LISE^{++} updates : versions 9.6.123 - 9.6.133

9.6.123 09/30/13

1. Transmission information window: new orders, new positions, new titles
2. Menu "1D-plot" -> "Transmission characteristics" : new parameter "#2 Total isotope transmission"
3. Using (p,n) reaction in the DifCS dialogs (TwoBody reaction)

9.6.126 10/03/13

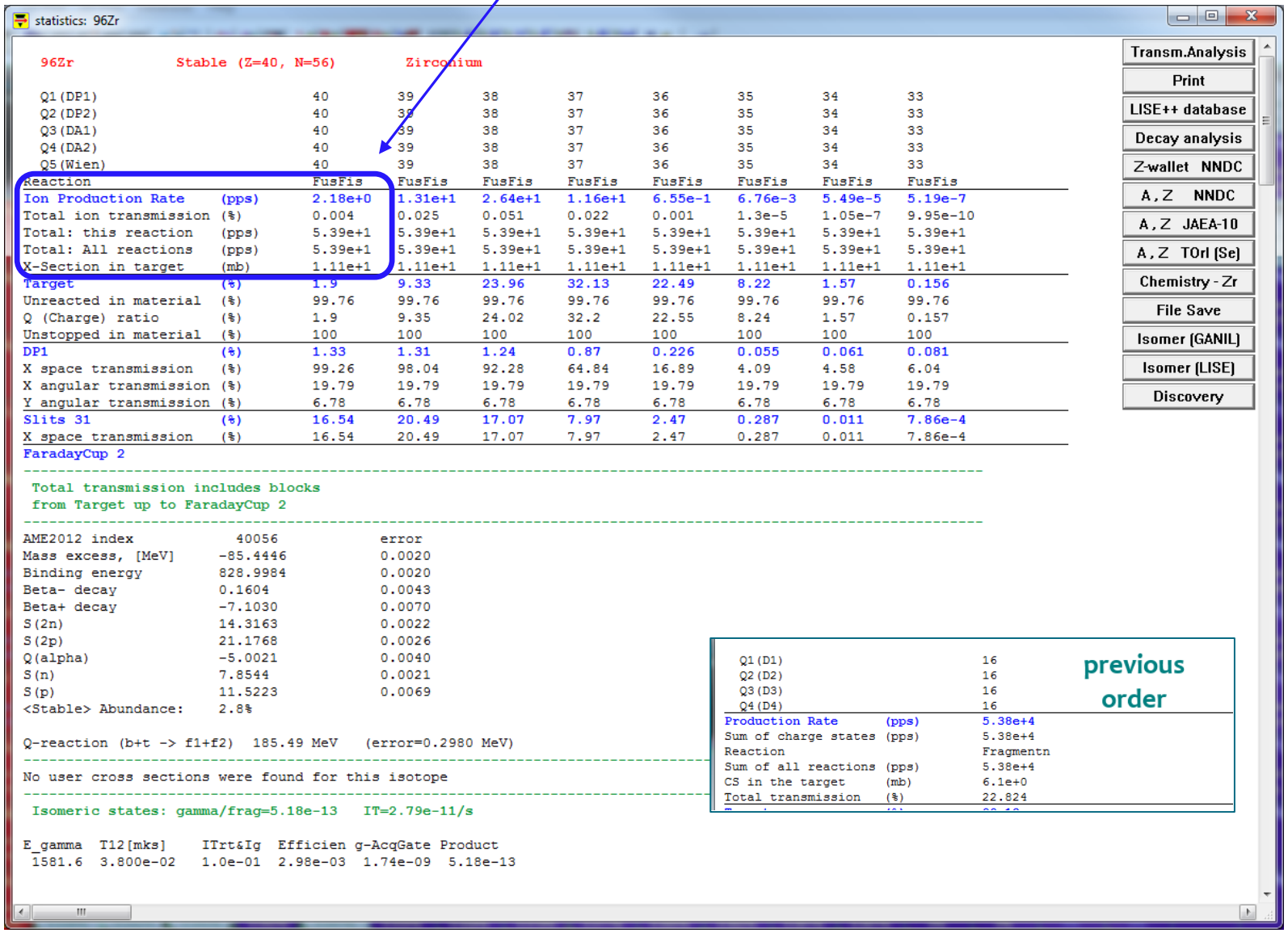
4. Correction in calculation for transmission through materials (so called "unstopped in material" coefficient). ***IMPORTANT!!!!***
5. Gas Cell utility modification
6. Correction in Monte Carlo E_{loss} and Range plots

9.6.133 10/09/13

7. Neutron and Gamma induced reactions in the Kinematic Calculator
8. Corrections in transmission subroutines: modification for large angular straggling @ very low energies
9. Corrections in transmission subroutines in the case of materials: previous **disperse** block matrices were used instead suing **any** optical block matrices

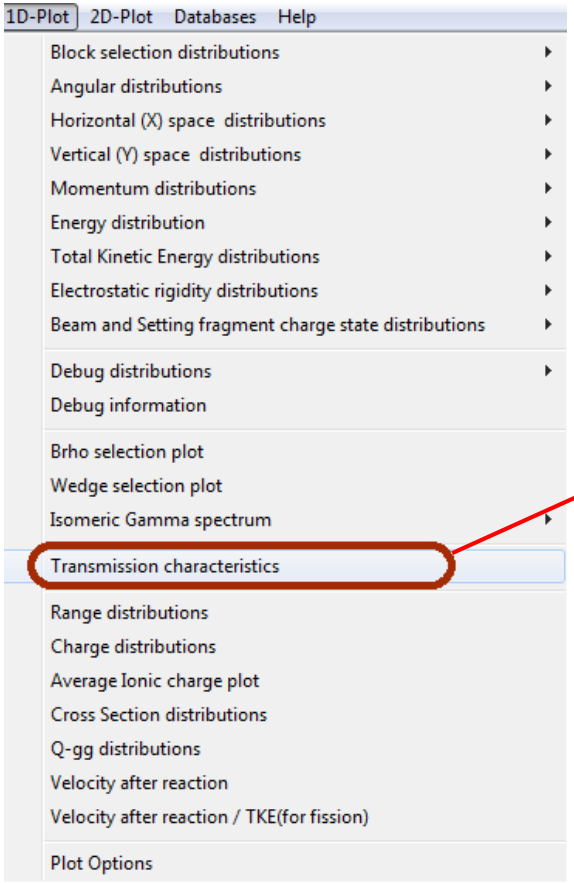
1. Modifications in the Transmission information window

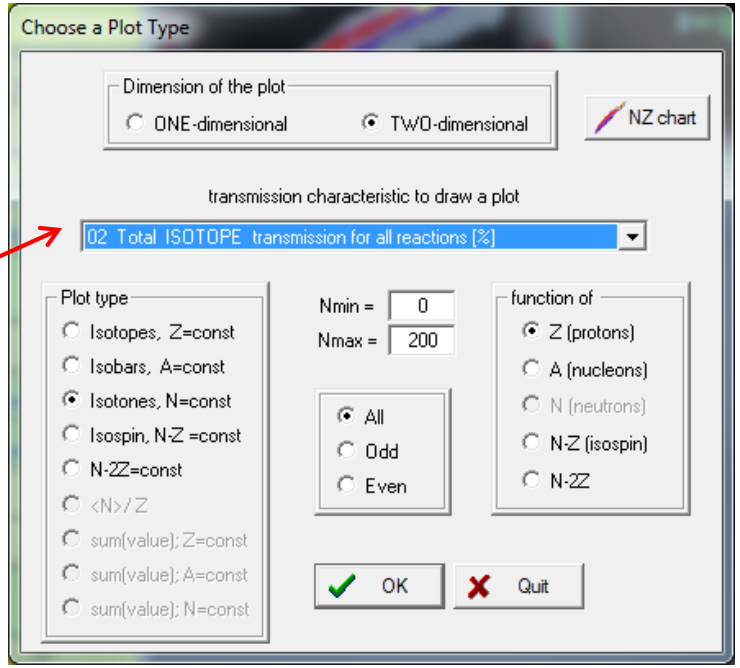
New order in the transmission window, Title modification



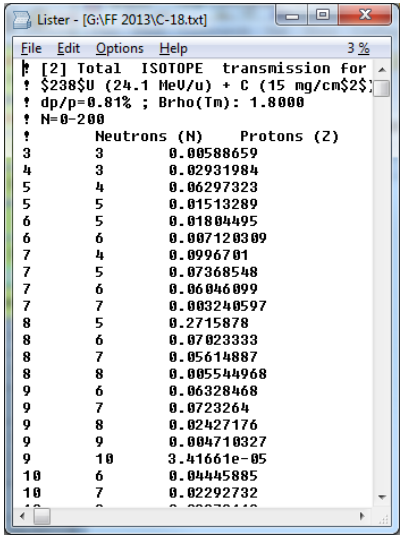
2. Total isotope transmission for all reactions

