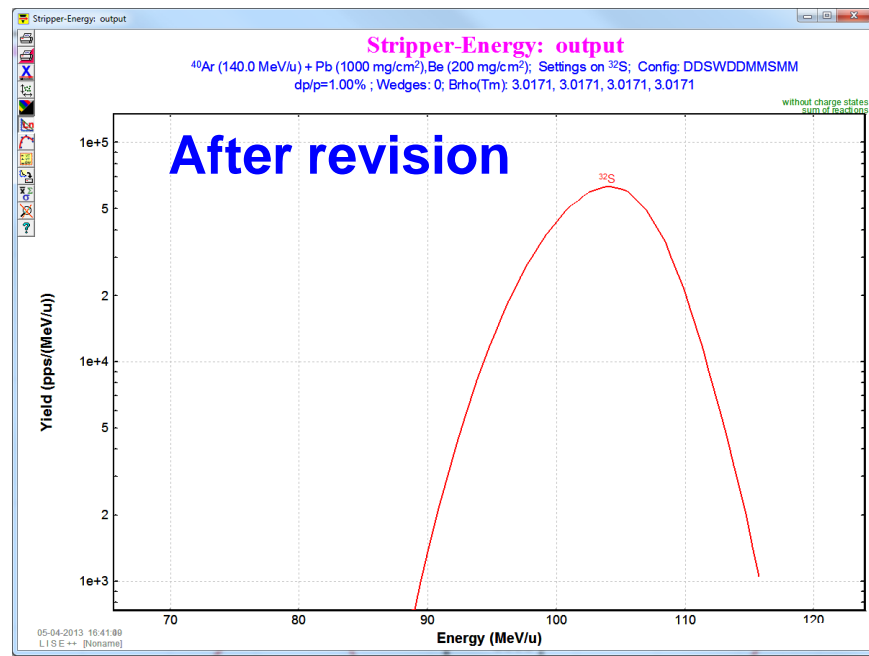
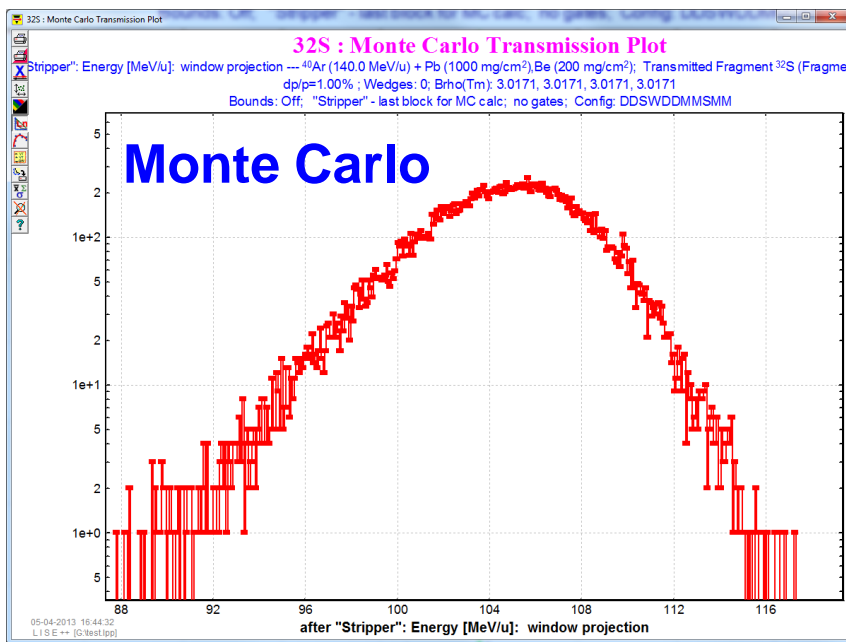
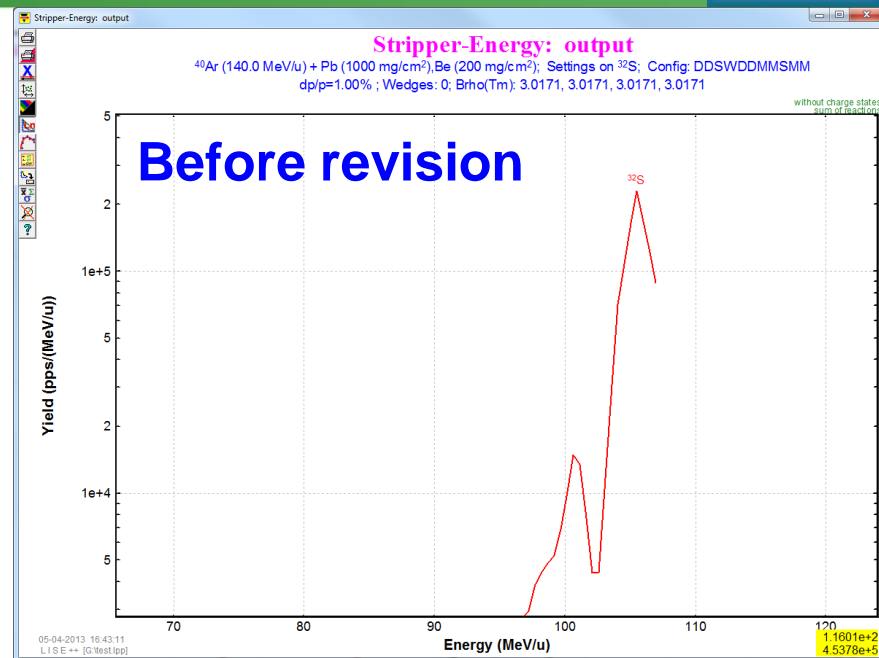


