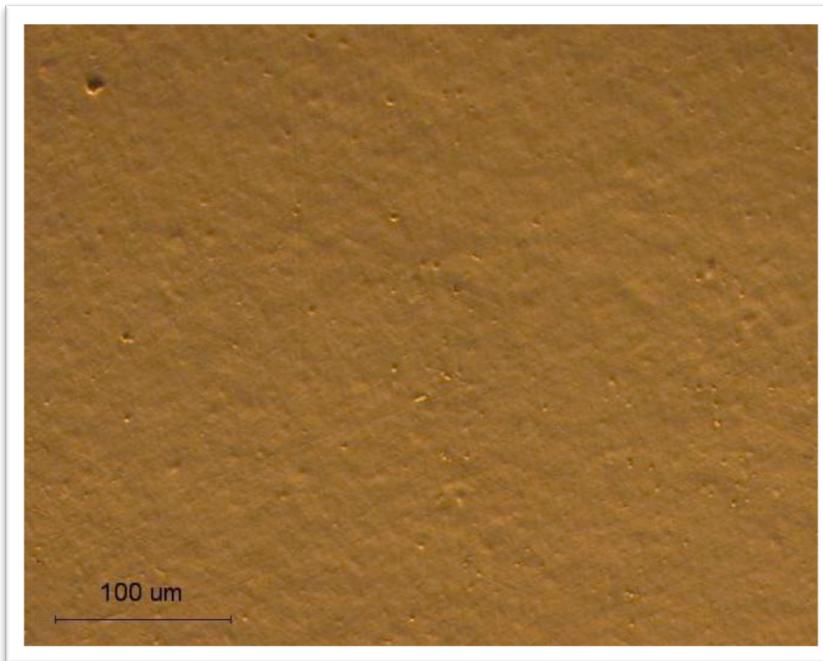
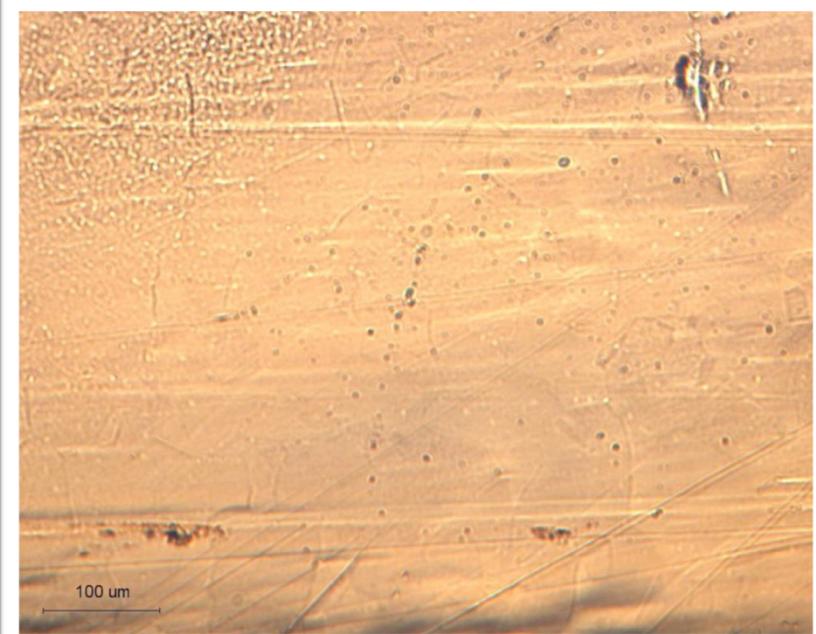
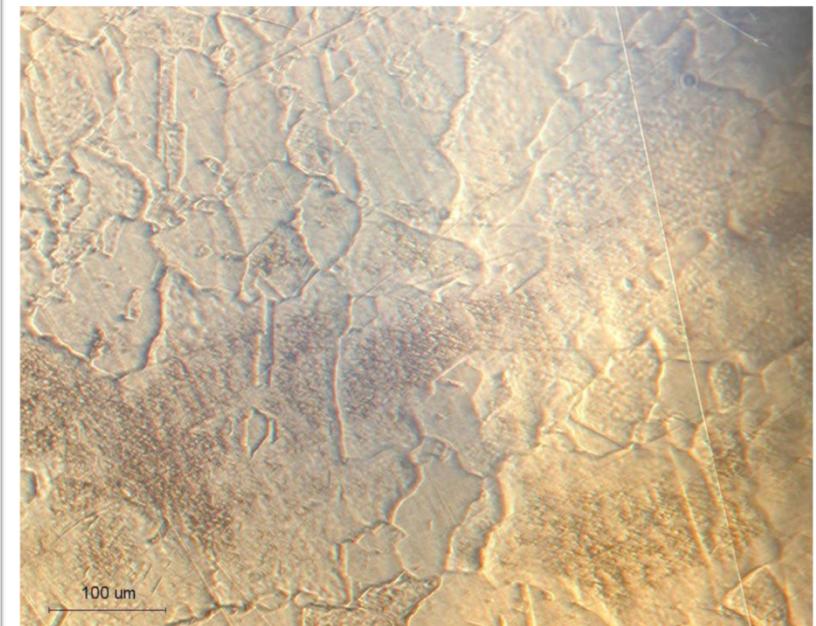