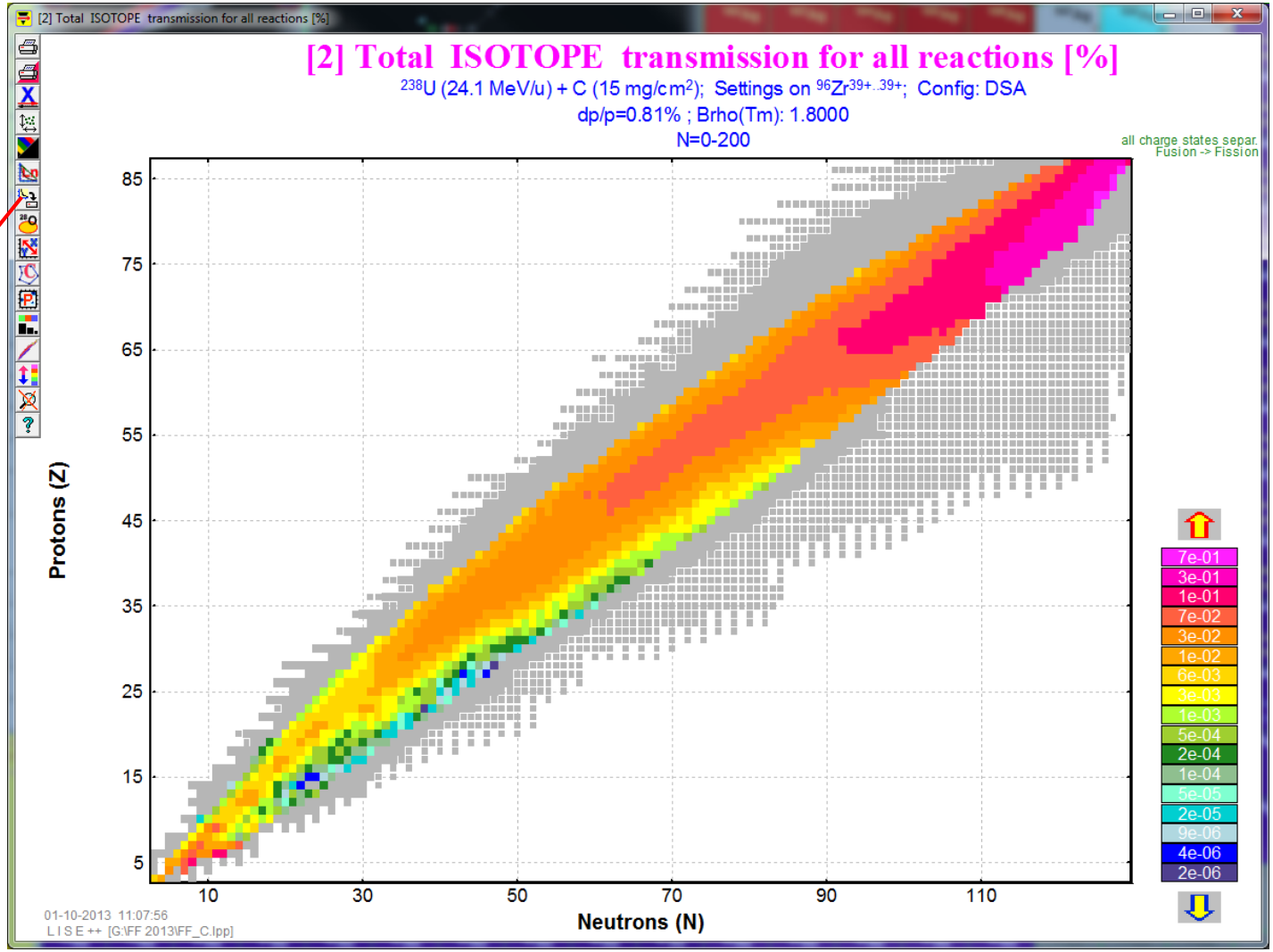
v.9.6.123
from 09/30/13





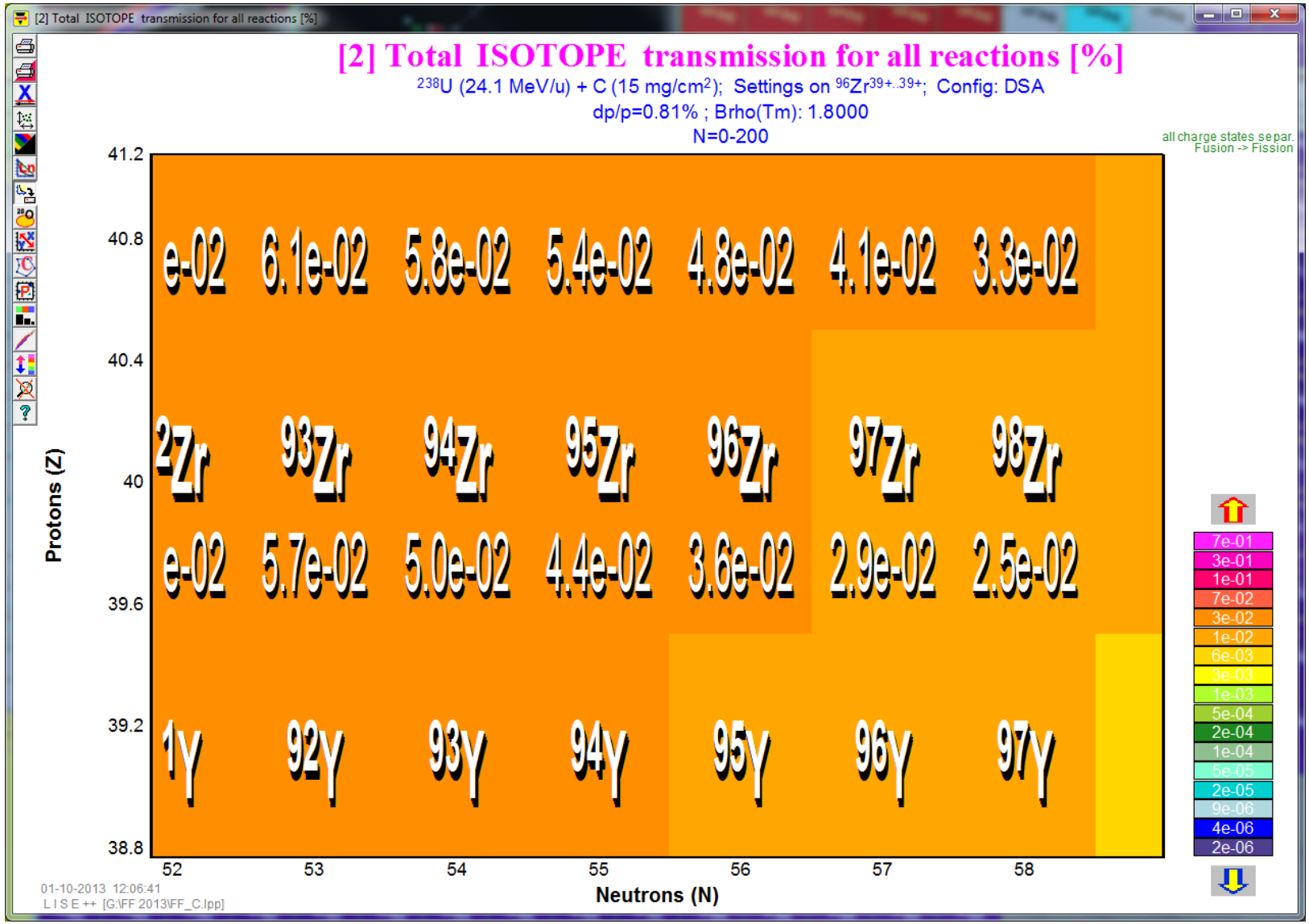
2. Total isotope transmission for all reactions





