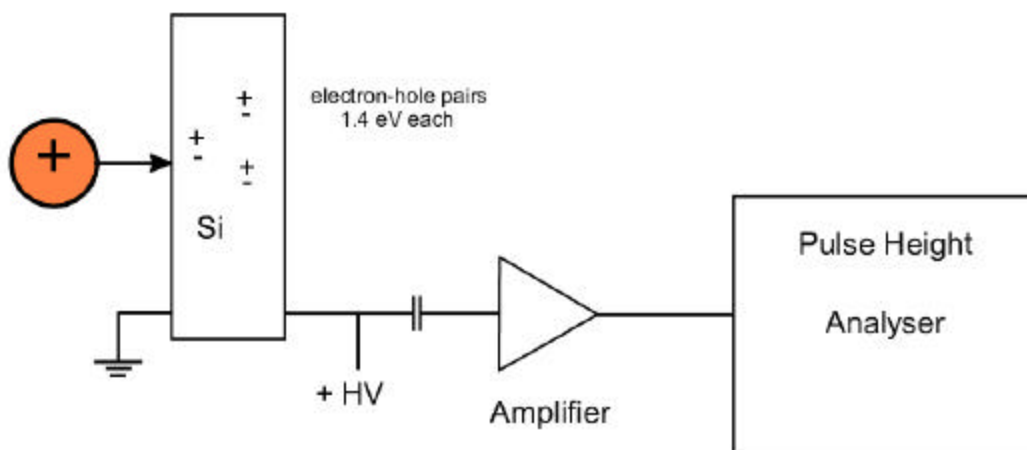
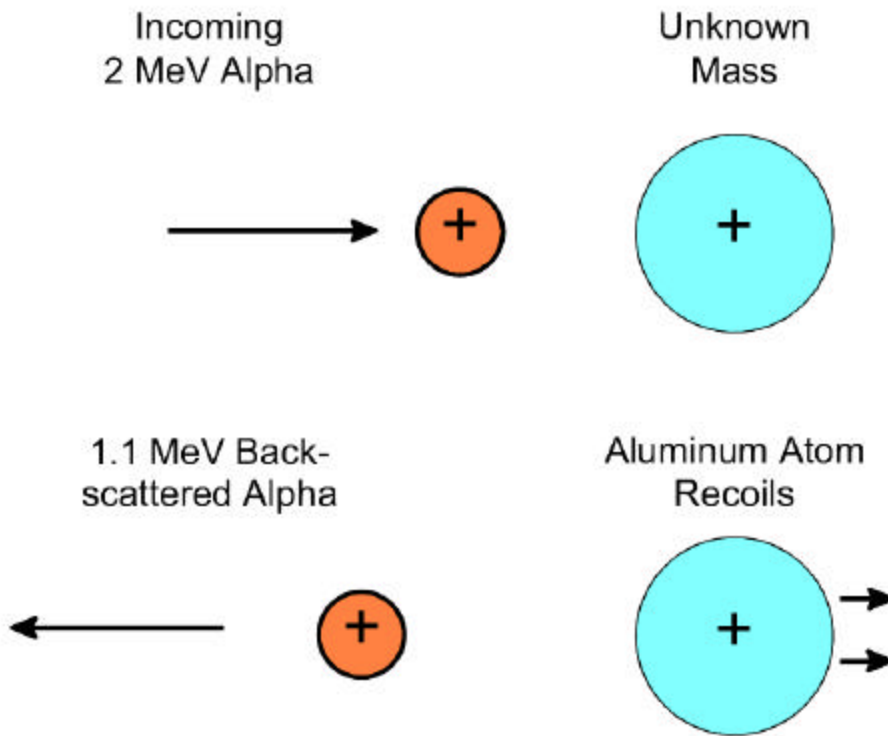
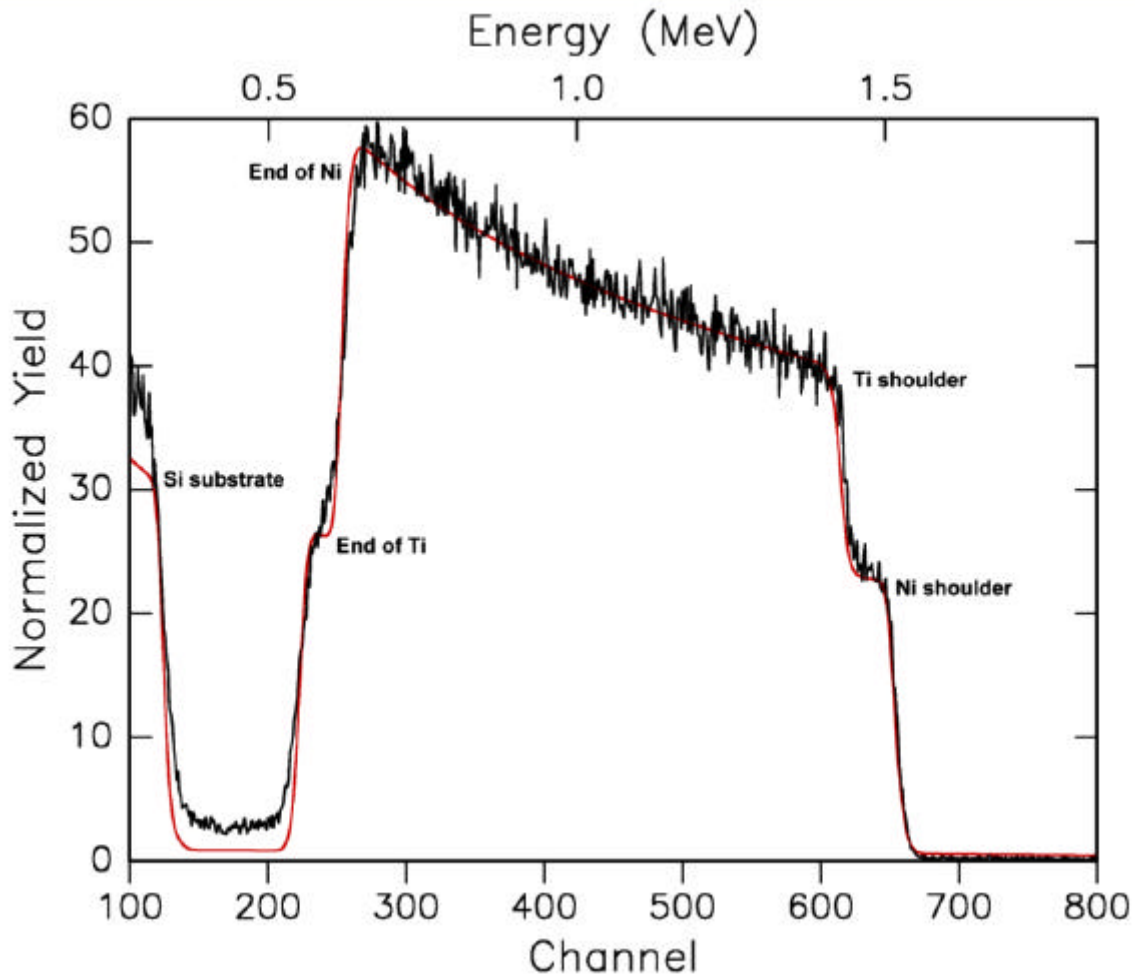


Elastic Rutherford Backscattering





This is a spectrum of a 50%-50% Ni-Ti film on silicon.

The most energetic alphas (at the right) come from the surface. The lower energy alphas have come from deeper in the sample. At the left you can see where the underlying silicon spectrum starts to appear.

The red line is the modeled composition. The black line is the data. Both the composition and the film thickness can be determined.