- **Versions log**
- **Fixed: Bug in Convolution model & thick stripper**
- **Fixed: Bug in the passing material subroutine @ MC mode**
- **Update : Help links in dialogs**
- **GANIL: SISSI-D6 configuration update**

```
// 9.5.1 03/06/13 for DBF-file reserve dME for dT12, help for fission_barrier
// 9.5.2 03/06/13 "ys" time in T1/2 dbf - yoctosecond 10^-24
// 9.5.3 03/06/13 new database (d T1/2)
// 9.5.4 03/06/13 modification for dME field 15. everywhere 16
// 9.5.5 03/06/13 decreased threshold down log to 1e-25 in 2d =25 plots
// 9.5.6 03/09/13 modification for dME field 15 for 16 @ double GetFromDatabase(Celement *Ct, int index, double &error){ //for W_Graph
// 9.5.7 03/21/13 misspelling of "capture" word in the Fusion-information window
// 9.6.8 03/21/13 becomes 9.6
// 9.6.9 03/22/13 fix for thick stripper in the case Projectile Fragmentation and UP
// 9.6.10 03/25/13 links for lise pdf : rotate, edipole, gns, delay blocks
// 9.6.11 03/25/13 T1/2 error in Database dialog
// 9.6.12 03/25/13 T1/2 error in W_ShowCalc
// 9.6.13 03/25/13 T1/2 error in for 1d-plot
// 9.6.14 03/26/13 SISSI-LISE configuration and example file
// 9.6.15 03/26/13 fix for graph text --- long string of charge state caused crash.
// 9.6.16 04/02/13 update of discovery.iso file
// 9.6.17 04/03/13 fix: serious bug in passing material for MC
// 9.6.18 04/04/13 Help Links for dialogs
```