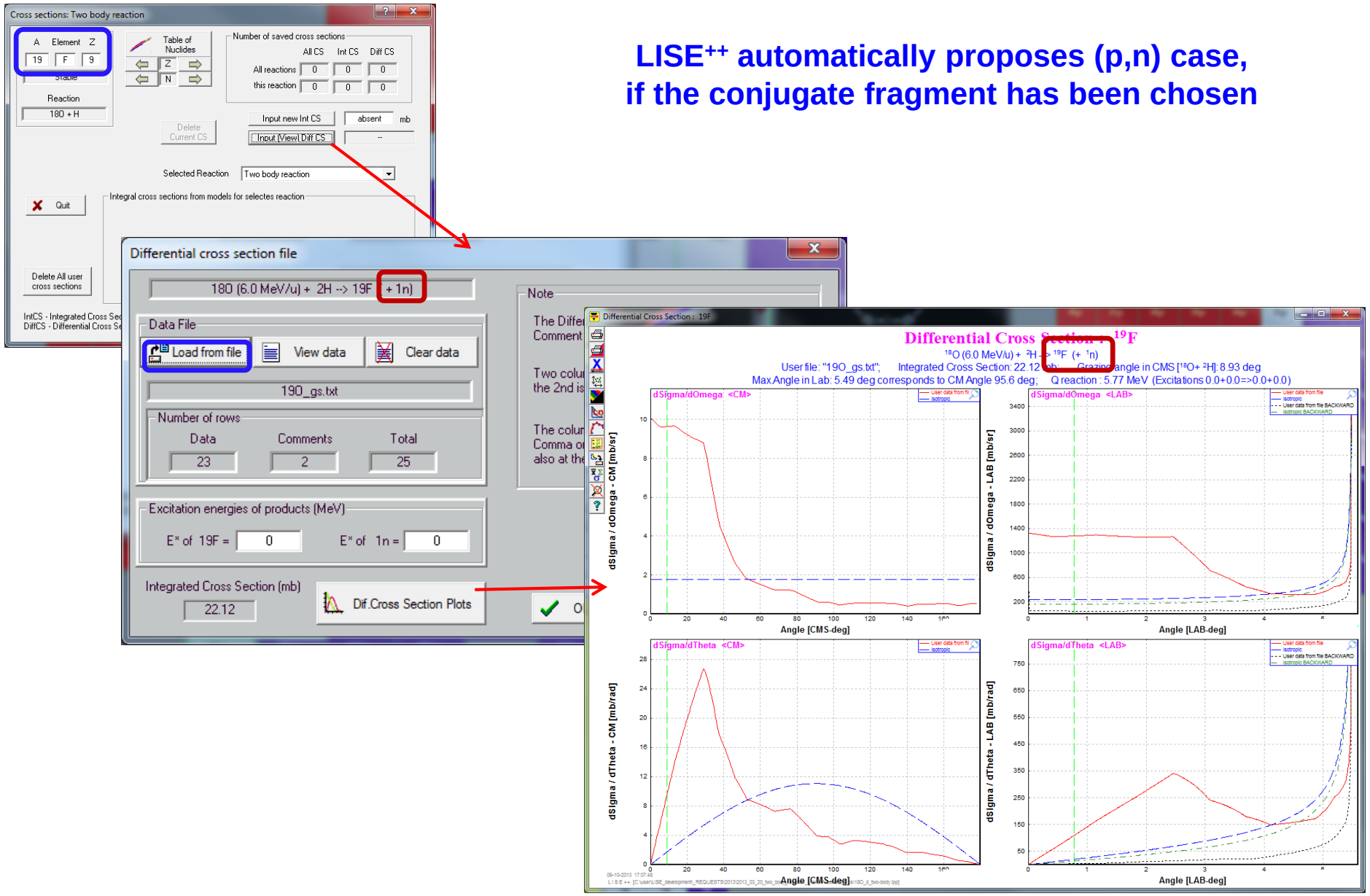
2. Total isotope transmission for all reactions

