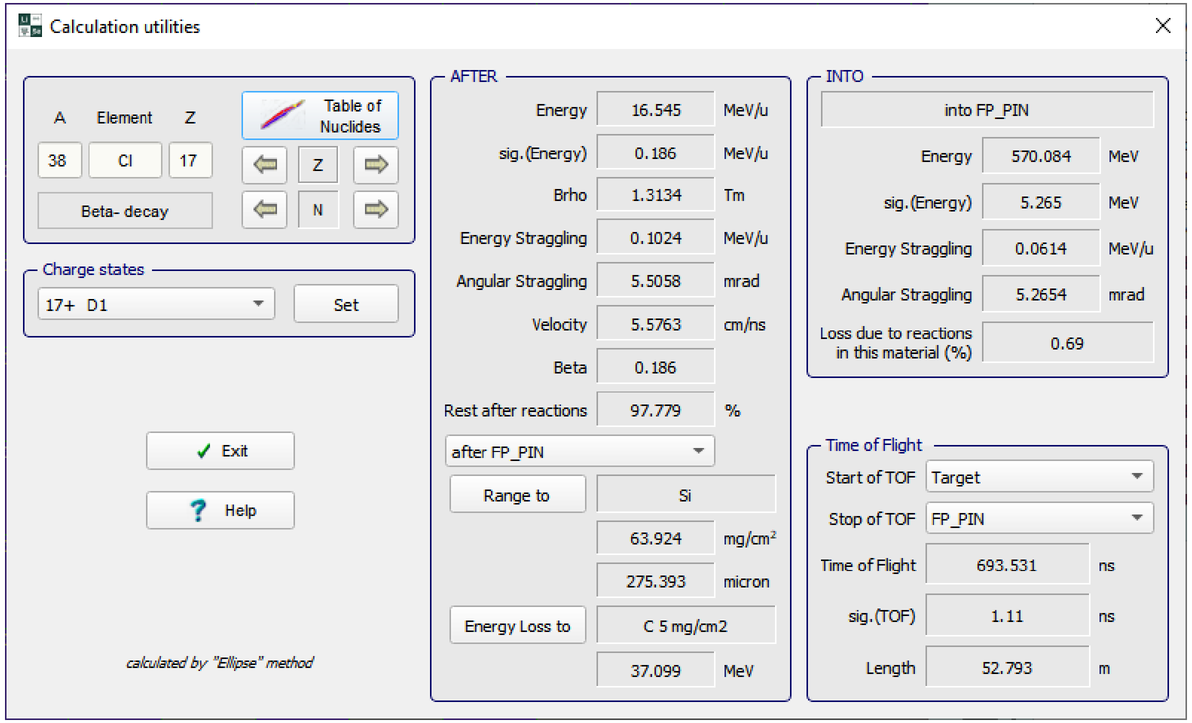
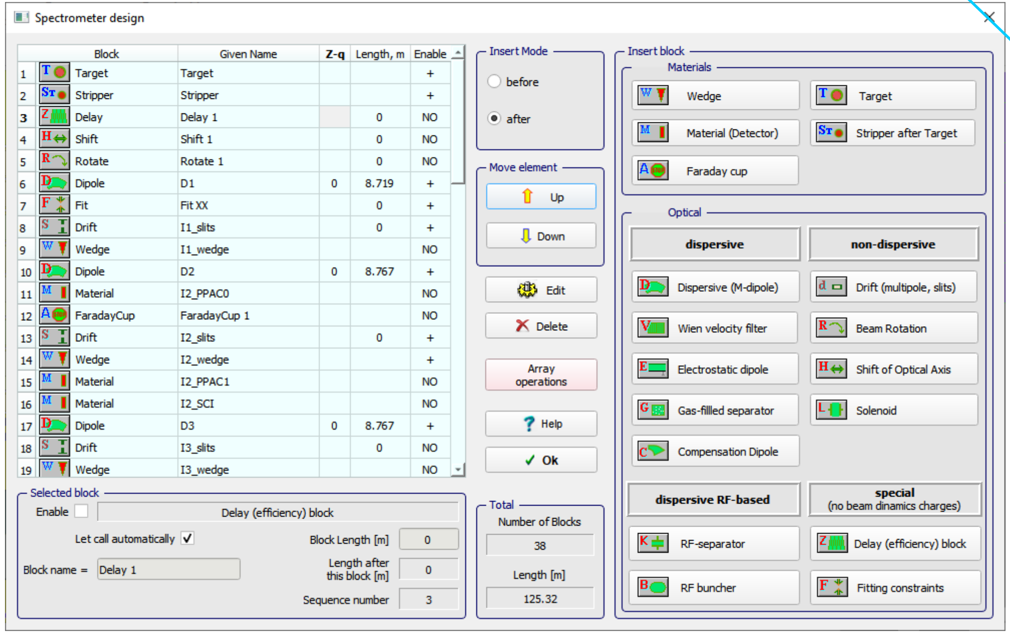
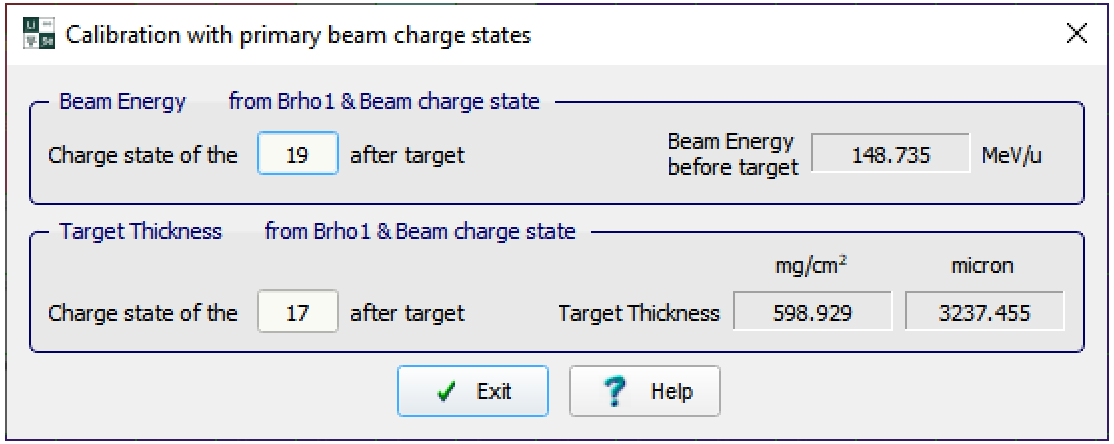
LISE cute status 05/08-05/14

