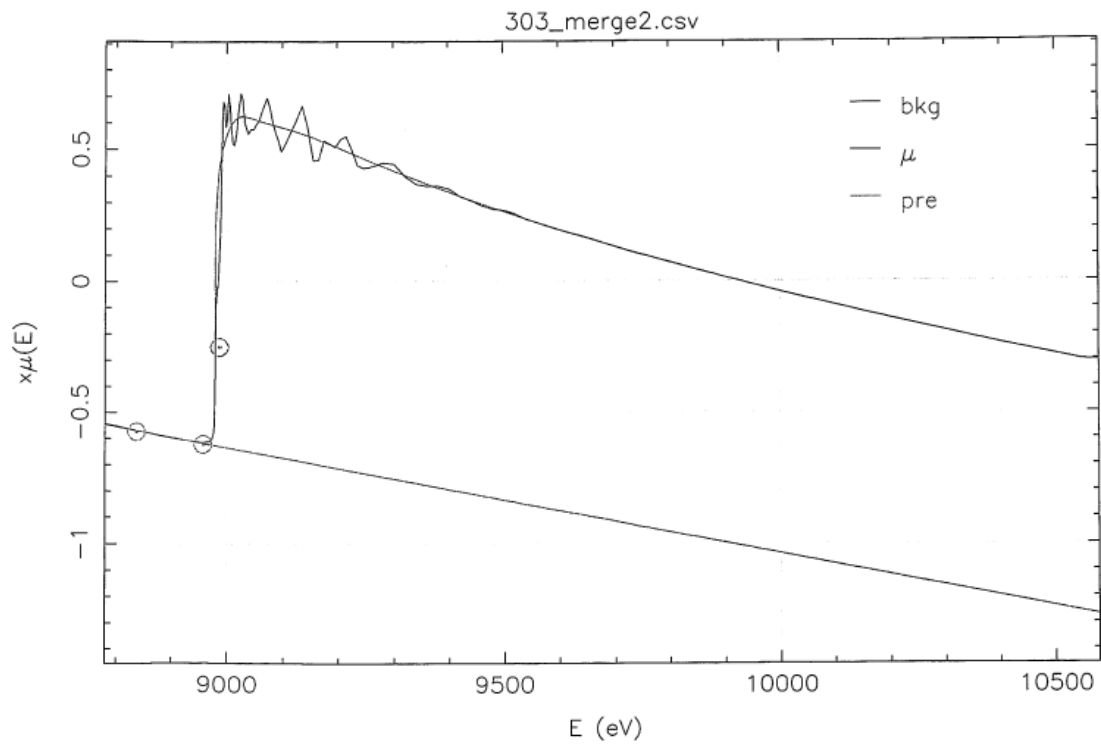
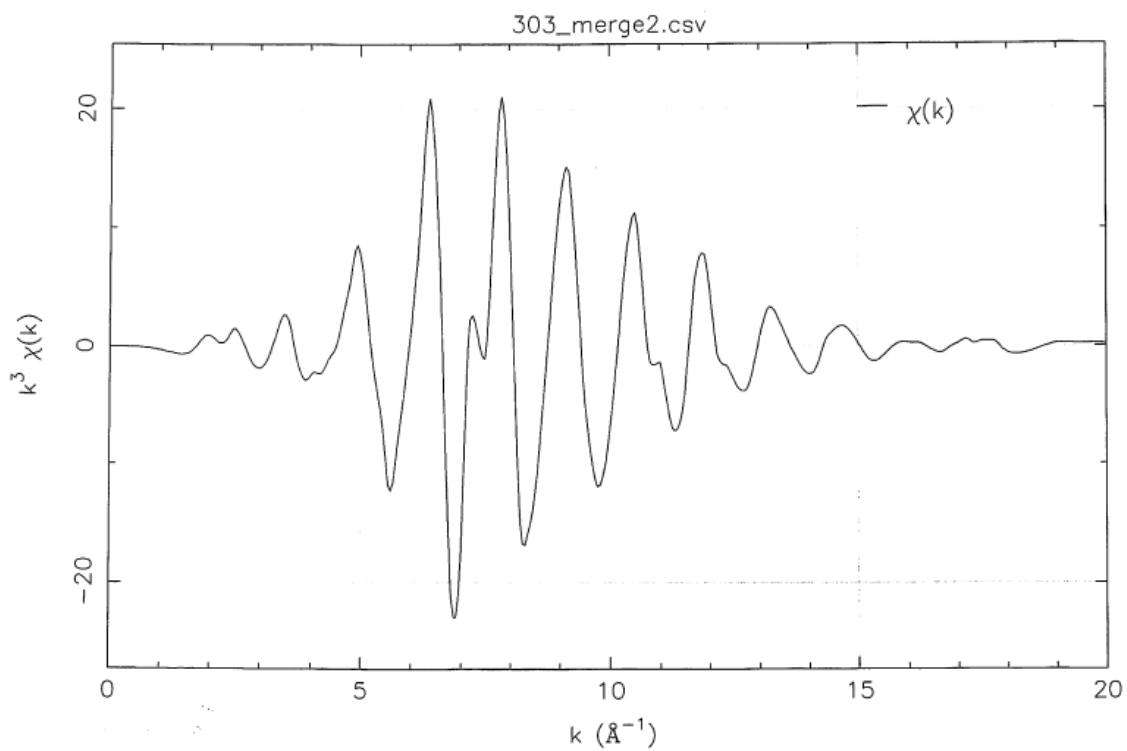


