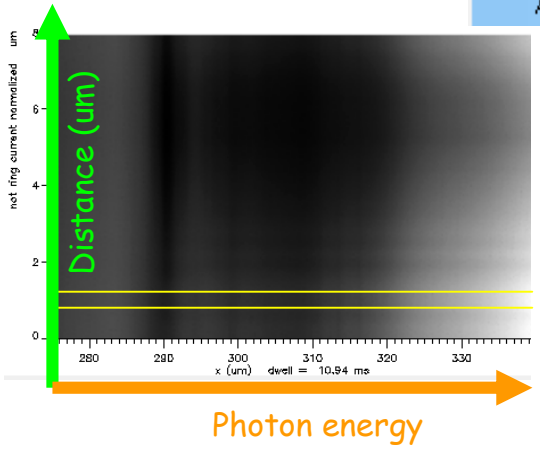
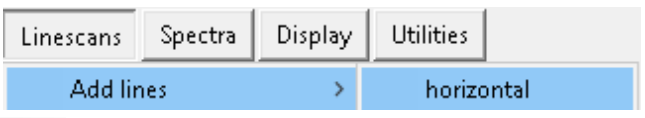


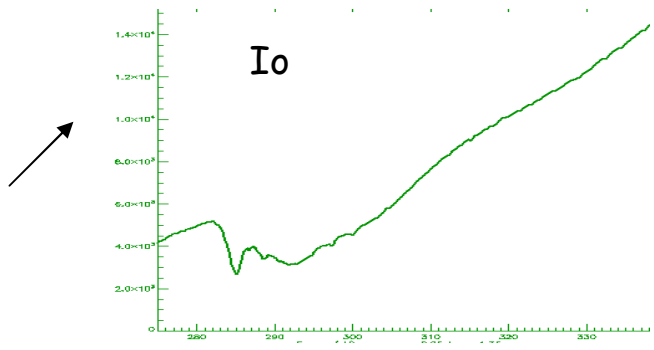
Linescan spectra processing

Linescan spectra mode measures spectra at points along a line

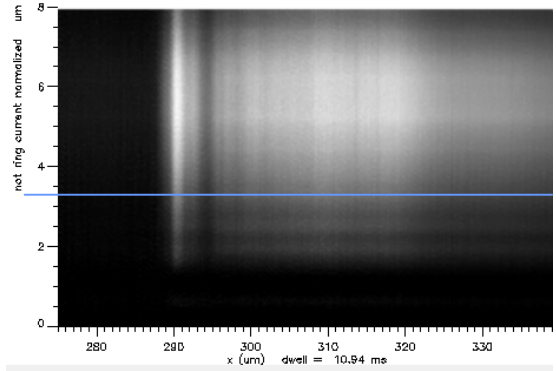
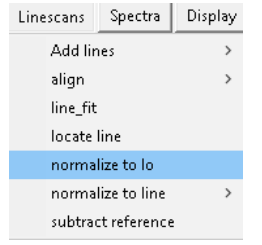
1. For I₀ along line use



Click to select lower limit of I₀, then upper limit of I₀

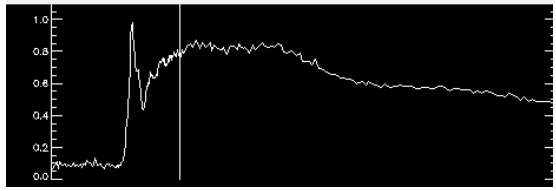


2. Normalize linescan



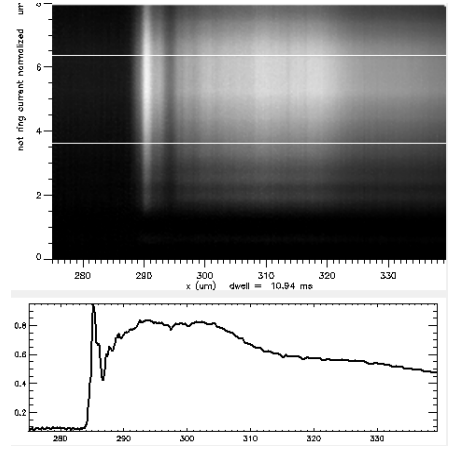
3. move to other buffer save

4. Extract spectra:



Linescan~add lines~horizontal

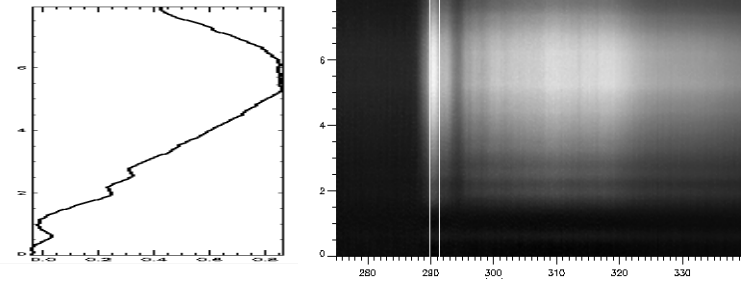
→ Sums SPECTRA over a range of POINTS along line



5. extract distributions along line

Linescan~add lines~vertical

→ Sums INTENSITIES along line over a range of ENERGIES



The linescan commands can also be used to average images (or other 2D data) over horizontal or vertical