Optical Microscope Images Before Diffusion Annealing

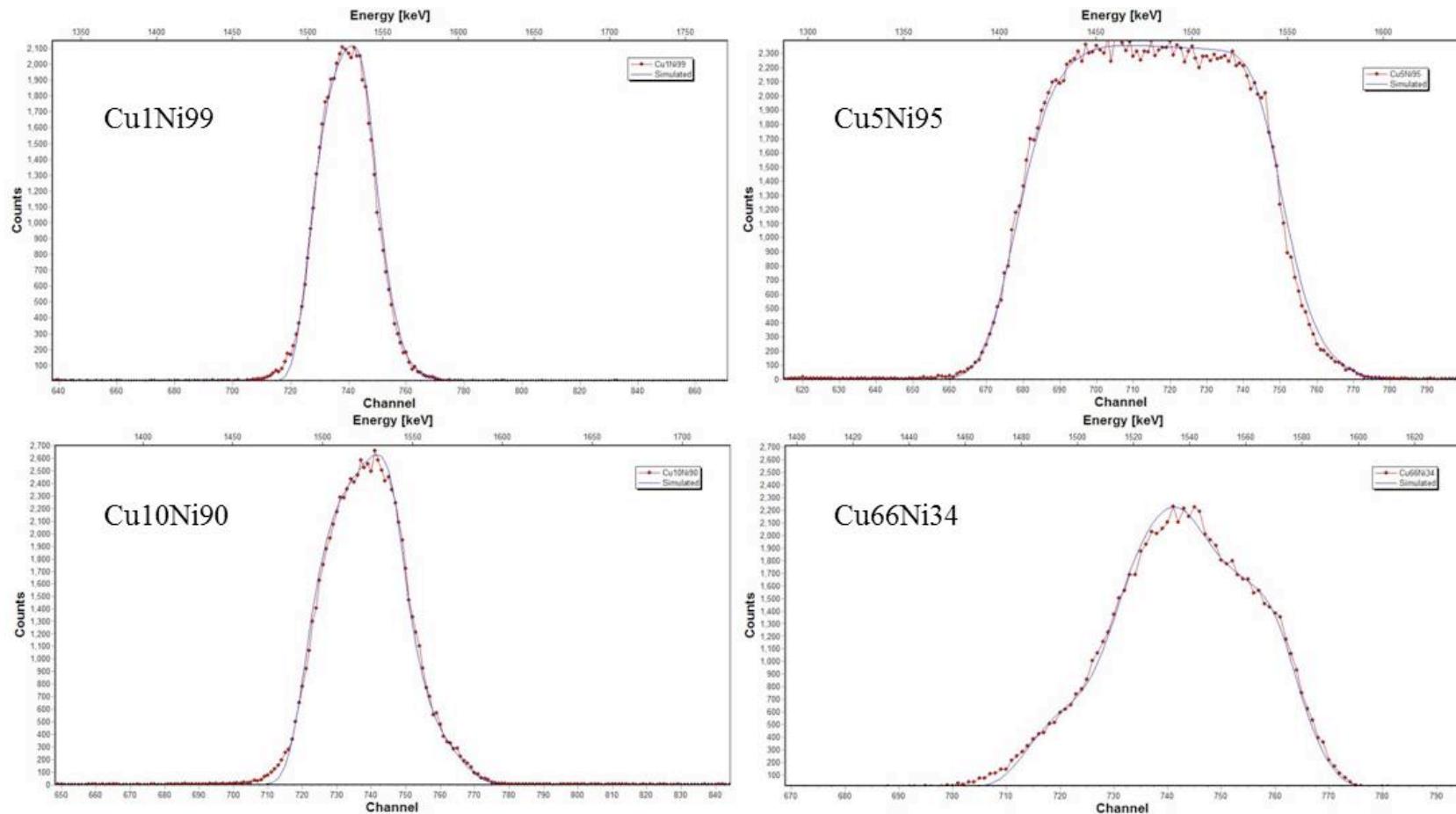