Zoom of the previous plot

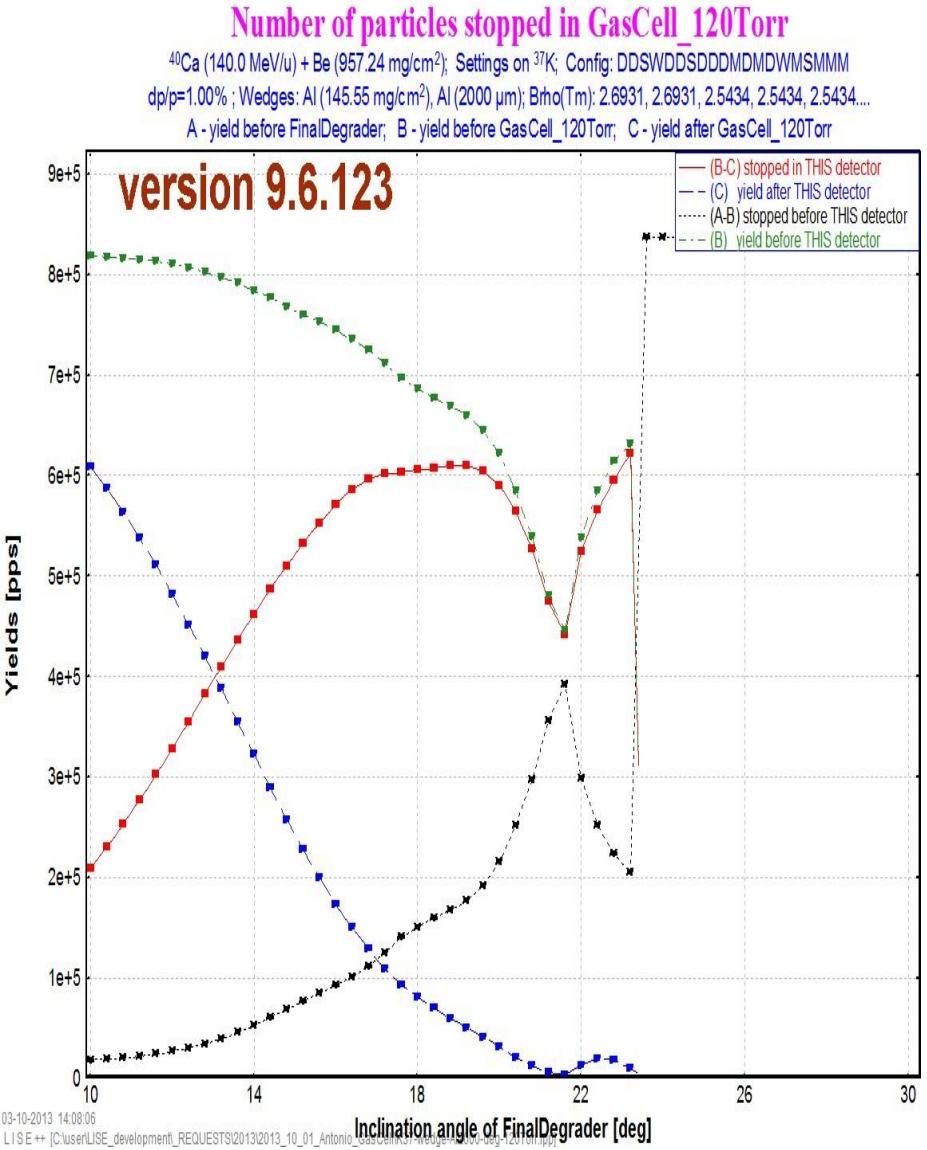


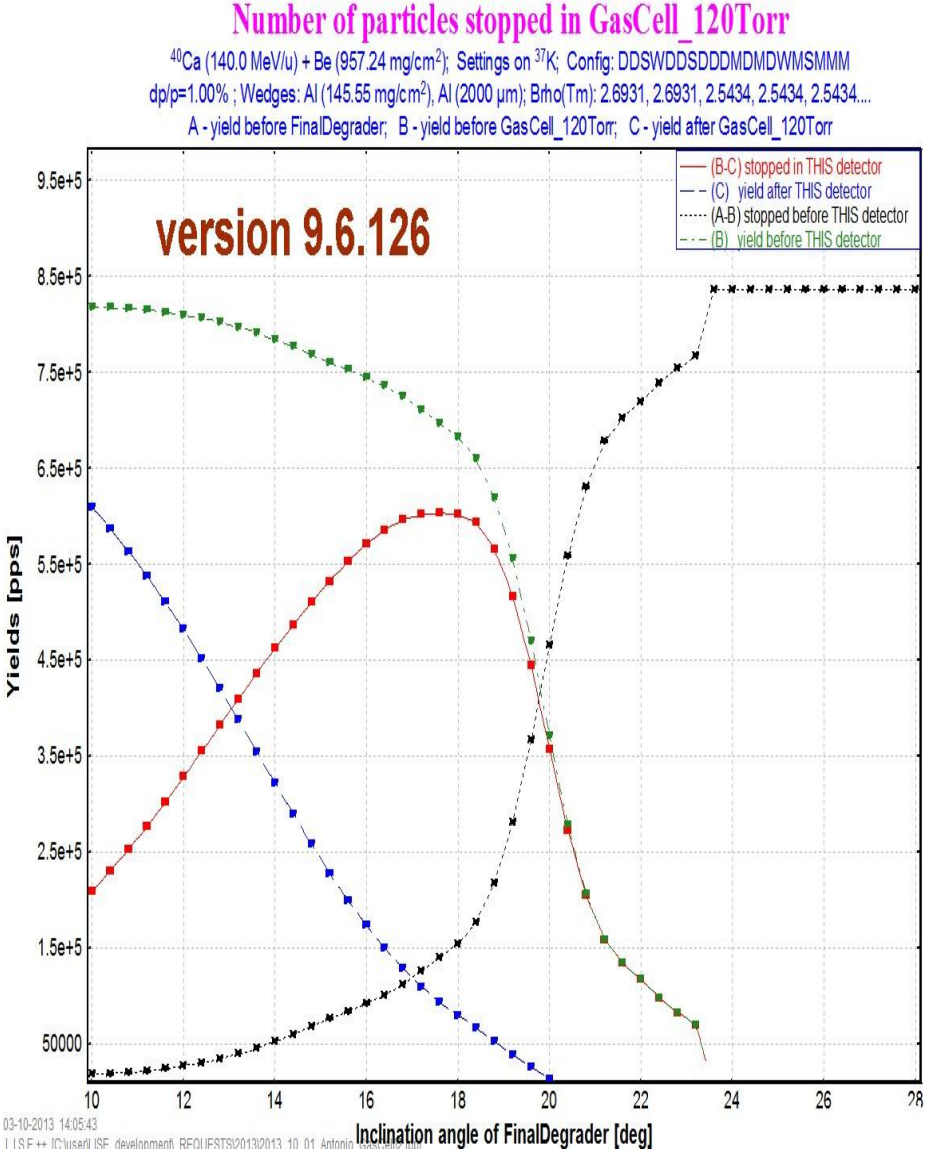
3. Using (p,n) reaction in the DifCS dialogs (TwoBody reaction)

LISE++ automatically proposes (p,n) case, if the conjugate fragment has been chosen