//---
// 14.4.4 05/08/20
// * Goodies dialog: DONE!
// * d_Calibration dialog : DONE!
// * d_Setup (spectrometer design) : redesign 95%, connection 30%

// old LISE win-help has been ported to pdf and word files
// these files should be edited and used later for links from dialogs
// http://lise.nscl.msu.edu/doc/help/LISE.docx
// http://lise.nscl.msu.edu/doc/help/LISE.pdf







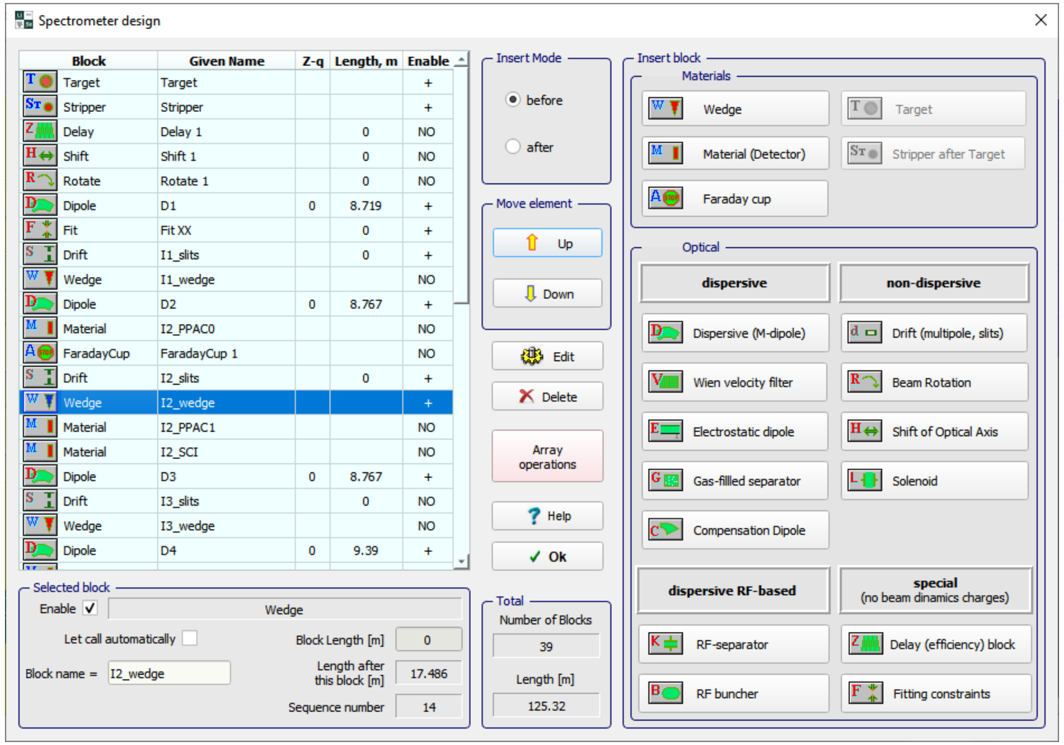
LISE cute status 05/09

