- 1. Start by pressing "Launch the Form": the form "Kinetic" should appear
- 2. Excel-Select the range marked in Grey on the sheet. (To Excel-Select the range: click first A1 cell using the mouse, then scroll to the bottom of the sheet (without clicking inside the sheet!), press the "Shift" key on the key-board and click then the rightmost bottom cell (the cell containing "878149" in this case). The Light Grey Range should become Dark Grey.
- 3. Press "Get Sequence/nRPF.." button on the Form "Kinetic"
- 4. Switch then to another Excel sheet (named here as Results, but any other sheet will do), select any cell there (by ckicking on it) and Press "Get\_ML\_zH" button to get the Initial Guess for the zFP Table
- 5. Press then "Hes-Refine zH to zF". This will ML refine the initial guess. Observe how Gradient Norm reduces towards Zero with each iteration
- 6. If the Progress to Zero is deemed insufficient press "Hes-Refine zFactors" and watch the gradient progress towards zero.
- 7. You may press "Hes-Refine zFactors" until further increase in the Likelihood value is deemed impossible by the algorithm
- 8. The reduction of GradNorm below 0.1 normally indicates that the Likelihood maximum is reached
- 9. Note that the progress/output account is printed starting from an "active cell" marked by the mouse cursor position on your Result Sheet
- 10. Print zFP table on a selected sheet ("Results" for instance) by pressing button "Print zH/F factors as:"
- 11. You may now treat zFP table the way you like!
- 12. The statistics of the fit can be printed by pressing "Print R2 statistic for"