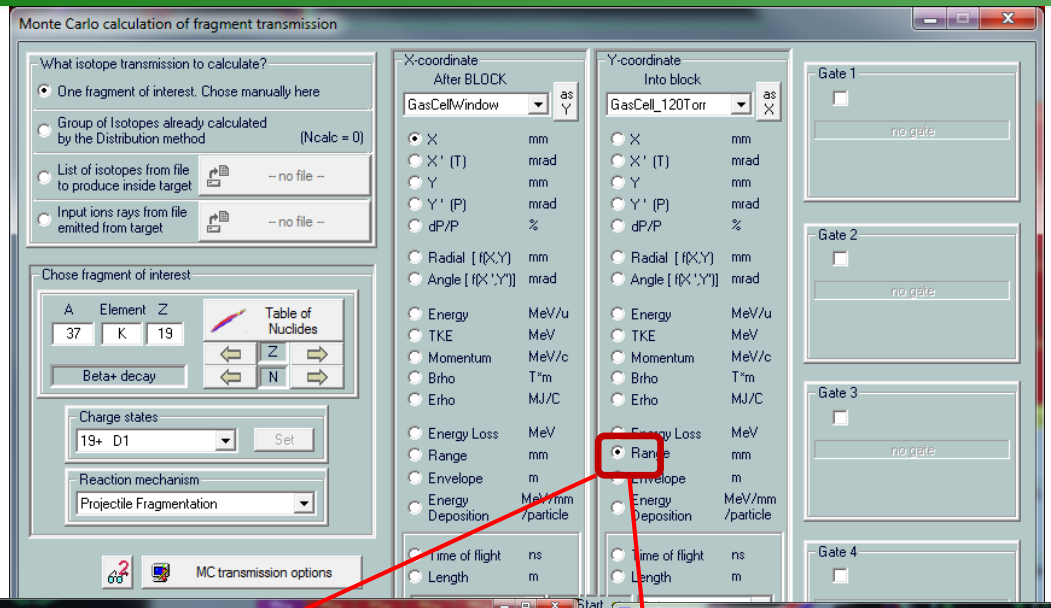


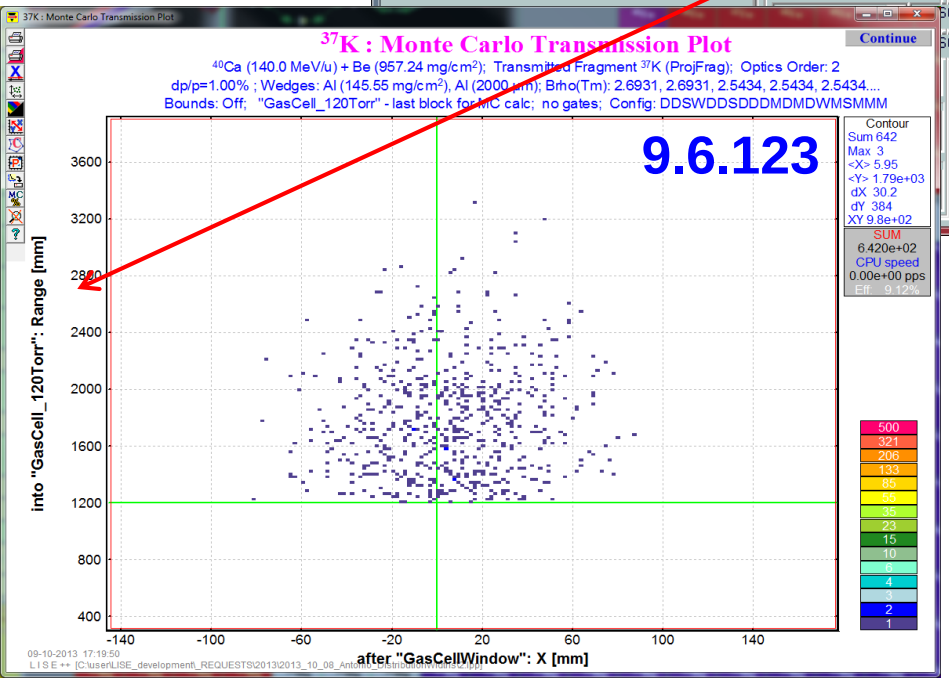
5. Gas Cell utility modification

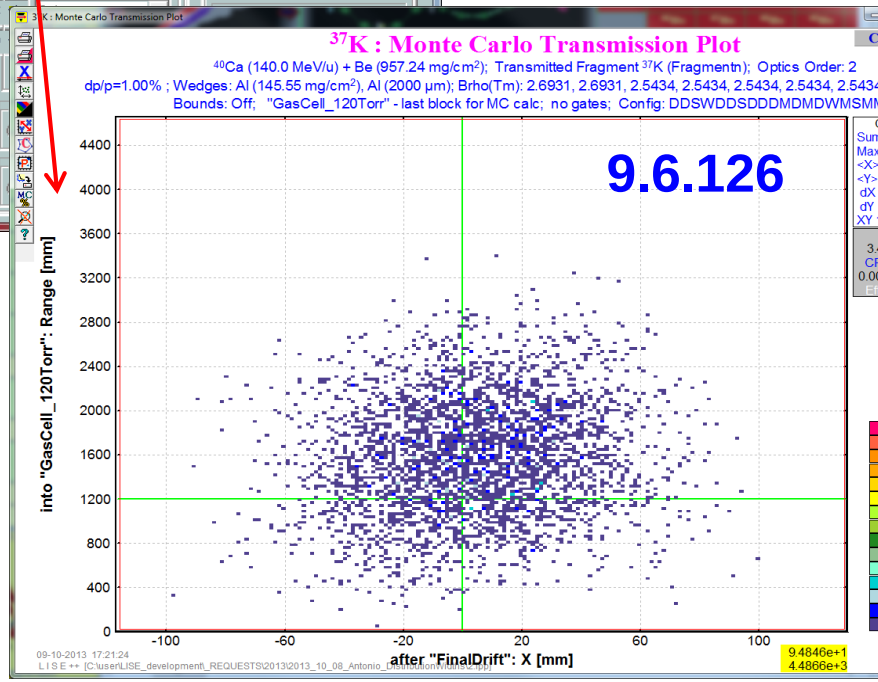




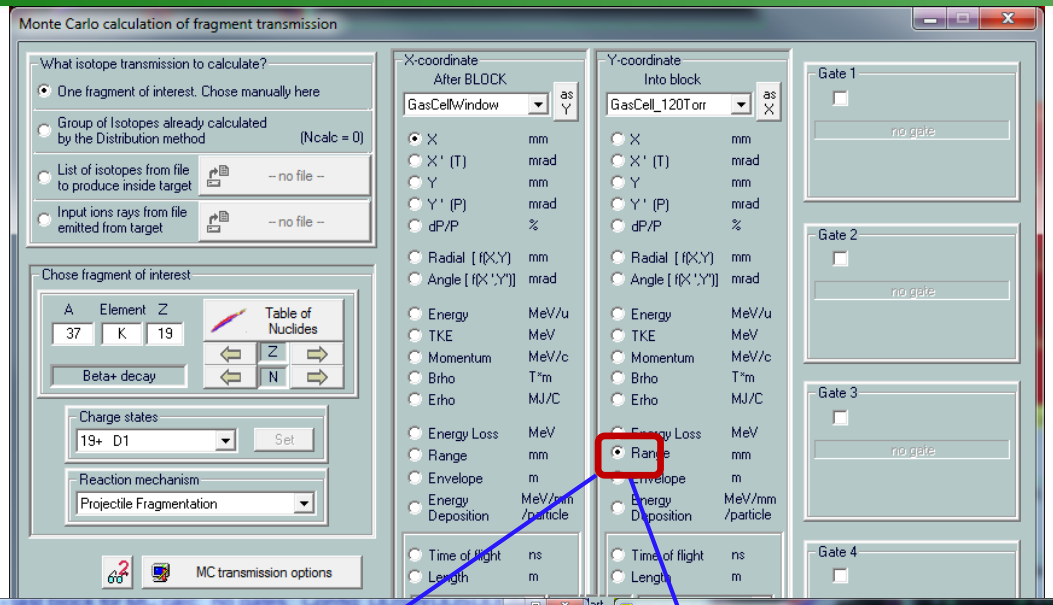
6. Correction in Monte Carlo Eloss and Range plots