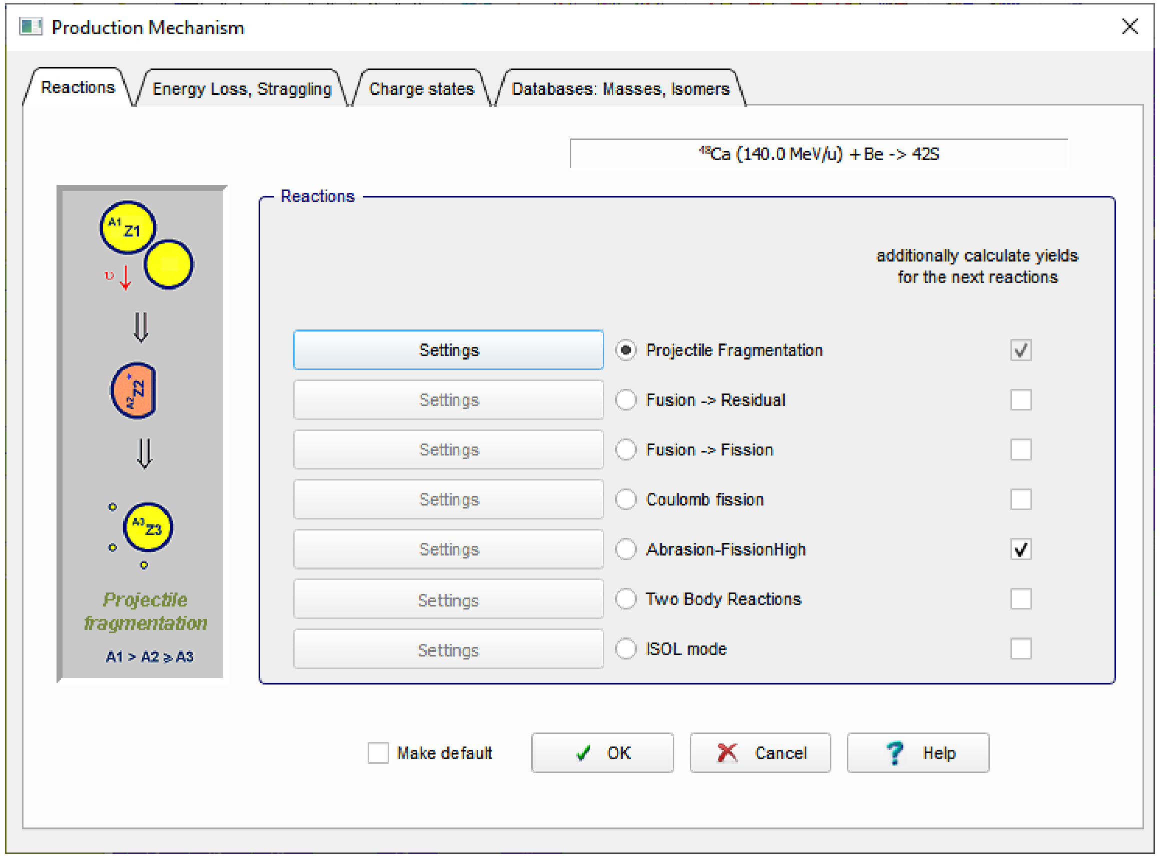
//---

// 14.4.5 05/09/20

// * d_Setup (spectrometer design) : redesign 100%, connection 75%

// * d_Mechanism : redesign 80%, connection 20%





LISE cute status 05/10

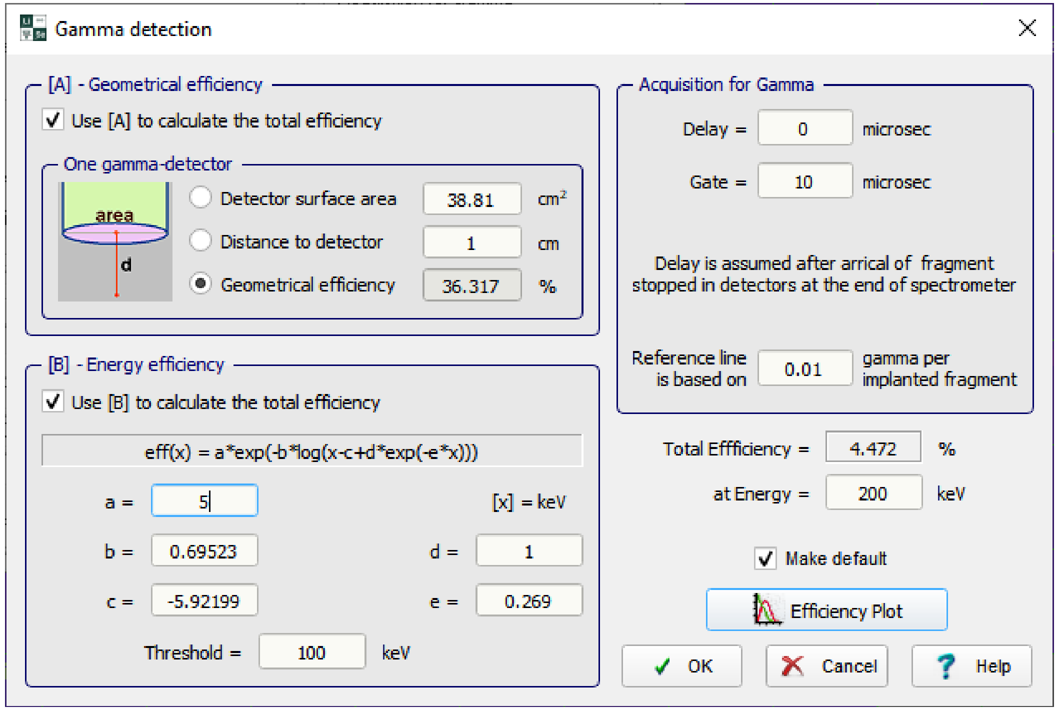
//---

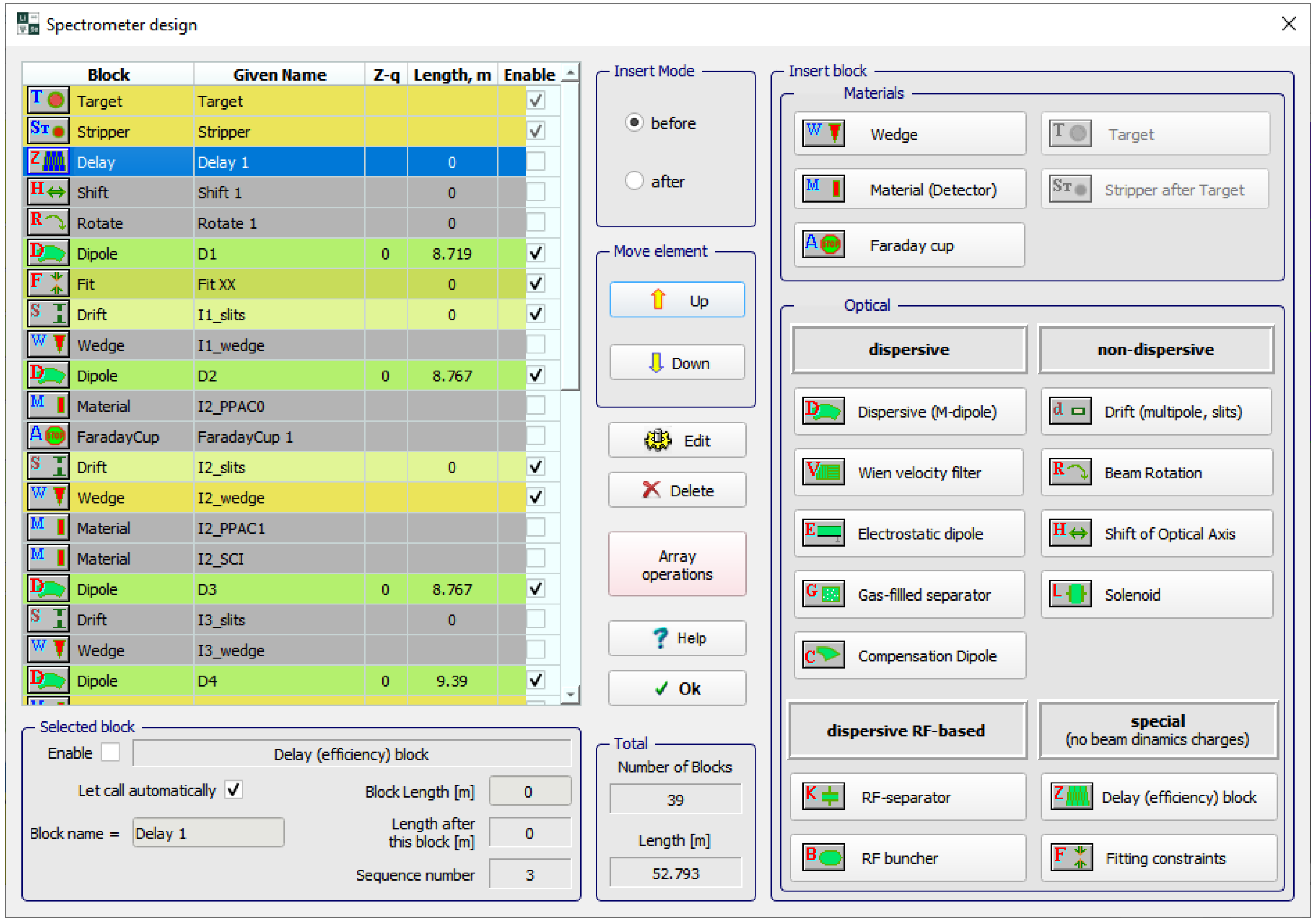
// 14.4.6 05/10/20

// * d_Setup (spectrometer design) : DONE!

// * d_Setup_array : redesign 100%, connection 50%

// * d_Gamma_detection : DONE!