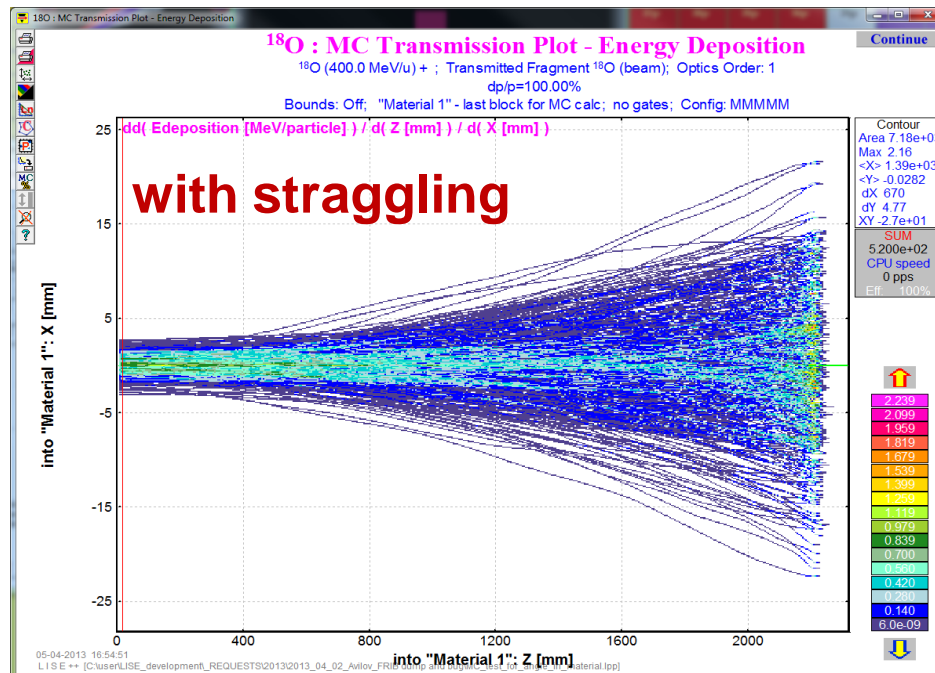
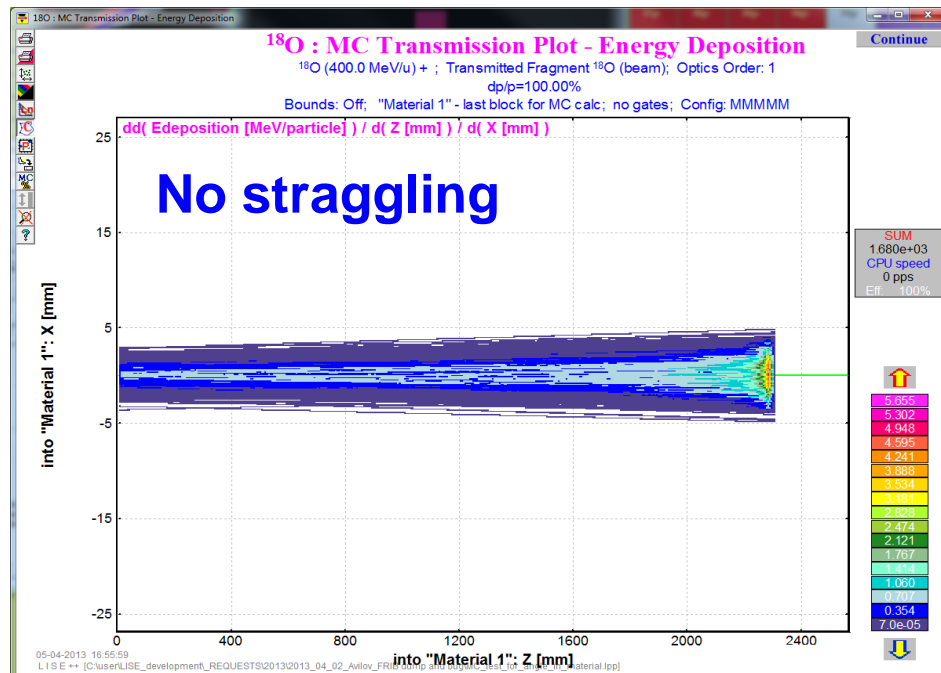
# Fixed: Bug in Convolution model & thick stripper

<b>P</b> rojectile	$40\text{Ar}^{18+}$
	140 MeV/u 1 pA
<b>F</b> ragment	$32\text{S}^{16+}$
<b>T</b> arget	Pb 1000 mg/cm <sup>2</sup>
<b>Str</b> ipper	Be 200 mg/cm <sup>2</sup>