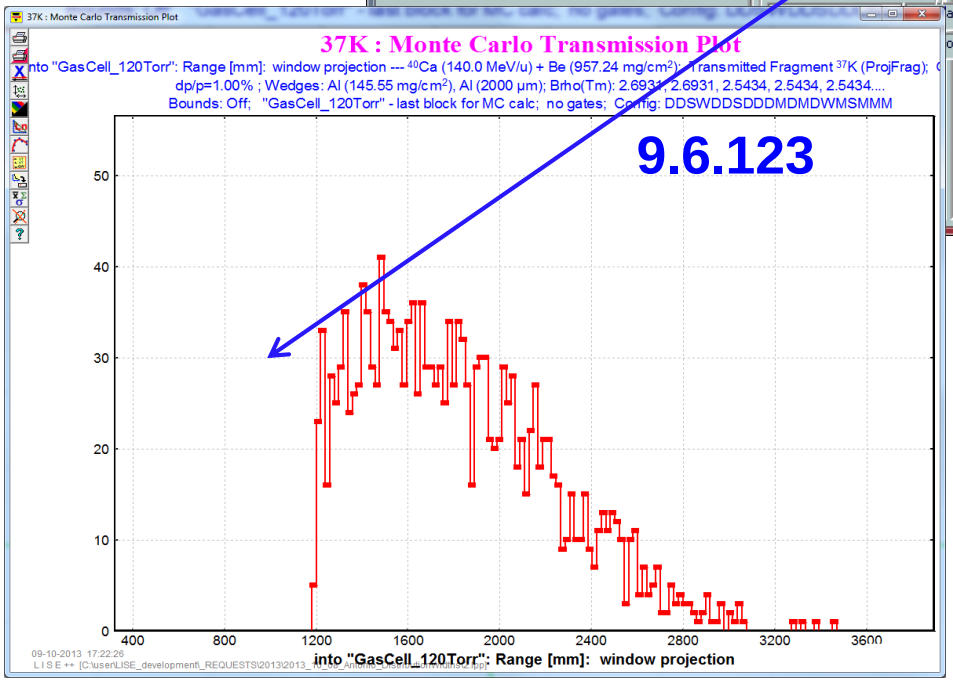


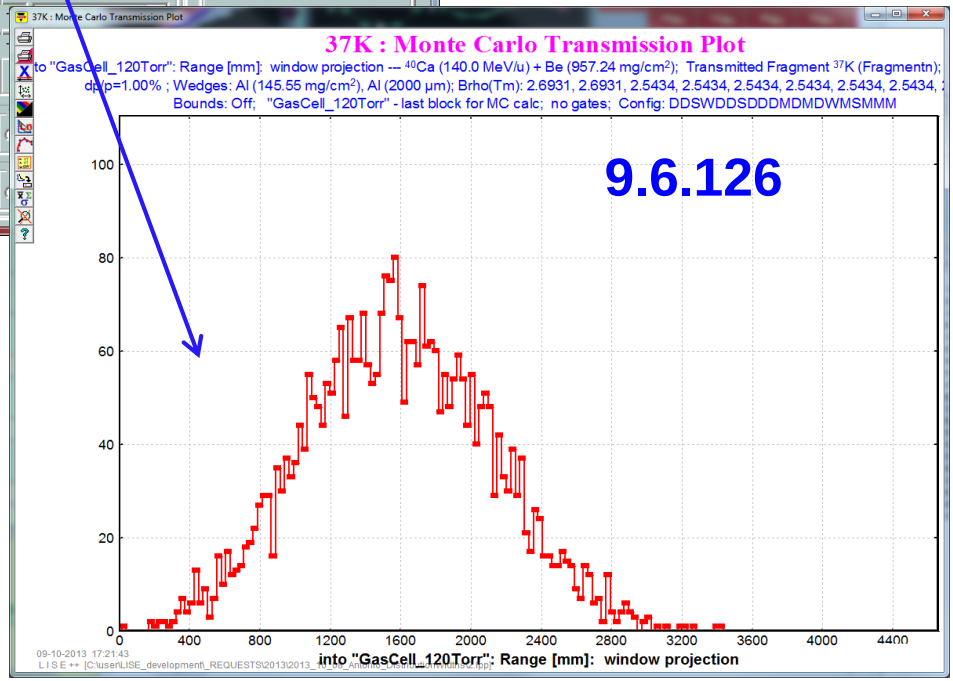


6. Correction in Monte Carlo E_{loss} and Range plots

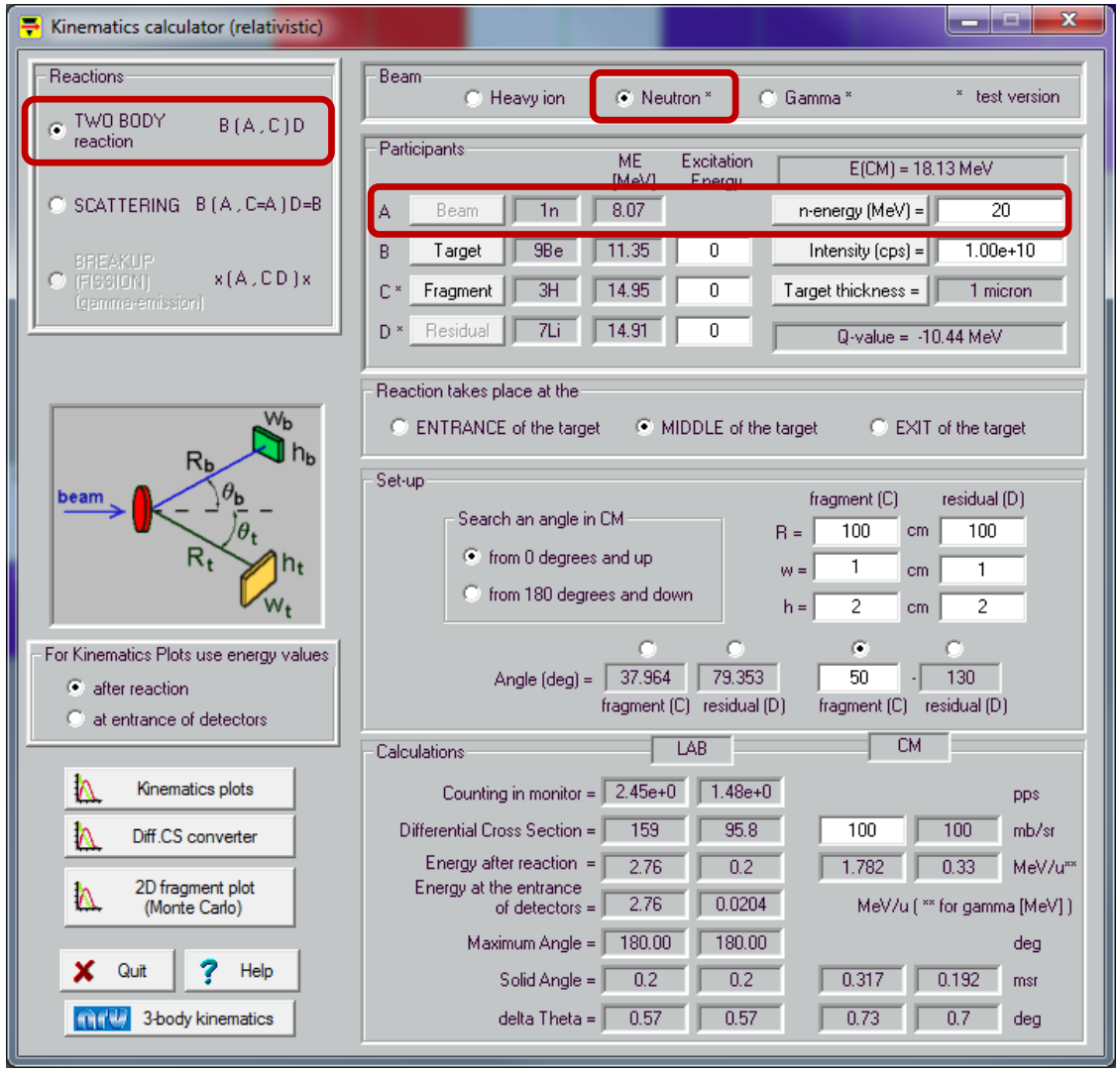


Projections of spectra from the previous slide

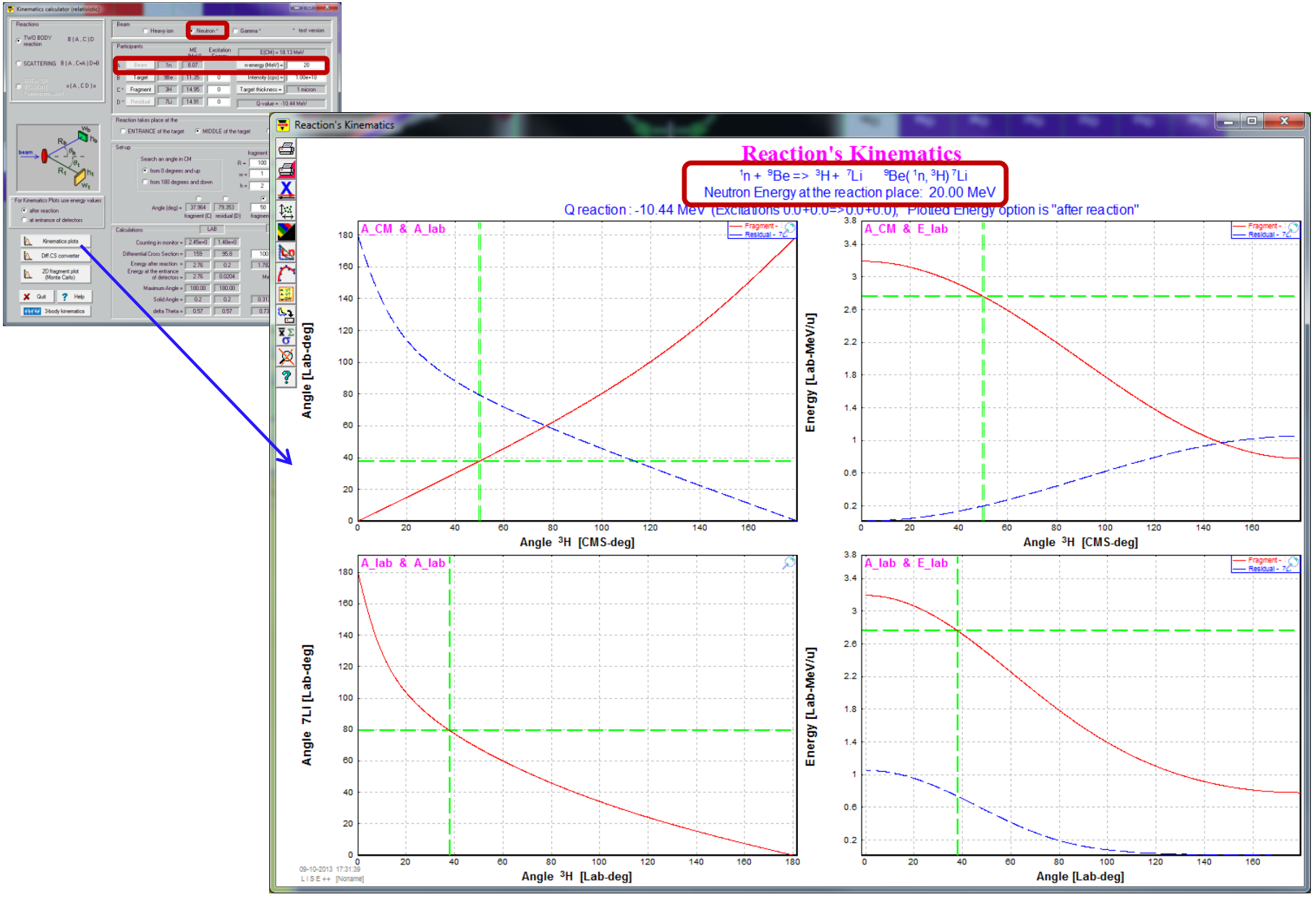




9.6.132 10/08/13



7. Neutron and Gamma induced reactions in the Kinematic Calculator



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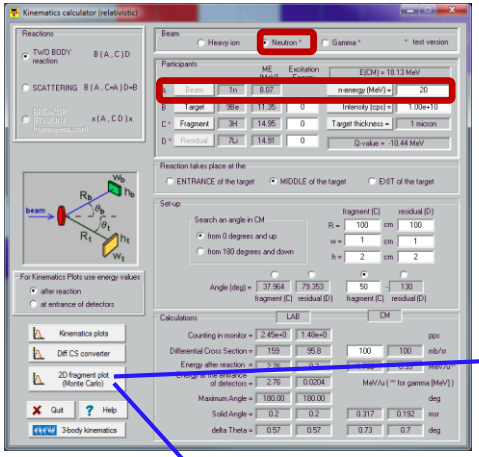

