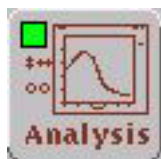


Chapter 7: Analysis Menu



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A. Main Menu

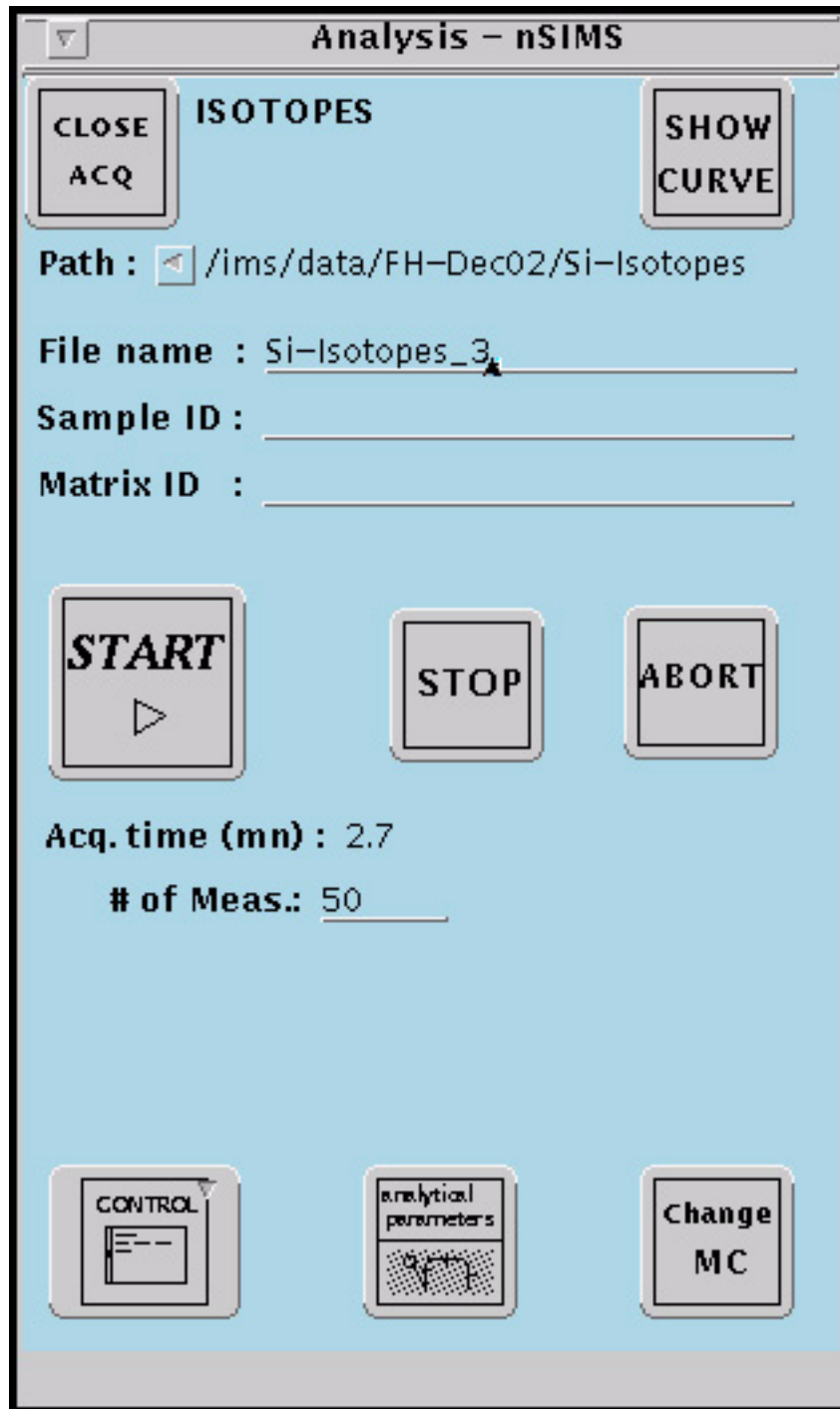









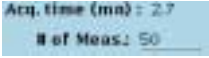





Figure 7-1: View of Main Analysis Menu.