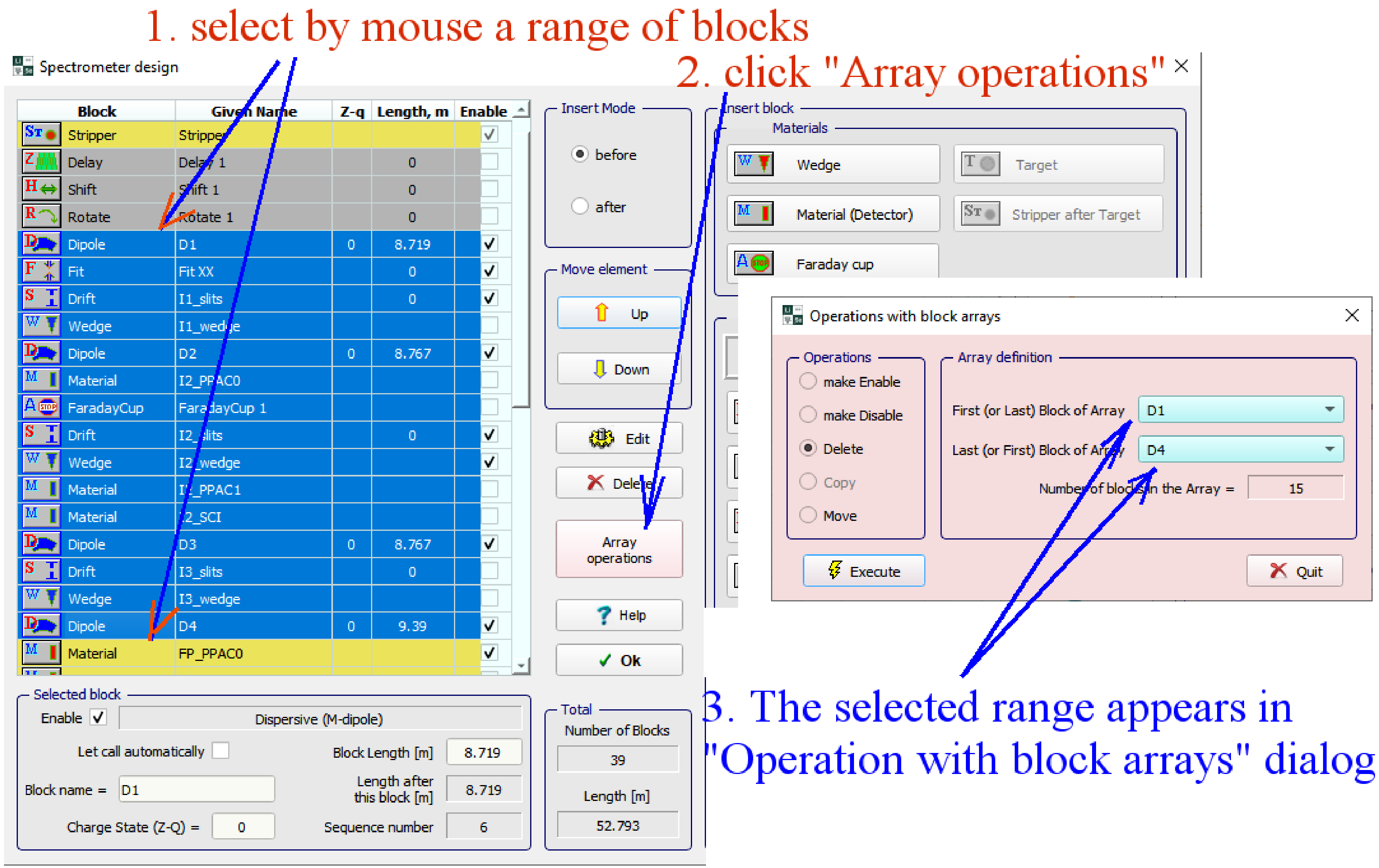


//---

// 14.4.7 05/11/20

// * d_Setup_array : DONE!

// * d_Setup_charge : redesign 100%, connection 80%



LISE cute status 05/12

//---

// 14.4.8 05/12/20

// * d_Setup_charge : DONE!

// * d_Setup_optics : redesign 100%, connection 50%

//