After revision

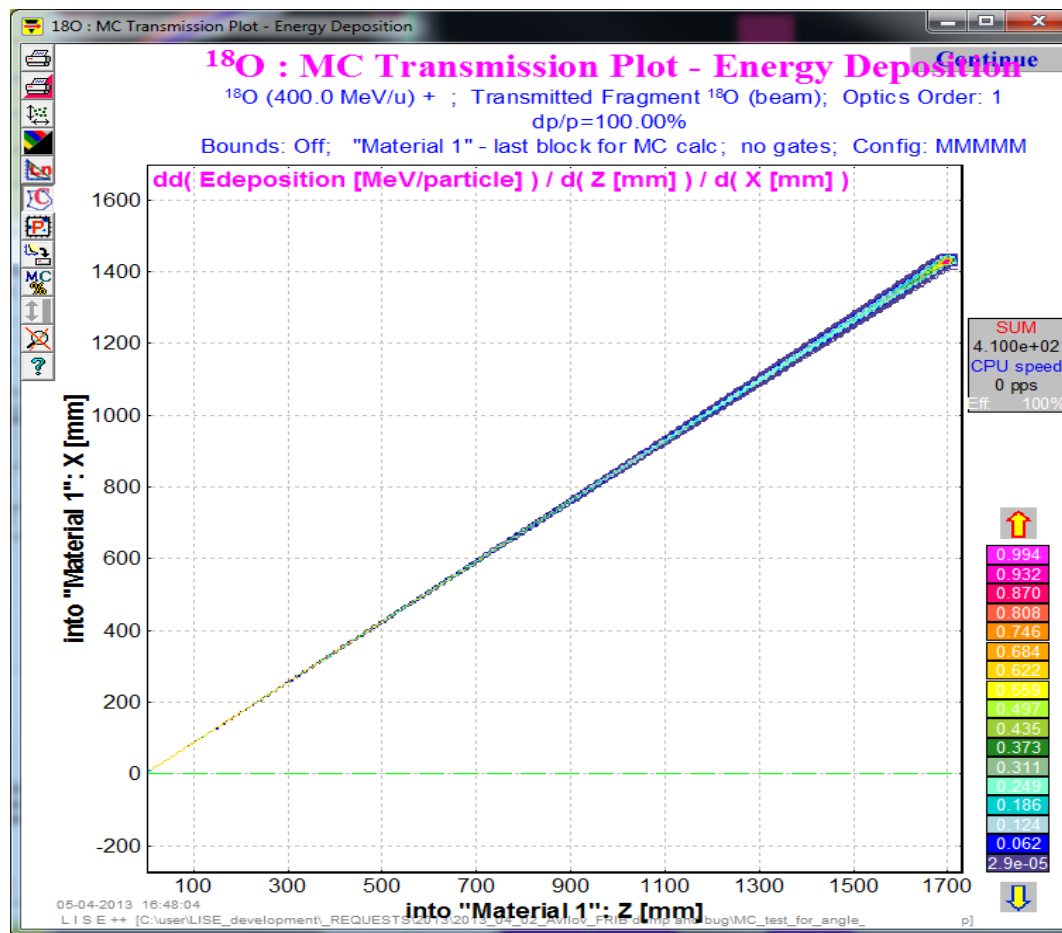
Beam energy	Emittance
Energy: 400 MeV/u	1. X mm: 1 Gaussian
TKE: 7199.66 MeV	2. T mrad: 1 Rectangle uniform
Brho: 7.1402 Tm	3. Y mm: 1 Gaussian
P: 17.125 GeV/c	4. P mrad: 1 Gaussian
U: 9e+5 KV	5. L mm: 0 Gaussian
	6. D %: 0.01 Gaussian



After revision

Beam configuration window showing parameters for Energy, Emittance, and Beam intensity. The Emittance section is highlighted with a red box, showing parameters for dX, dT, dY, dP, dT, and dP in mm and degrees.