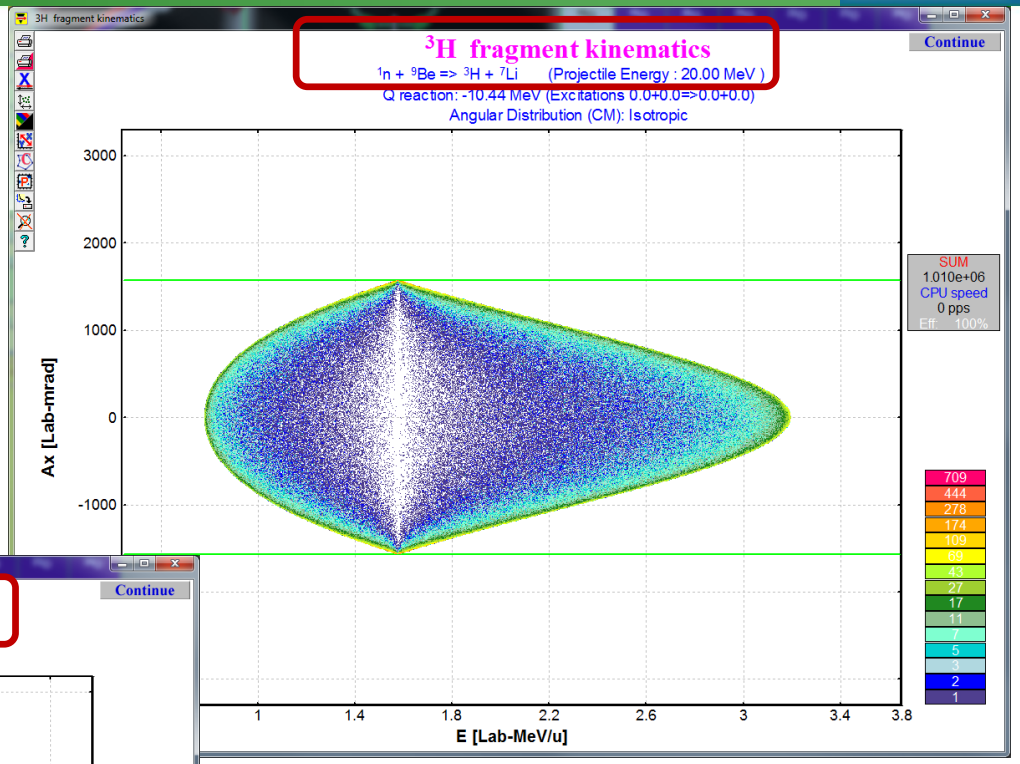

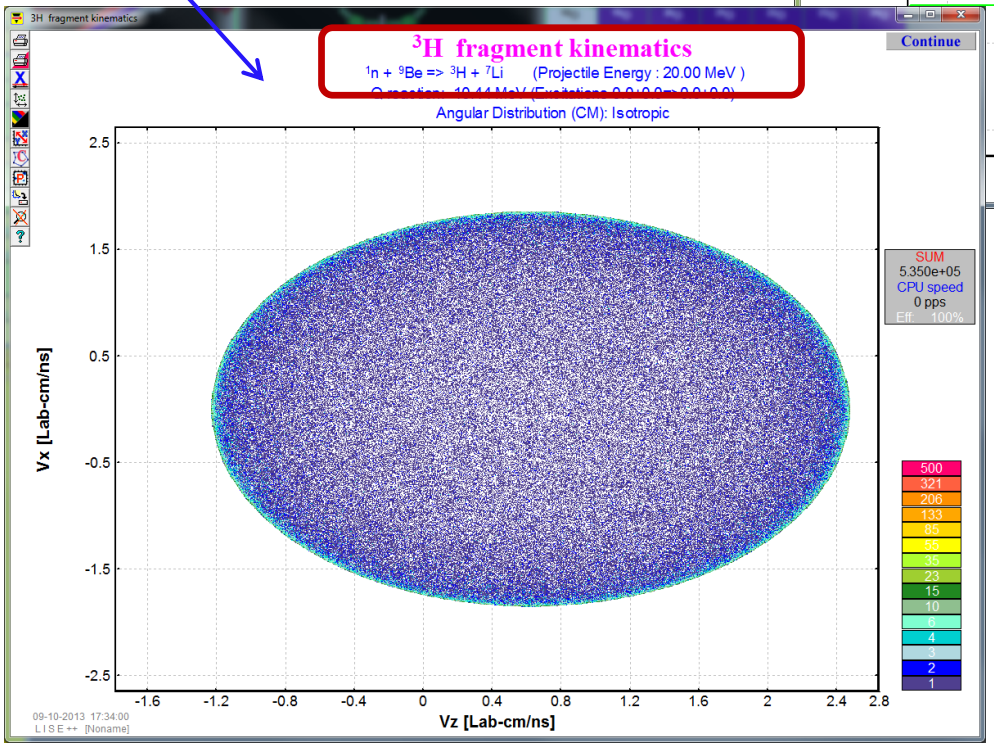

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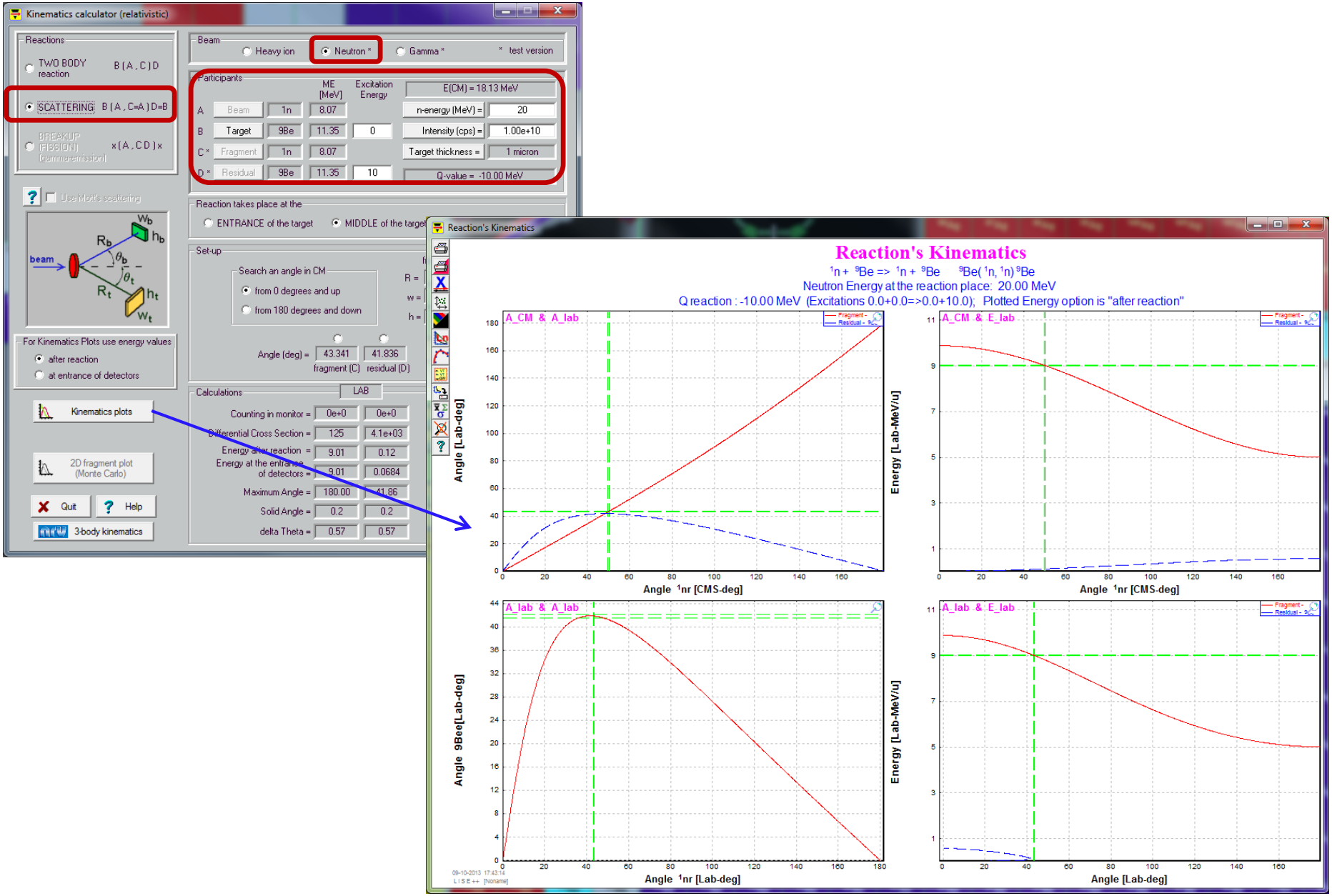