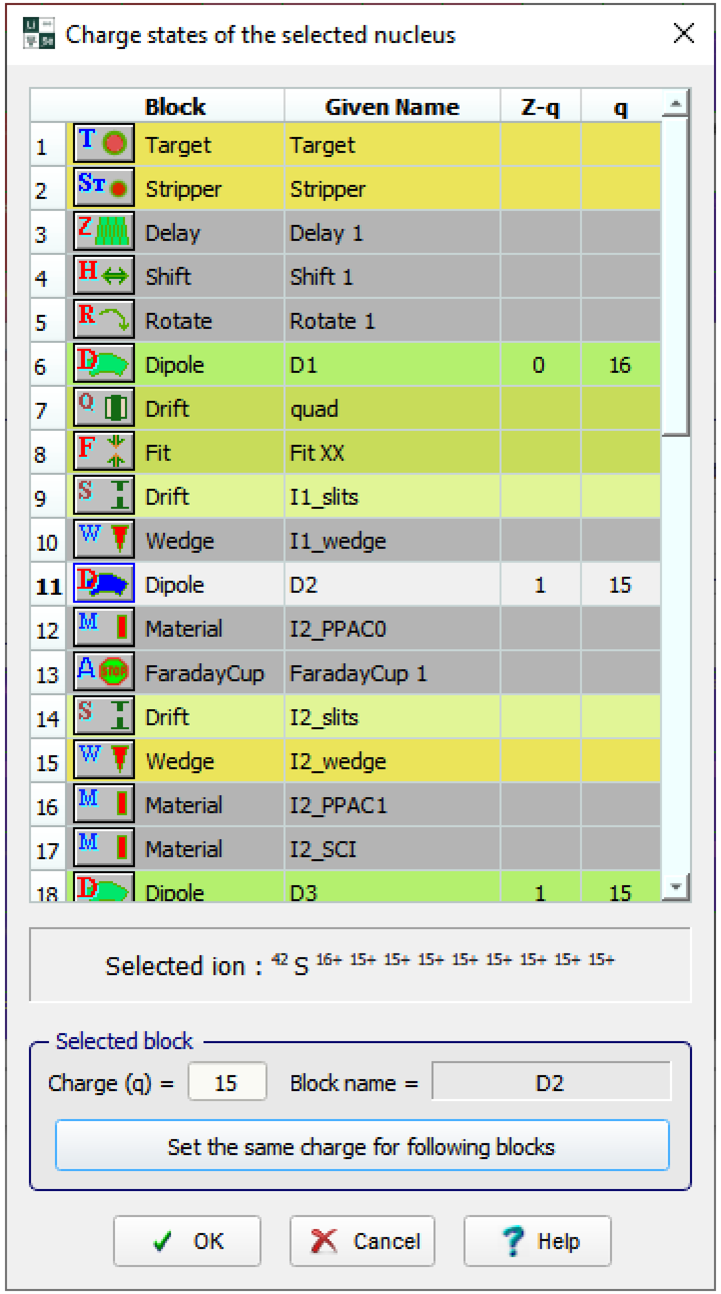
// LISE2000.docx(pdf) was completed

// All LISE2000 rtf, html, word, pdf (including original) are located at

https://1drv.ms/u/s!Aj8_a9I2zt5kiv98fU4QaA5jKkeMgw?e=2JMbsw

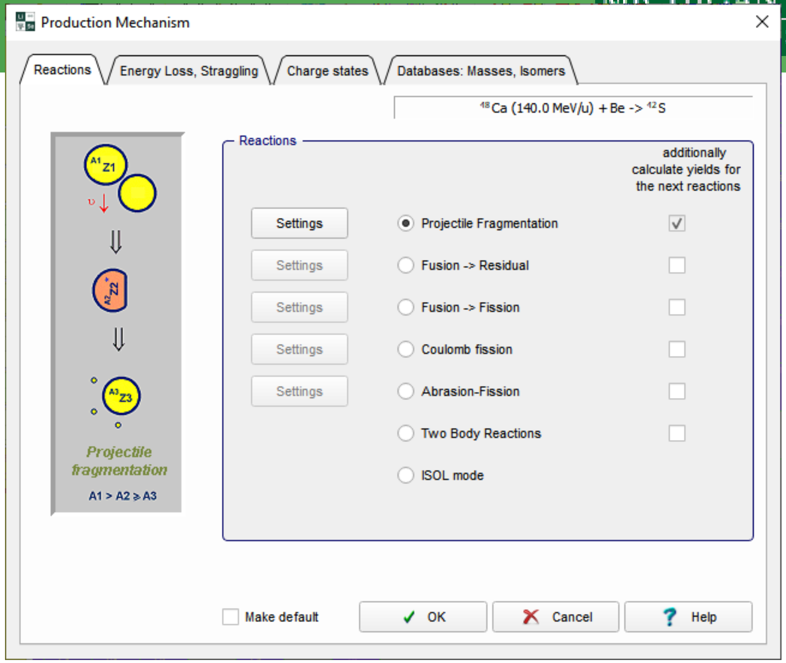
All (March-May) weekly reports are found in the next folder