Parameter	Value	Unit
dX	0	mm
dT	700	mrad
dY	0	mm
dP	0	mrad
dT	40.11	degrees
dP	0	degrees



After revision

Beam

A	Element	q+
18	O	8
Z		
Stable		
Table of Nuclides		
← Z →		
← N →		
Ok		
Cancel		

Beam energy

Energy	400	MeV/u
TKE	7199.66	MeV
Brho	7.1402	Tm
P	17.125	GeV/c
U	9e+5	KV

Beam intensity

<input type="radio"/>	8	enA
<input checked="" type="radio"/>	1	pnA
<input type="radio"/>	6.25e+9	pps
<input type="radio"/>	0.0072	KW

Emittance

	Beam CARD (sigma, semi-axis, half-width, ...)	1D - shape (Distribution method)	2D mode	2D - shape (Monte Carlo method)	Correlated with
1. X	mm 0.01	Gaussian	<input type="checkbox"/>		
2. T	mmrad 700	Rectangle uniform	<input type="checkbox"/>		
3. Y	mm 0.01	Gaussian	<input type="checkbox"/>		
4. P	mmrad 0.01	Gaussian	<input type="checkbox"/>		
5. L	mm 0	Gaussian	<input type="checkbox"/>		
6. D	% 0.001	Gaussian	<input type="checkbox"/>		

Energy Loss in the target box [KW]

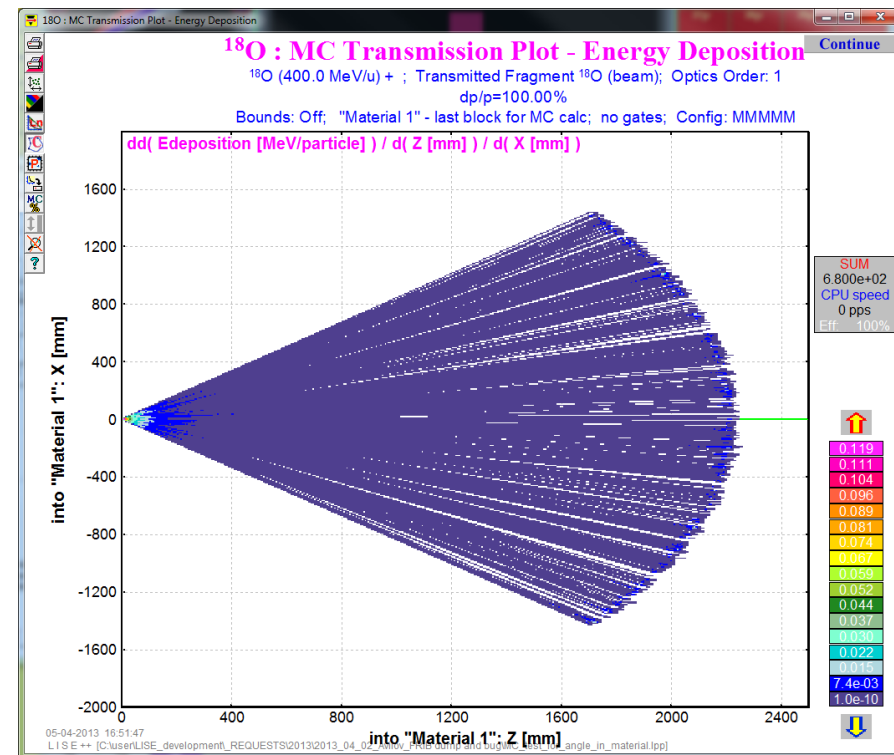
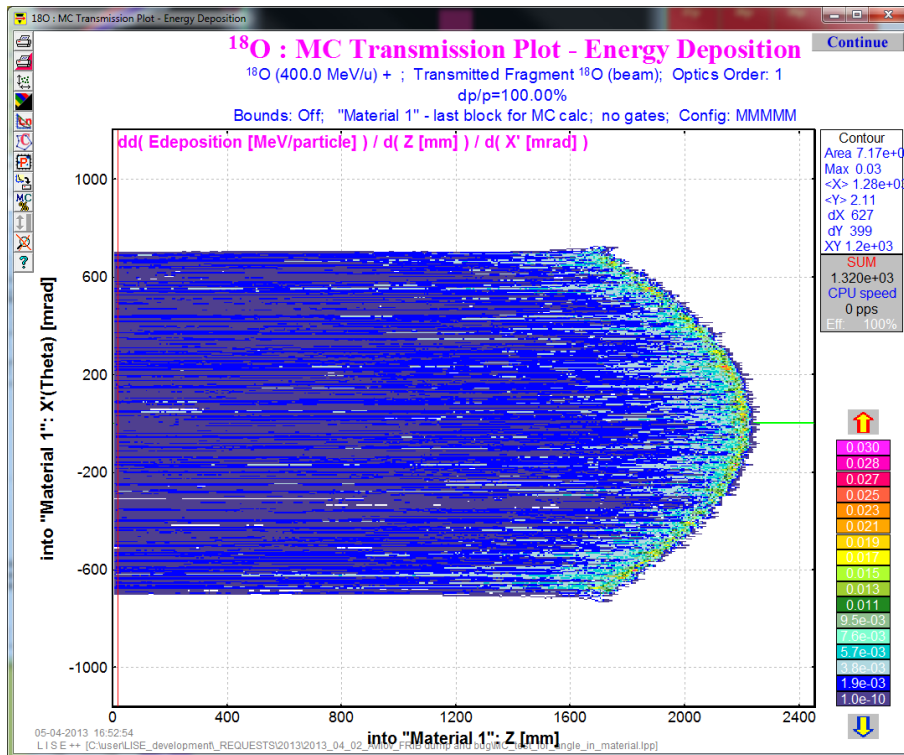
RF frequency  MHz