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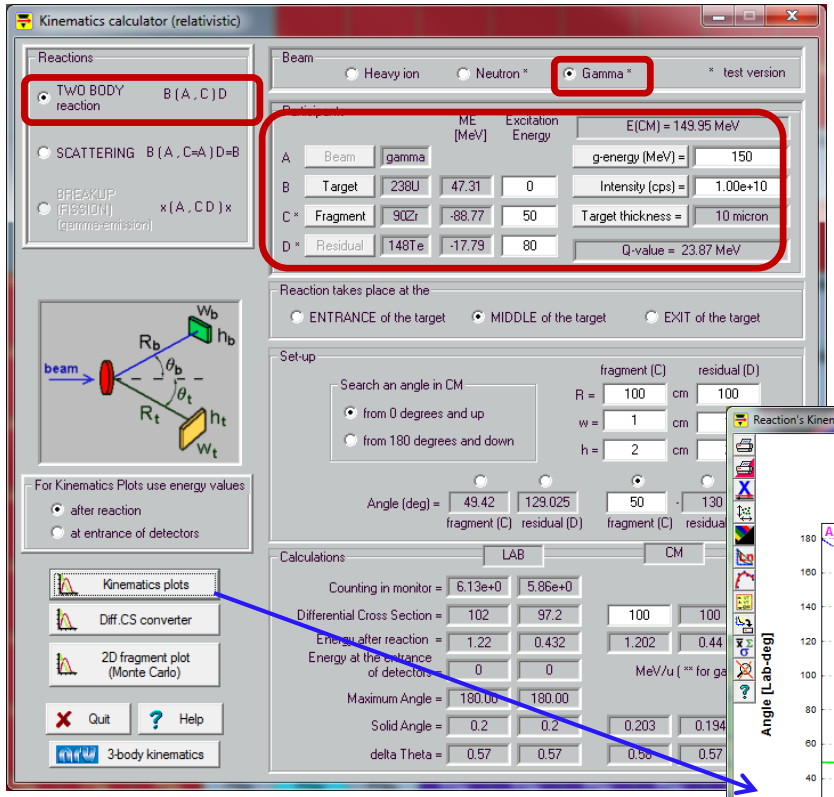
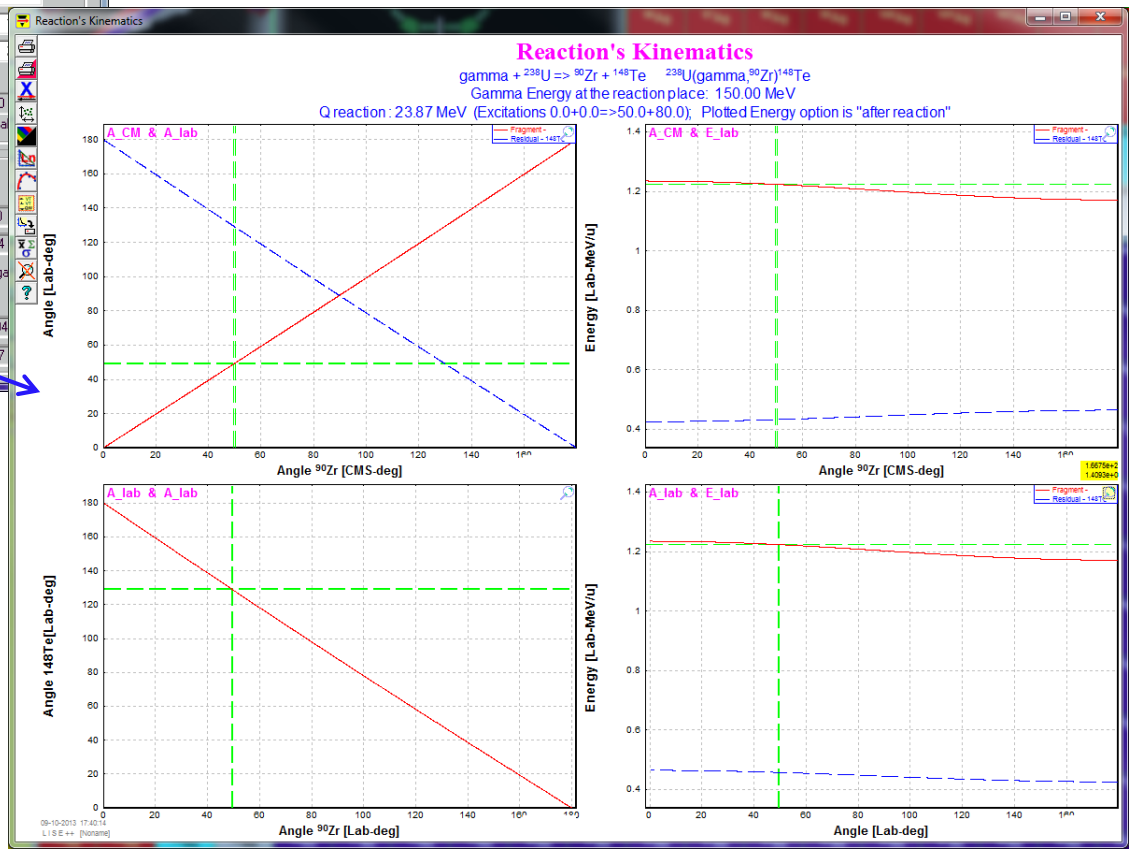
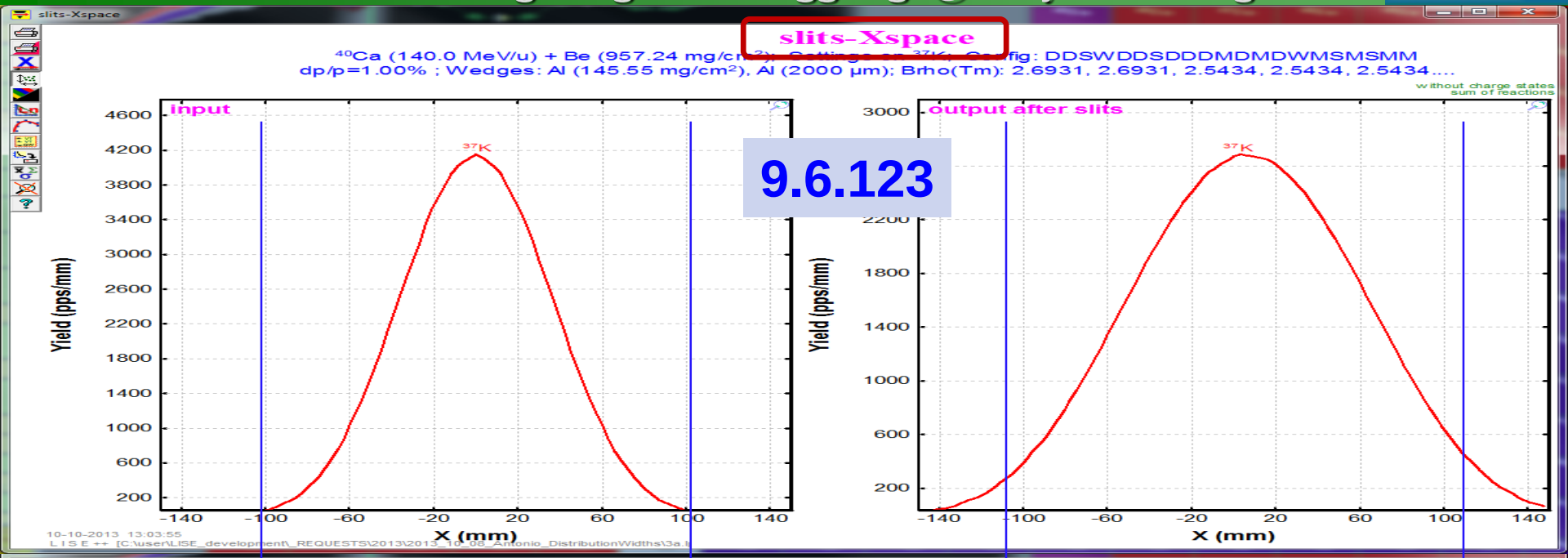
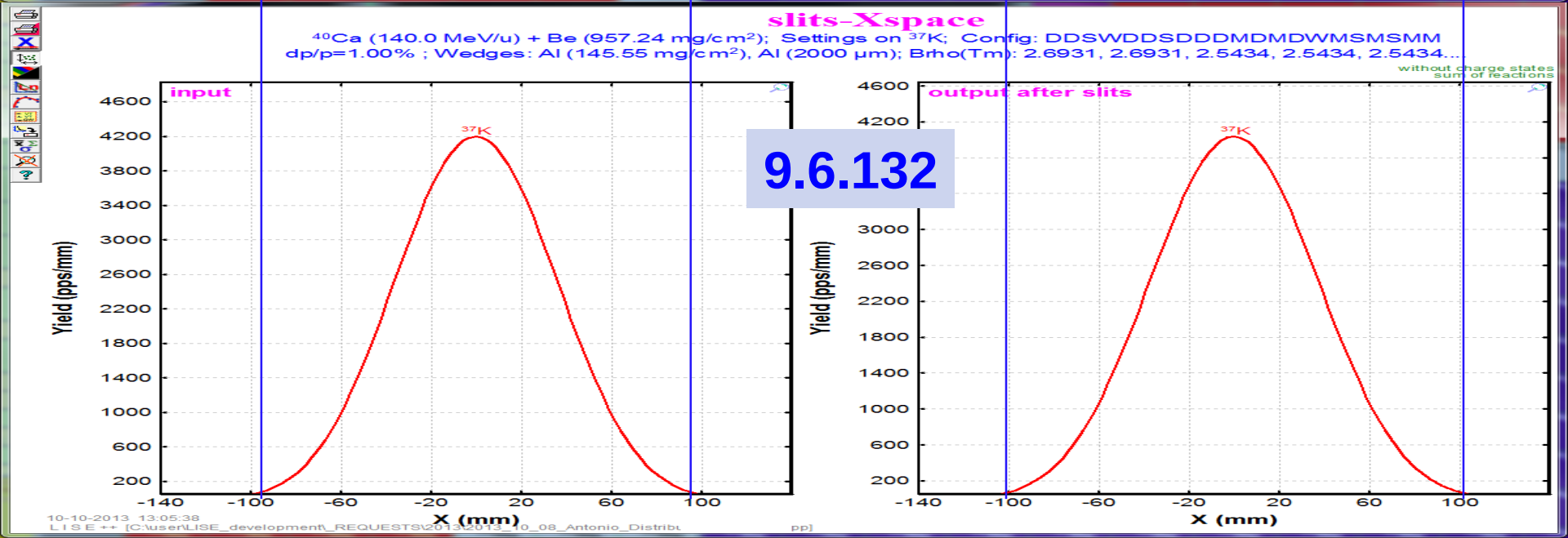




8. Corrections in transmission subroutines: modification for large angular straggling @ very low energies





9. Using optical matrices for transmission through materials

Corrections in transmission subroutines in the case of materials:

previous disperse block matrices were used instead using any optical block matrices