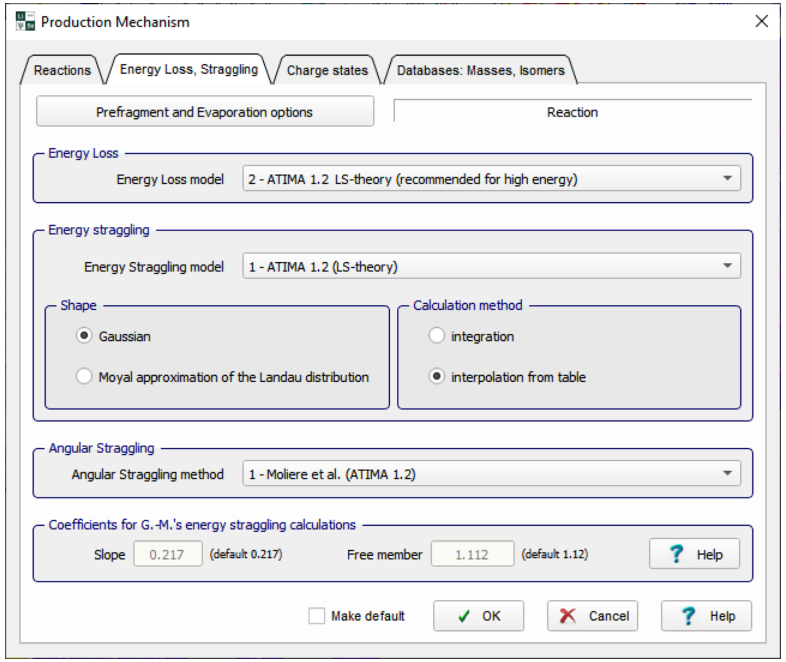
https://1drv.ms/u/s!Aj8_a9I2zt5ki4MZHA1hFrISep1R2A?e=zNhZwy

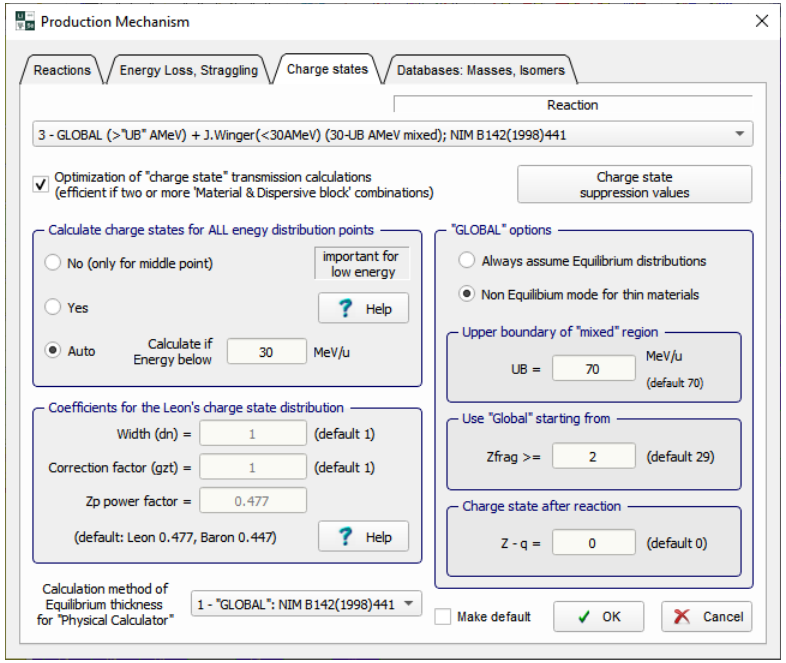


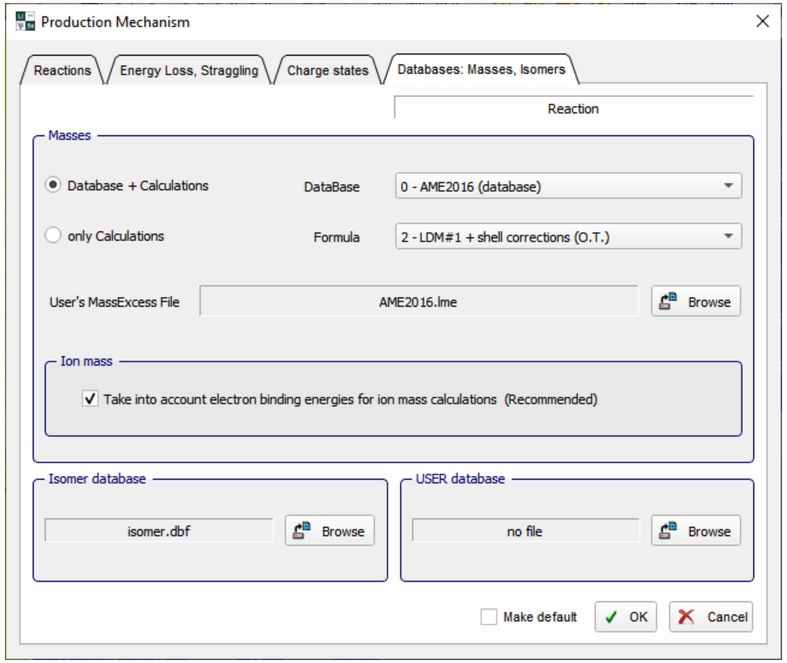
LISE cute status 05/13

//--
// 14.4.9 05/13/20
// * d_Mechanism : redesign 100%, connection 40%
// * d_Mechanism_fragmentation : redesign 60%, connection 10%
// files and file names revision in directories /d_Database and /d_Mechanism









LISE cute status 05/14

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//--

// 14.5.1 05/14/20

// * d_Setup_optics : DONE!