Bunch length  ns

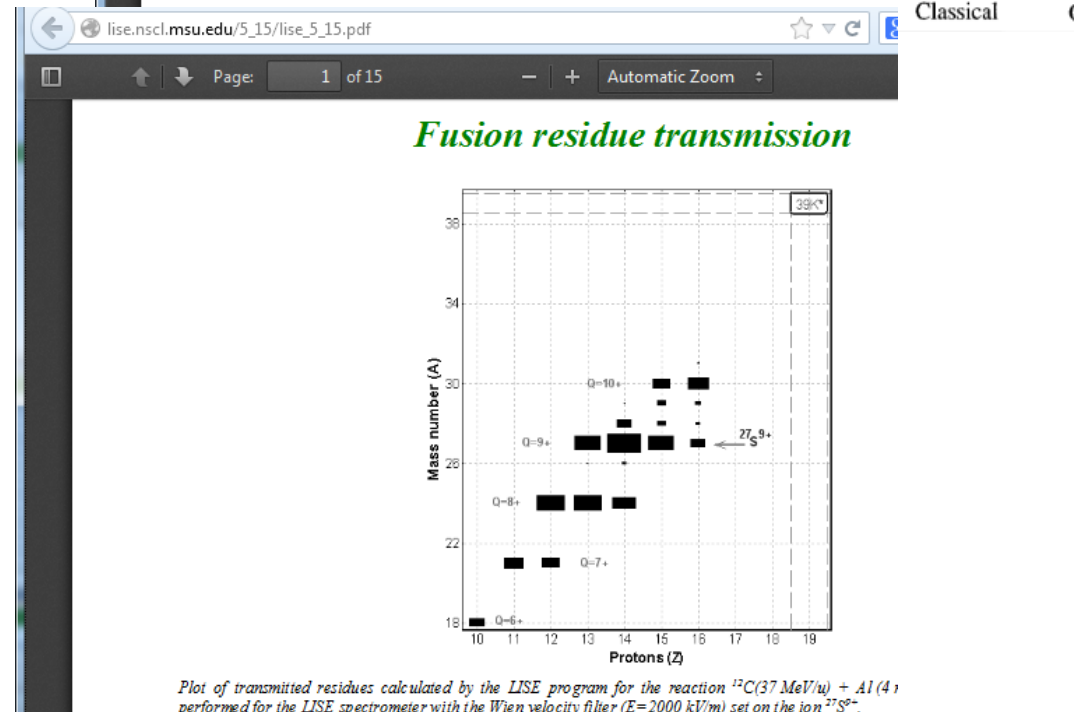
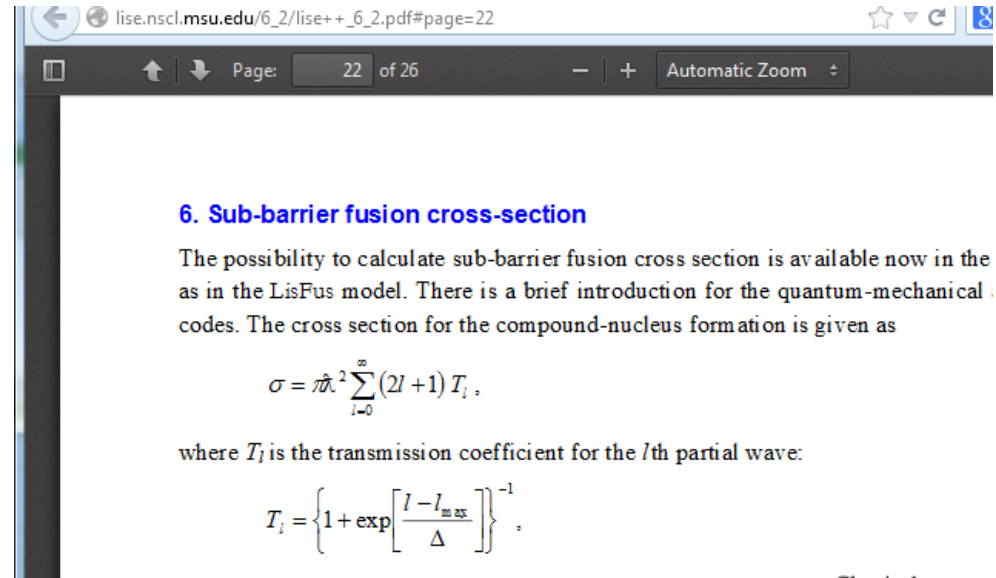
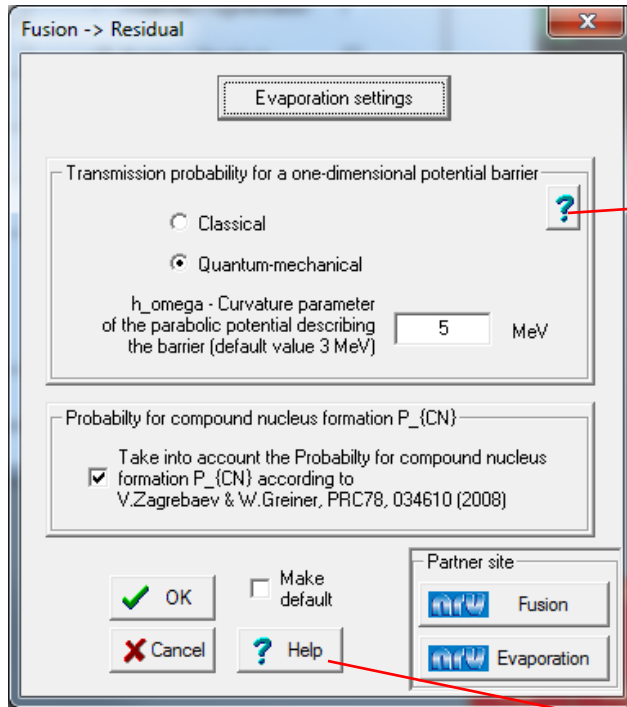
mm  cm

beam respect to spectrometer

dX	0	mm
dT	0	mmrad
dY	0	mm
dP	0	mmrad
dT	0	degrees
dP	0	degrees



## example



[http://lise.nsci.msu.edu/9\\_6/SSSI/SSSI-LISE.pdf](http://lise.nsci.msu.edu/9_6/SSSI/SSSI-LISE.pdf)