Ni-Bi alloy before polishing

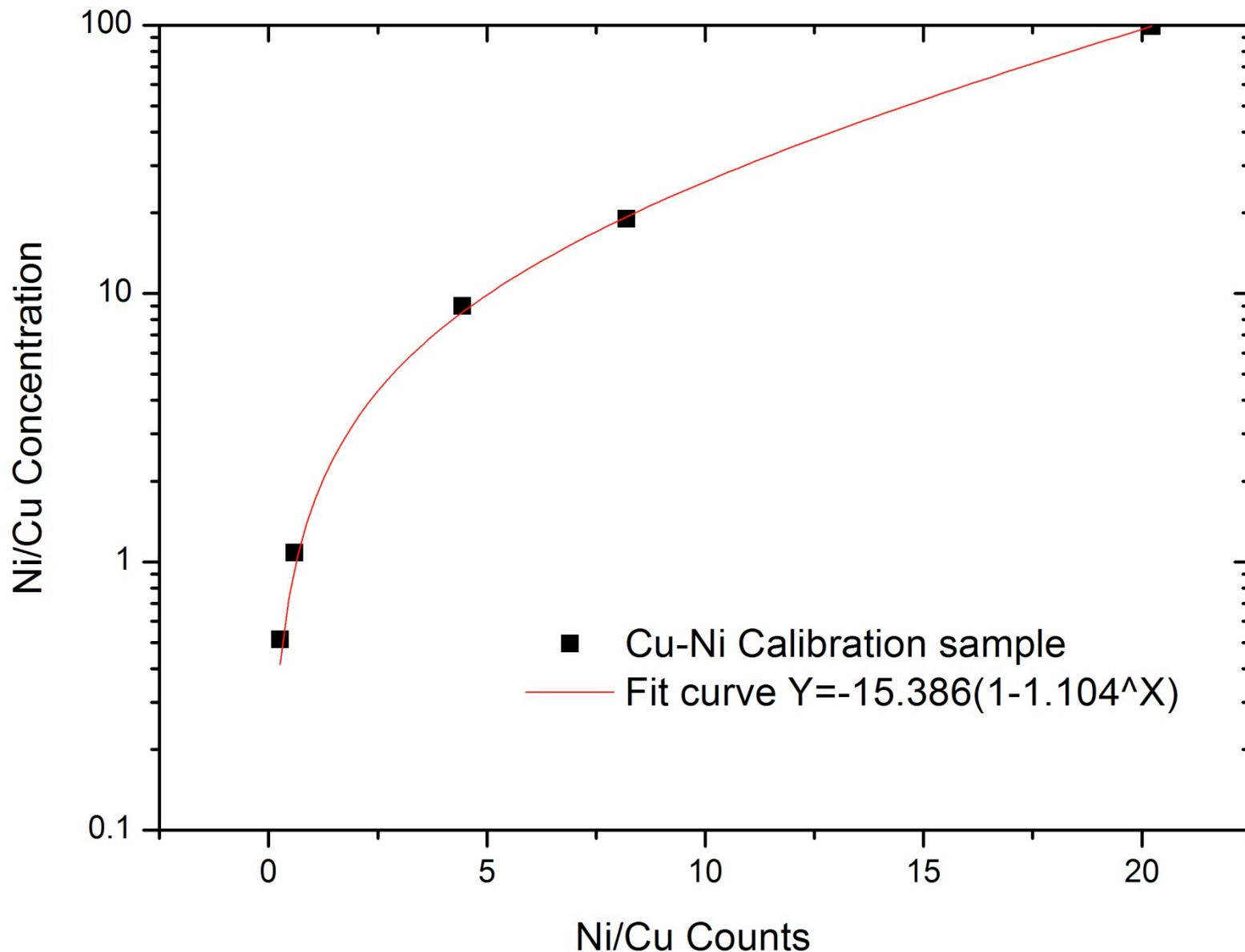


Ni (top) and Ni-Bi alloy after polishing