// it was the last "setup dialog". The Middle version number has been increased

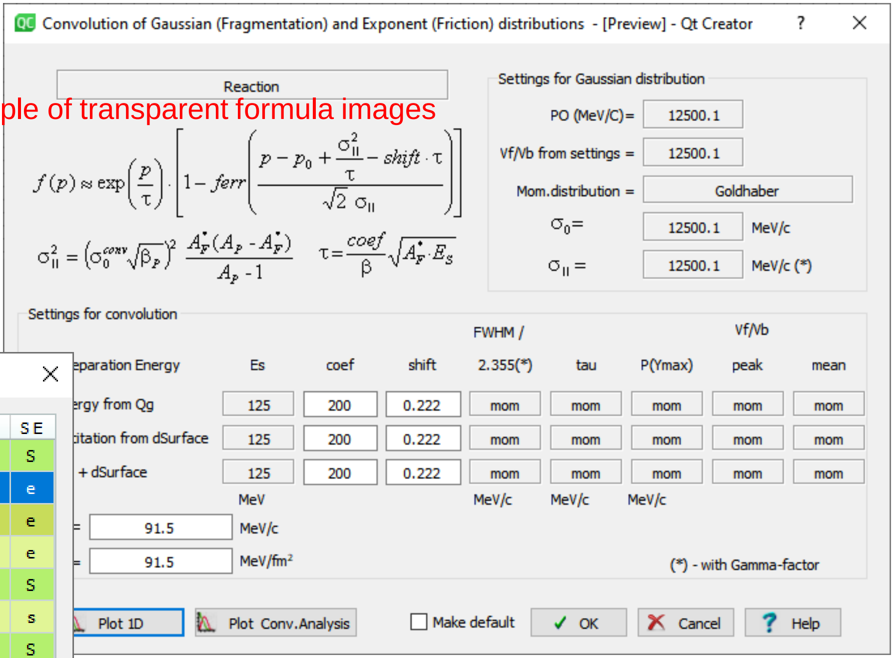
// Global revision of "formula" images in

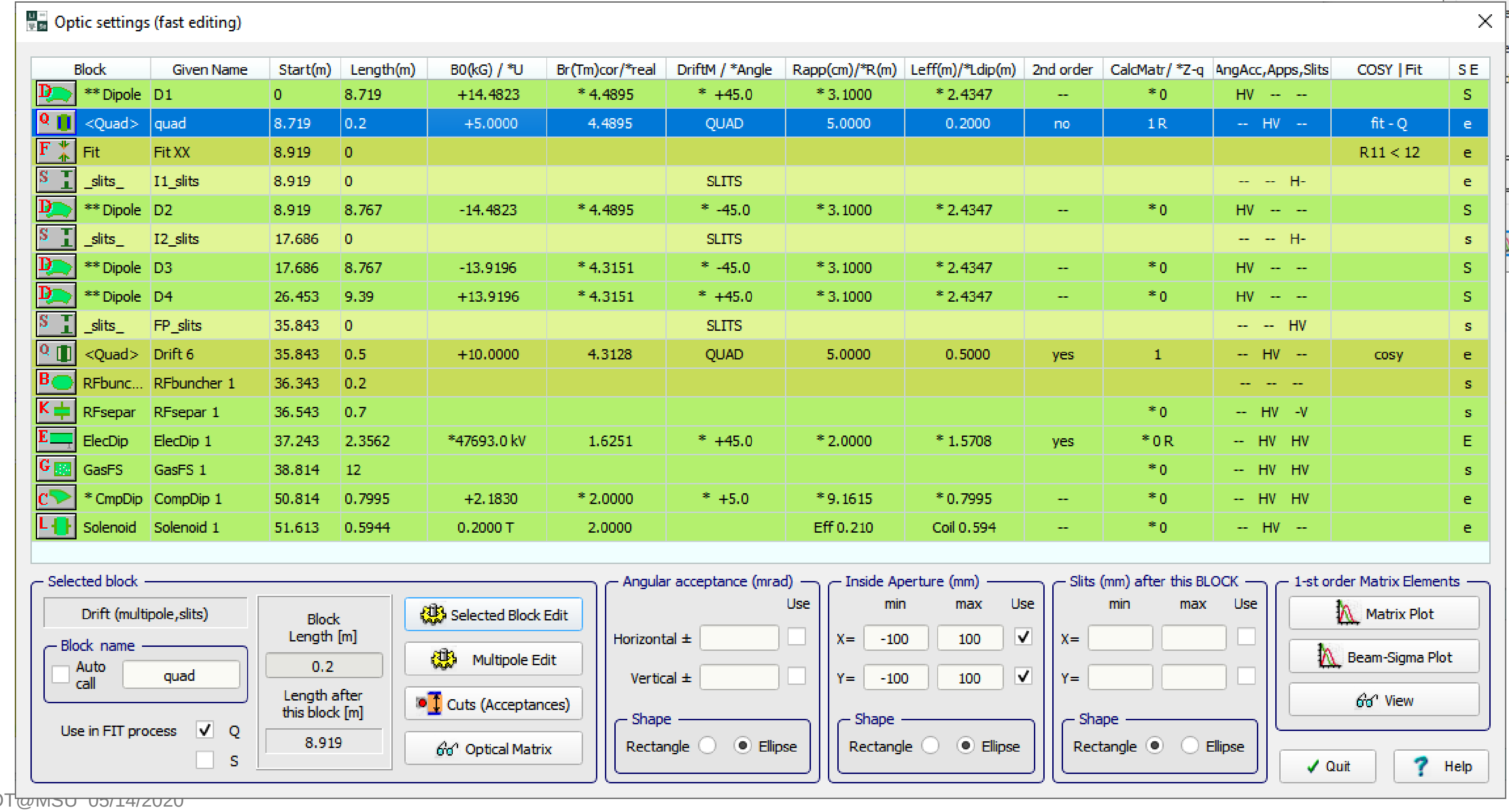
// dialogs d_Dipole_transport, d_Magnet_deal, d_Apf_auto, d_Apf_excitation, d_Foil_lifeTime

