SOFTWARE: USC30 & USX

Data acquisition is begun by clicking the ‘GO’ button

Data acquisition is stopped by clicking on the ‘STOP’ button

Data is deleted using the eraser button

To determine the total number of counts in some region, or to determine the channel number/energy of a peak in the spectrum, a region of interest (ROI) must be defined. This is done using the ROI button. A ROI is defined by placing the cursor at the left edge of the desired region and then clicking with the left mouse button and dragging the cursor to the right edge of the region. The ROI will change colour to show the region that has been selected. The total number of counts in the region is given by the GROSS number (not the NET number). The CENTROID is the channel number (or energy if calibrated) of the peak within the ROI. To clear the ROI, go to Settings → ROIs.

The vertical axis can be toggled between a linear or logarithmic scale with the ‘Y/lin’ and ‘Y/log’ buttons. The vertical axis scale is changed by moving the slider at the far right side of the program window.