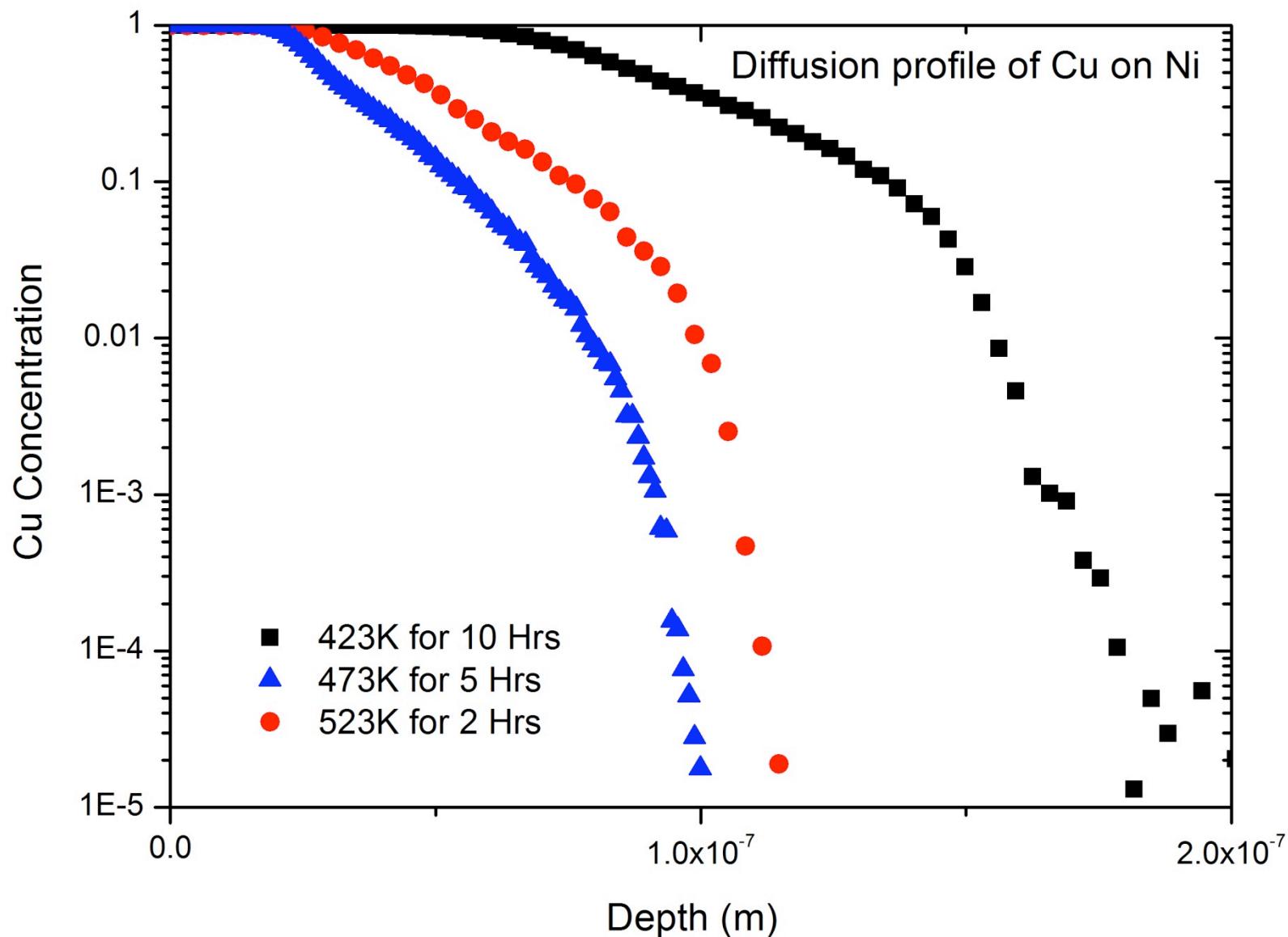
Cu-Ni Calibration Samples Determined by RBS

