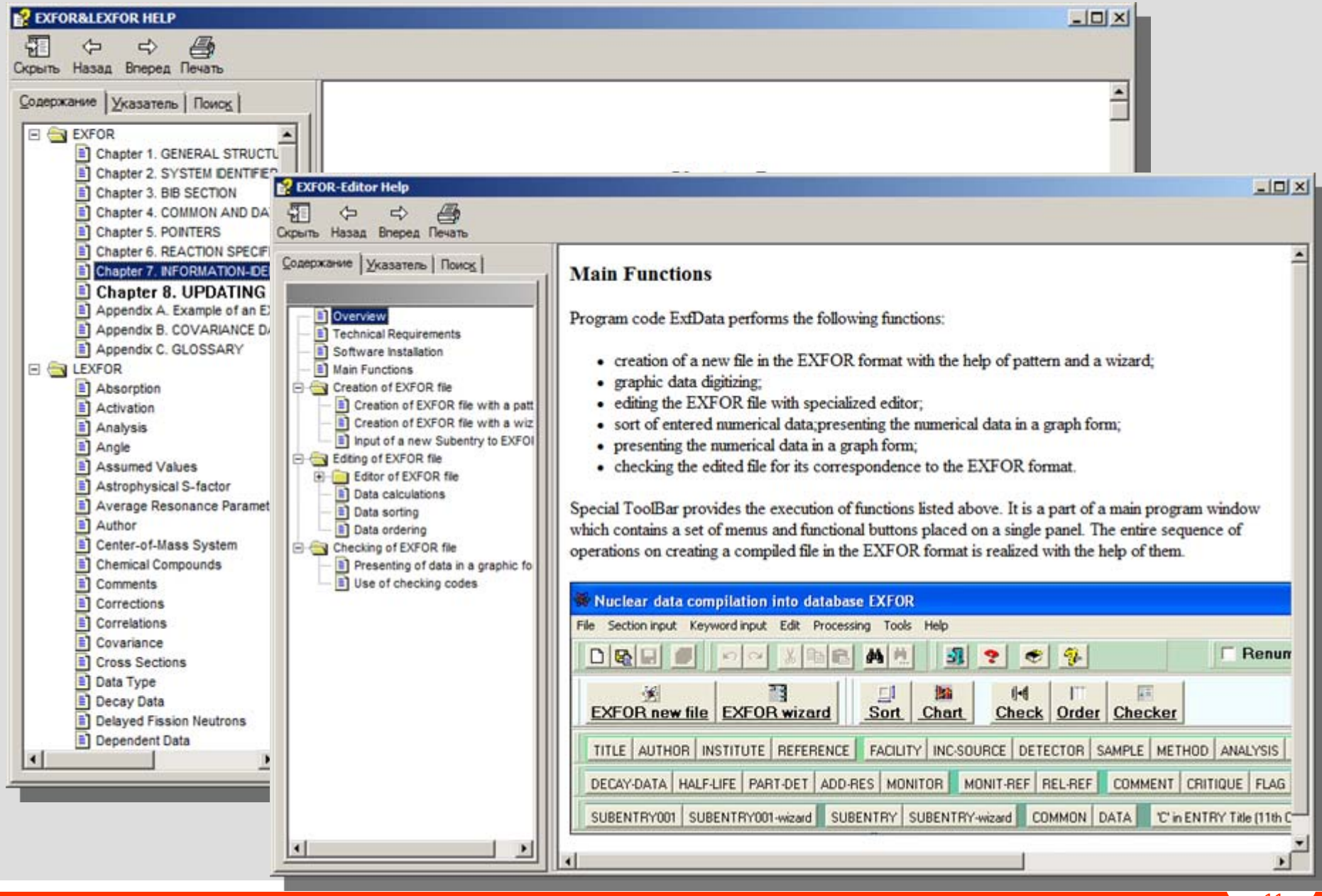
Arranging Records and Subentries