// d_Fragmentation_convolution, d_Fragmentation_friedman, d_Mechanism_fragmentation

// All these images have been made transparent

example of transparent formula images





LISE++ porting schedule

MICHIGAN STATE UNIVERSITY

				Oleg	Ksenia		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
				0.5	0.5	week	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
			time, days	1	1		16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	20-Apr	27-Apr	4-May	11-May	18-May	25-May	1-Jun	8-Jun	15-Jun	22-Jun	29-Jun	6-Jul	13-Jul	20-Jul	27-Jul	3-Aug	10-Aug	17-Aug	24-Aug	31-Aug	7-Sep	14-Sep	21-Sep	28-Sep	5-Oct
SetupPanel	Layout, Timer		5	5	0					0.2							0.5							0.5												
	Redraw		1	1	0																															
	Rectangle		1.5	1.5	0																															
1.5 1.5 0	1.2	0.3	0																																	
Blocks edit	7 dispersive		10	2.5	7.5						1	0.5	0.5																							
		Optics matrix	14.5	14.5	0					0.4	1	1	0.5																							
	5 non-disp		7.5	0	7.5							0.5	1																							
	5 materials		14	4	10			1	0.8	1																										
		curved profile	10	5	5			1	1																											
11.2 5.2 6	11.2	-2E-15	0																																	
Configuration dialogs	Setup	+connection	5	1	4									1	1																					
	SetupQ		4.5	1	3.5									1	1																					
	Charge		3	0.5	2.5																															
2.5 0.5 2	4	-1.5	0																																	
Reaction mechanism dialogs	re-design		6	1	5											1																				
	connection internal		10	3	7											0.5	1																			
	connection external		2	2	0													0.5	1																	
		property dlg	12	4	8													1	1	1																
6 2 4	7	-1	0																																	
Options dialogs	Options		2.5	1	1.5																1	1														
	Plots, ...		5	1.5	3.5															0.5																
1.5 0.5 1	2.5	-1	0																																	
Plots	....		30	20	10																							1	1							
6 4 2	6		0																									1	1				1	1		
Calculators			25	5	20																			1	1	1	1									
5 1 4	5		0																					0.5	0.5											
Dynamical menu			2.5	2.5	0																															
0.5 0.5 0	0.5		0																																	
Monte Carlo calculations			25	15	10																									1	1					
5 3 2	5		0																											1	1	1				
Utilities			42.5	7.5	35																											1	1	1	1	1
8.5 1.5 7	8.5		0																																	
Read/Write	Files		1	1	0																															
	Options		1	1	0							0.1					0.5	0.4																		
Restore/Document LISE structure	initialization/closing		5	5	0																															
	rerdaw, cleaning		2.5	2.5	0					0.2							0.5																		0.5	
1.5 1.5 0	1.2	0.3	0																																	
Windows	ShowLIST		1	1	0					0.2																										
	ShowBMP		1.5	1.5	0															0.5																
0.5 0.5 0	0.7	-0.2	0																																	
Tune separator	Update		2.5	2.5	0				0.2									0.5																		
0.5 0.5 0	0.7	-0.2	0																																	
Transmission calculation	trans one		5	5	0											0.5	0.2											1								
	trans area		1.5	1.5	0																															
	secondary reactions		1	1	0																															
1.5 1.5 0	1.7	-0.2	0																																	
Table of Nuclides	sizes		4	4	0																															
	trans cells		1	1	0																				0.5	0.5										1
2 2 0	2		0																																	
Satelites	Connection		2	2	0																															
	Spectrometer scheme		2.5	2.5	0												0.8																		0.5	
	SmTableOfNuclides		2	2	0																															
	StatusBar		1	1	0																															
1.5 1.5 0	1.3	0.2	0																																	
Creaton of multiplatform versions		OT,DB	10		10																															
Installation of multiplatform versions		TZ,MK	10		10																															
4 0 4	4																																			
ATIMA 1.4																																				
Vacation			30	15	15																		1													
6 3 3	4	2																			1	1	1													
		total	331	156	175			2	2	2	2	2.1	2	2	2	2	3.5	2.4	2	2	2	2	2	2	2	1.5	1	3	2	2	2	2	2	2	2	

- Currently ahead of this schedule.
- Some reaction mechanism dialogues were already re-designed and partially connected.
- Several utilities dialogs from the have already been completed.
- Not yet in the plan: LISE++ package utilities (GLOBAL, Charge, and others) should be transferred to libraries, as was done in the Borland version before

Next week

1. Reaction mechanism dialogs and transmission calculations
2. This porting schedule will be *finally* revised