Menu Details: Analysis Menu - Main Window	
	Quit from acquisition menu.
	Real time display of count rates or count ratios. Opens menu “Analysis/Display”
	Directory path for the saved file
	File name (can be edited)
	
	
	Start data acquisition
	Stop data acquisition, save data up to this point

	Abort data acquisition
	Estimated duration of the experiment
	Opens Control sub-menu
	Gives a drop-down list of parameters.
	Opens multi collection sub menu

B. Results Menu

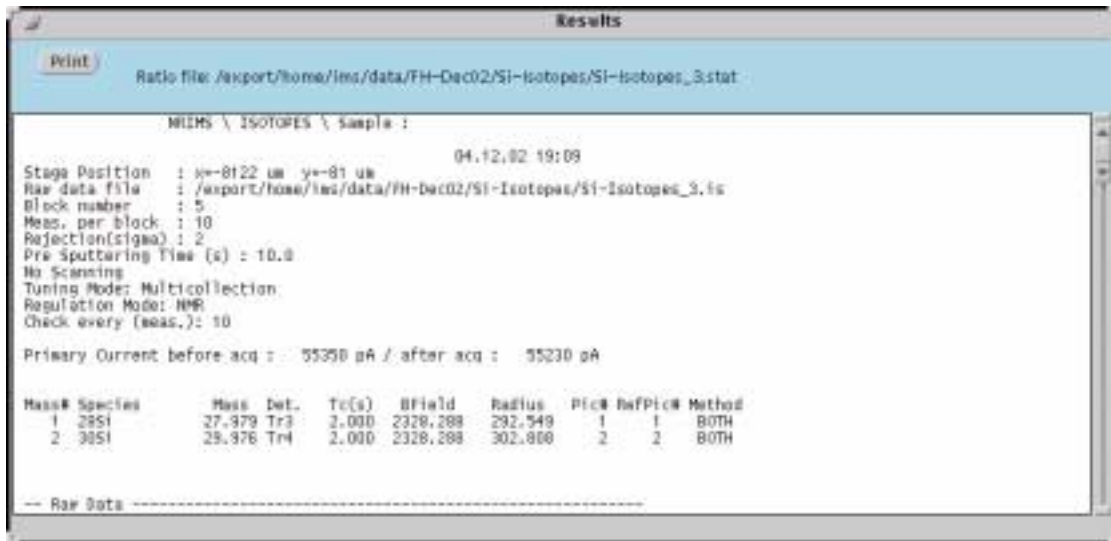



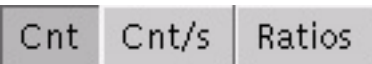
Figure 7-2: View of Results Menu. You can scroll down this page by using the scroll bar on the right.


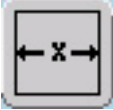

C. Display Menu



Figure 7-3: View of Analysis Display Window.

Menu Details: Analysis - Display Window

	Sends image of the countrate curve to lpr
	Toggles Y-scale of the curve from total counts to count rate or ratios

	Selects log scale or linear scale for Y-axis
	Scales X-axis to values entered as X max and X min
	Doubles the range of the X axis from the set values
<p>X max: 150,000</p> <p>X min: 0,000</p>	

D. Analytical Parameters

Analytical Parameters

PRIMARY				SECONDARY											
Isa : None				Entrance SIR : No 1 2 3 4 5 W.: um H.: um											
Primary current (I = 0) : 41020 pA				Aperture SIR : No 1 2 3 4 5 W.: um H.: um											
Primary current (I = End) : N/A pA				Energy SIR Pos : 0.00 mm Energy SIR Width : 0.00 mm											
LDes : 0 V L3 : 0 V				EoR SIRs : FC EM1 EM2 EM3 EM4 EM5 LD											
Ddes : No 1 2 3 4 Diam. : Err um				1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 0.00											
D0 : No 1 2 3 4 Diam. : Err um				W. um 38 38 38 32 38 38 8											
D1 : No 1 2 3 4 5 Diam. : Err um				H. um 1600 1600 1600 1600 1600 1600											
Easter size : 6.0 um				Yield (%) 100.0 100.0 100.0 70.0 100.0 100.0											
Primary focalisation : 8324.17 V				Dead Time (ns) 44 44 44 44 50 50											
Oct 30 : -102.42 V				Background (c/s) N/A 0 0 0 0 0 0											
Oct 41 : 10.32 V				HV Sample : -8000.21 V											
Analyse Chamber Pressure : 3.70E-9 torr				Secondary focalisation : -7518.05 V											
				Multicollection Chamber Pressure : 7.31E-9 torr											
Comment :				PRINT											

Figure 7-4: View of Analytical Parameters Window.