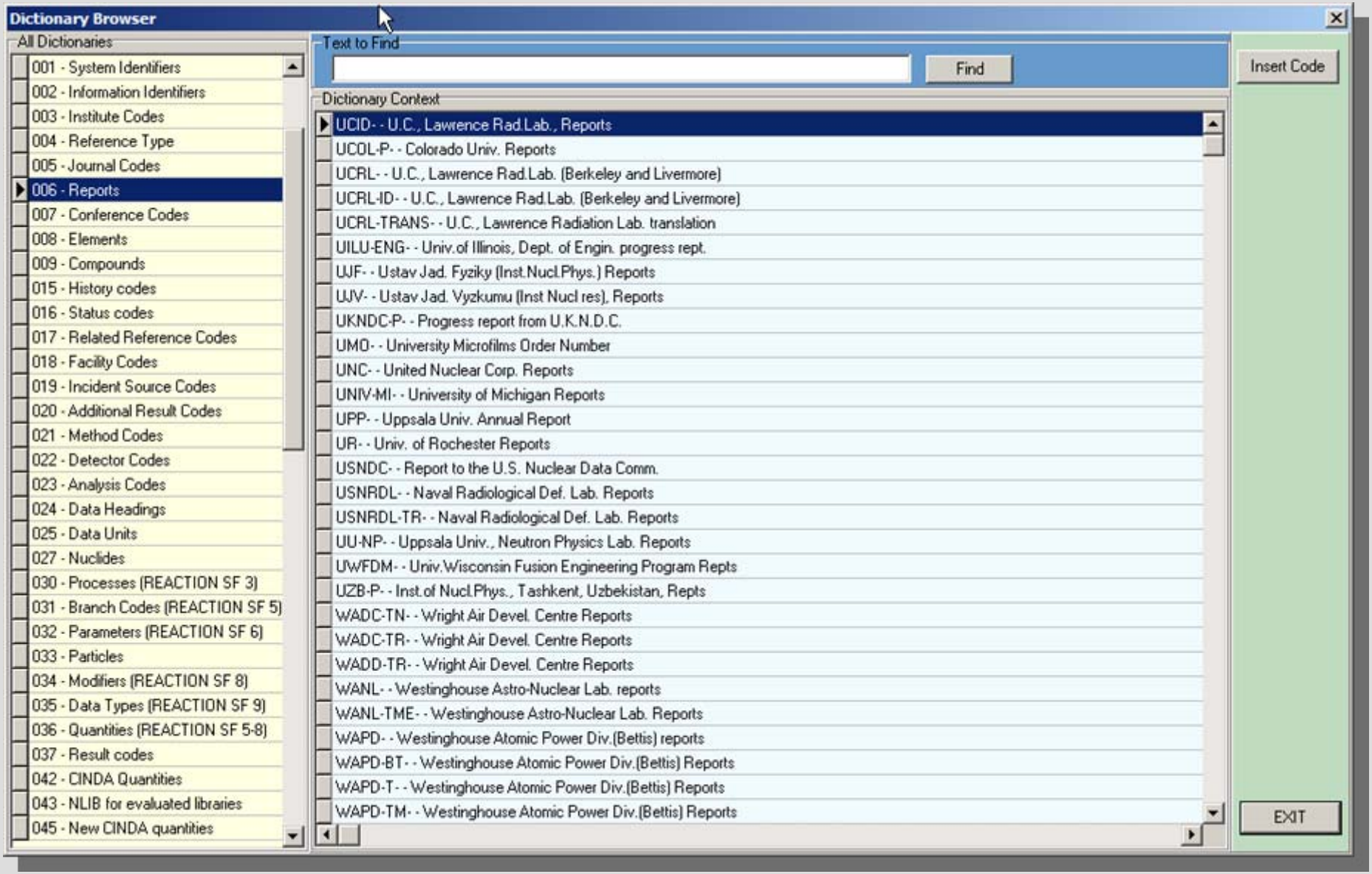
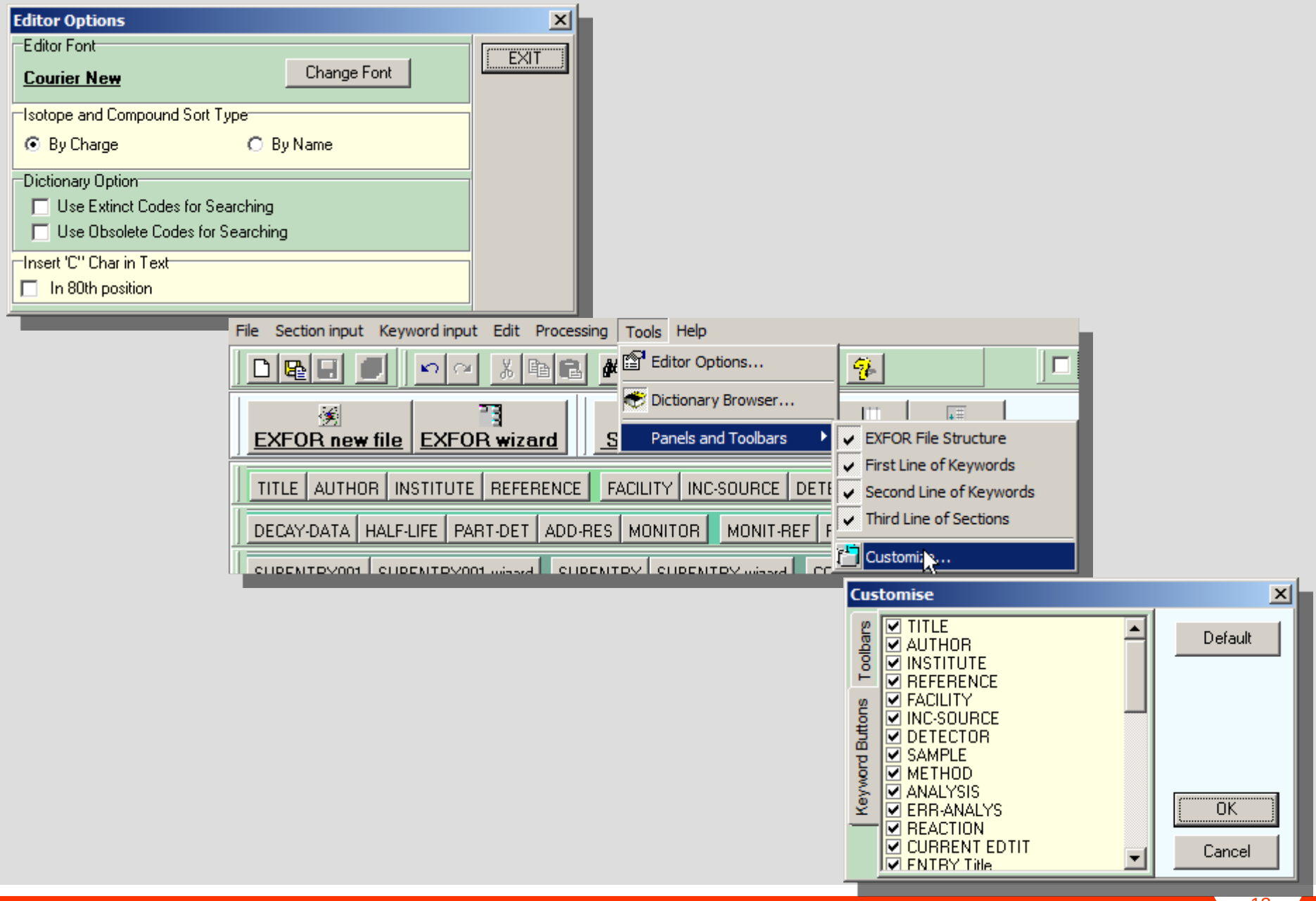
Checking