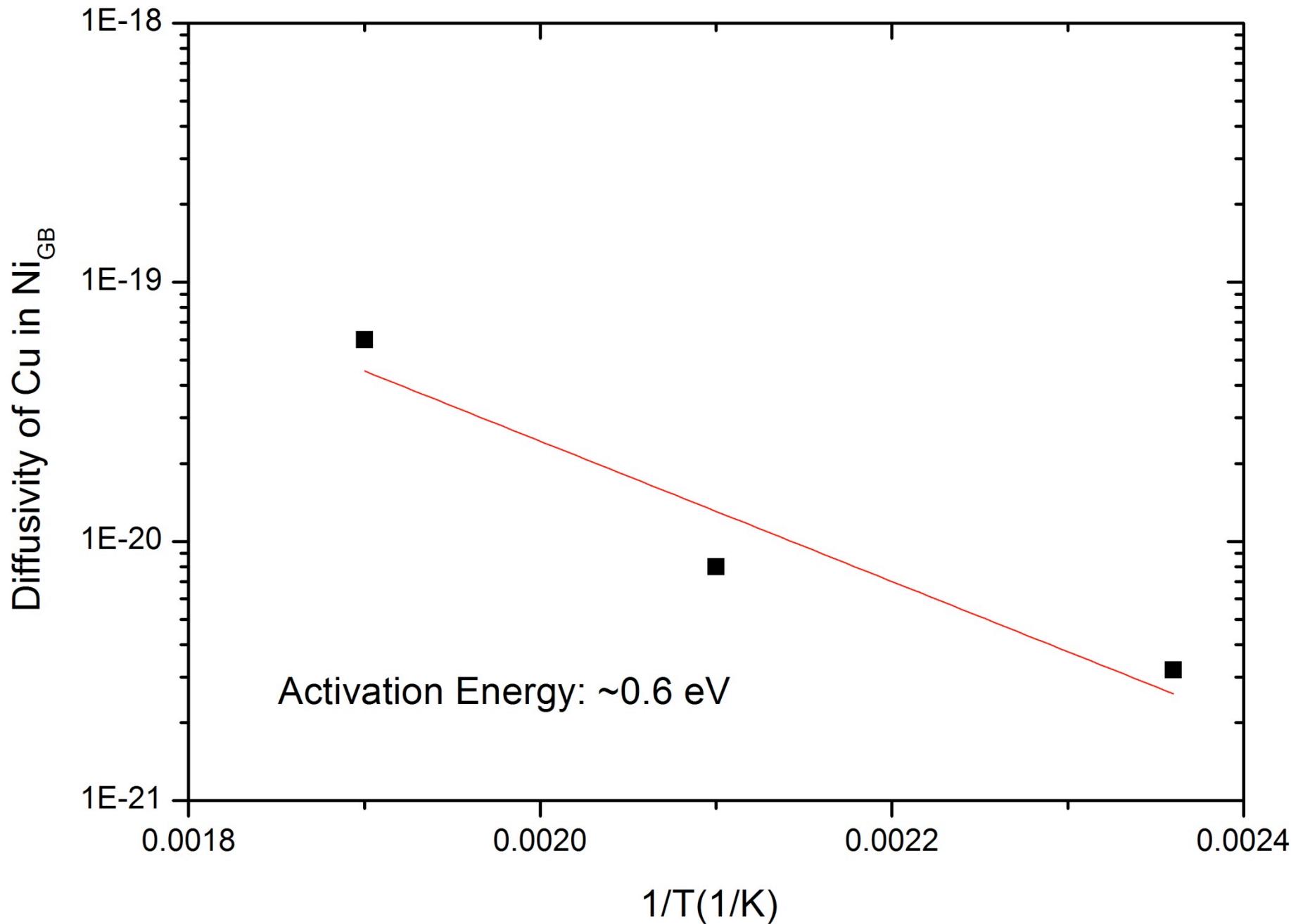


Cu- Ni Calibration Curve

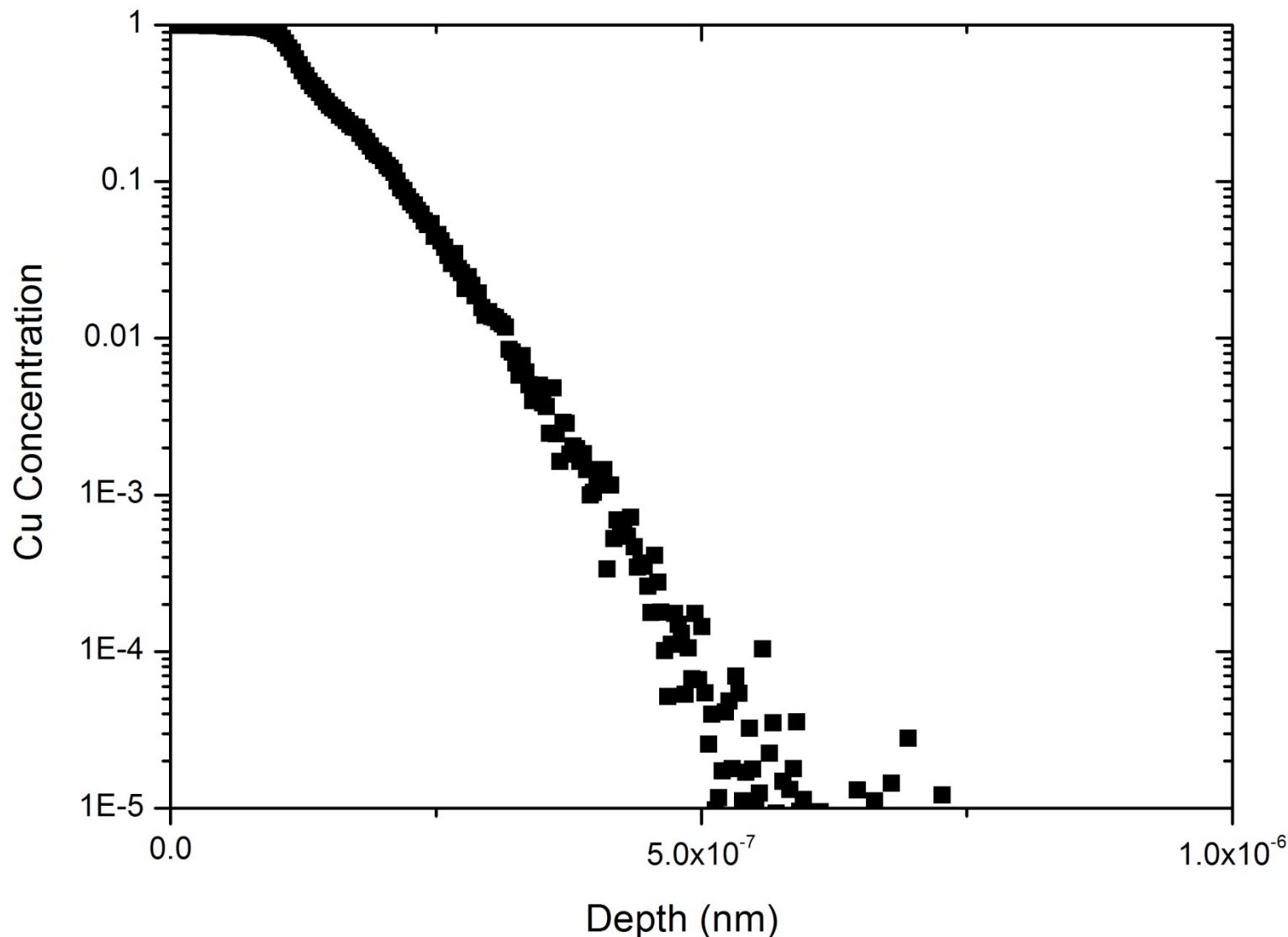


Penetration profile obtained by SIMS for copper diffusion in pure Ni at different anneal conditions

