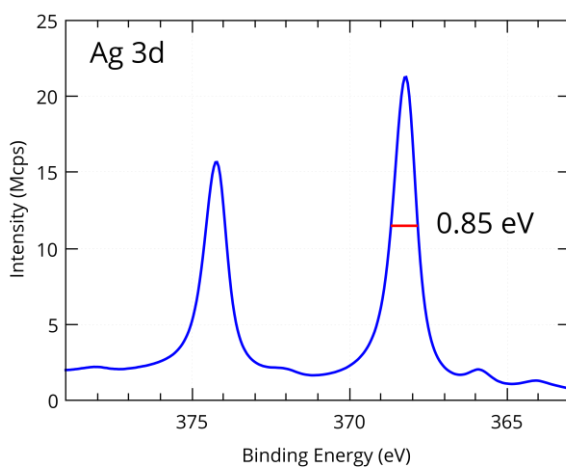


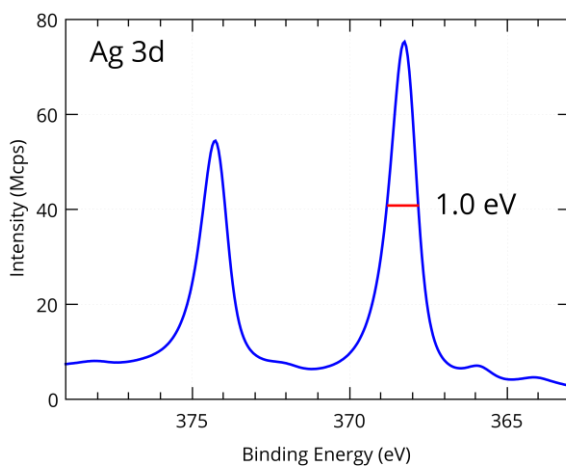
ASPECT Analyser Performance

Technical note

Ag 3d Spectra with Mg K α (1253.6 eV) excitation, generated with the LAX dual-anode X-ray source



Setup geometry: ASPECT analyser and LAX dual-anode X-ray source at 54.7° to each other. The sample is grounded and at nominal analyser working distance of 35mm.



Achieved count rates at the Ag 3d_{5/2} peak

FWHM (eV)	Intensity (Mcps)
0.85	> 21
1.0	> 75



The LAX dual-anode X-ray source is an excitation source for high intensity XPS measurements and large area illumination of samples. It features a cooled nose cone for minimising sample heating.