Nuclear data compilation into database EXFOR
Section input
Keyword input
Edit
Processing
Tools
Help
EXFOR new
f0083.exf
ENTRY F0083 20041110 F0083 0 1
SUBENT F0083001 20041110 F0083 1 1
BIB 11 34 F0083 1 2
TITLE Spectroscopy of 47K and proton core-excitations in 48Ca F0083 1 3
AUTHOR
INSTITUTE
REFERENCE
FACILITY
INC-SOURCE
Column: 1
Row: 1
Total: 557
Insert
C:\MyPrograms\Exfor\exf\f0083.exf
f0083.exf
ENTRY F0083 20041110 F0083 0 1
SUBENT F0083001 20041110 F0083 1 1
BIB 11 34 F0083 1 2
TITLE Spectroscopy of 47K and proton core-excitations in 48Ca F0083 1 3
from the 48Ca(t,a)47K reaction F0083 1 4
AUTHOR (C.A.Ogilvie,D.Barker,J.B.A.England,M.C.Mannion, F0083 1 5
J.M.Nelson,L.Zybert,R.Zybert) F0083 1 6
INSTITUTE (2UK BIR) F0083 1 7
REFERENCE (J,NP/A,465,445,1987) F0083 1 8
FACILITY (VDGT,2UK BIR) NSF tandem accelerator at Daresbury F0083 1 9
INC-SOURCE Tritium beam F0083 1 10
Errors for C:\MyPrograms\Exfor\exf\f0083.exf
Statistics
ERRORS: 0
WARNINGS: 1
Error Type
SUBENTRY
Error Message
Details
Line
WARNING
F0083001
[DETECTOR] : Unknown Code
SIBAR SILI
19

Extended Help System



Dictionary Browser



Customizing Tools