**First EXAFS spectrum on B18 – Data courtesy of DLS**

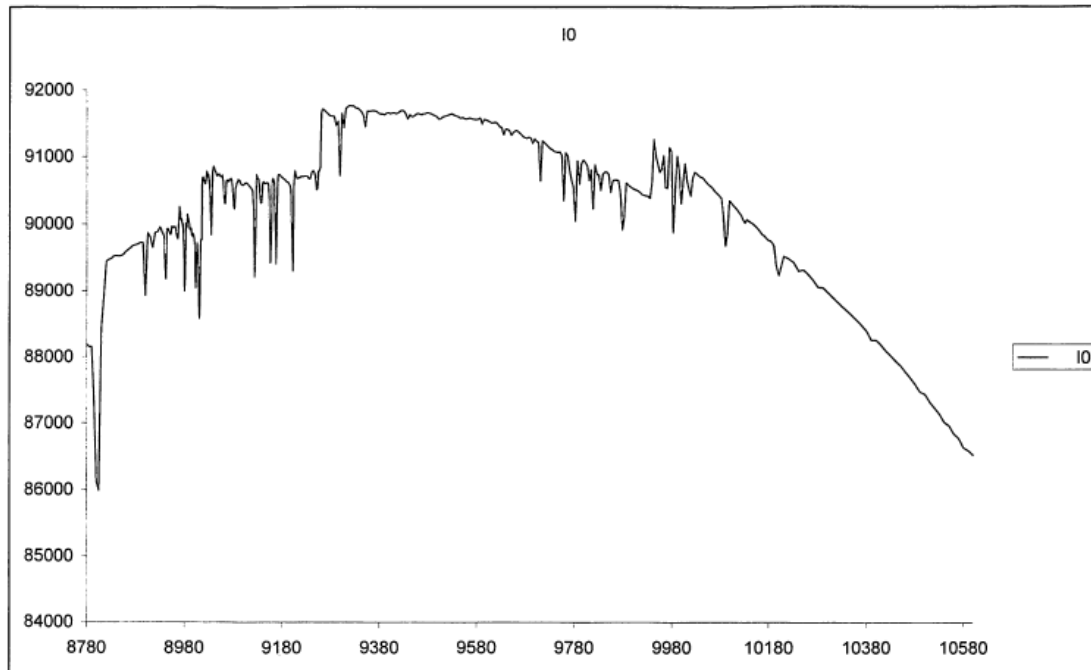
Cu K edge foil spectrum Si(111) @ 9keV (bragg angle 14.1 degrees)



K3 weighted EXAFS – note salient features. Smooth noise-free out to 20 reciprocal angstroms.



$I_0$  - note low noise less than 1%



Graph of positional error on bragg motor in constant velocity mode.

Standard deviation of fitted polynomial curve  $4 \times 10^{-5}$  (best at SRS  $2 \times 10^{-3}$  std)