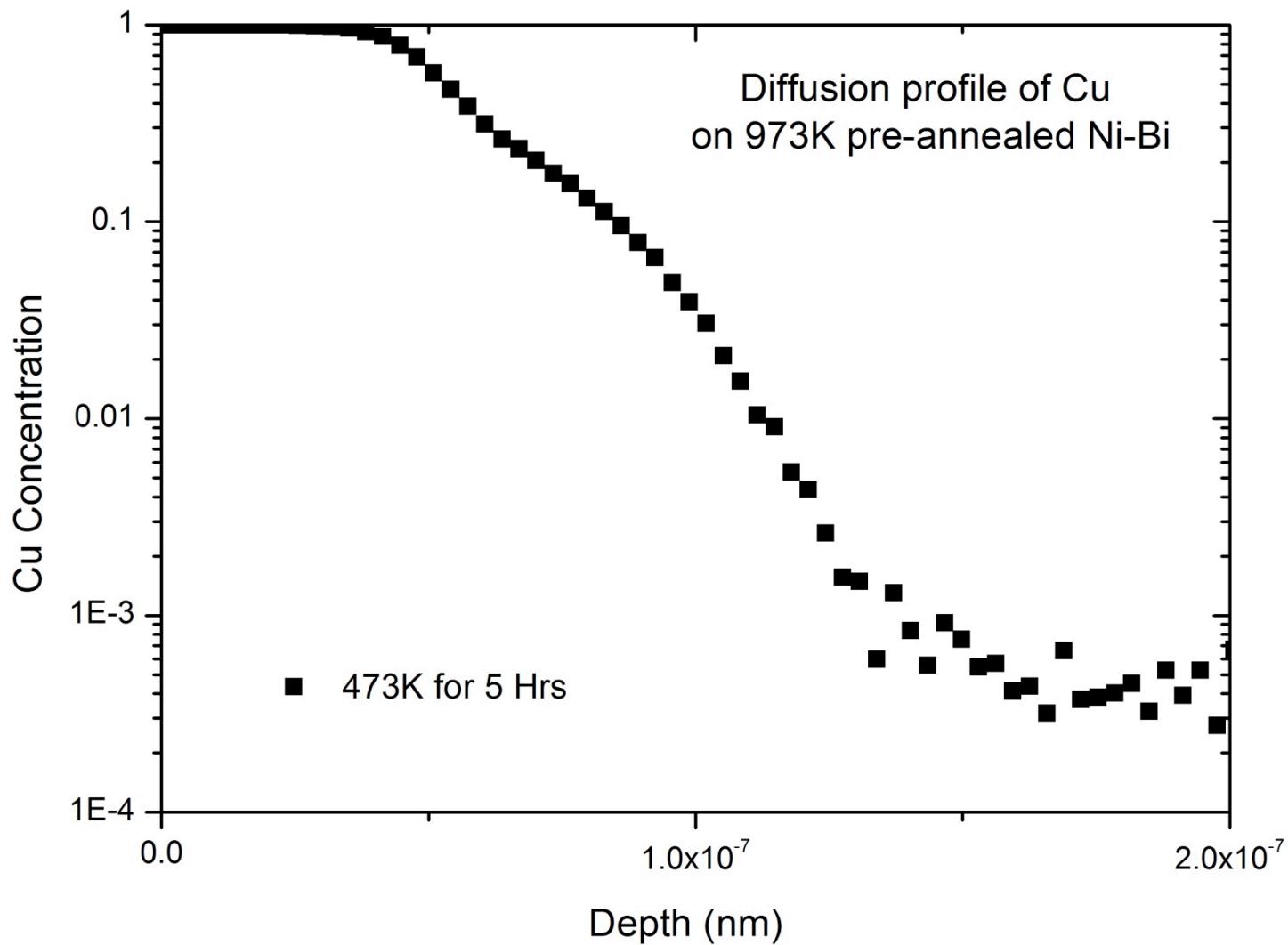




**Penetration profile obtained by SIMS for copper diffusion in Ni- Bi
annealed under 423K for 10 Hrs**



Penetration profile obtained by SIMS for copper diffusion in Ni- Bi annealed under 473K for 5 Hrs



Penetration profile obtained by SIMS for copper diffusion in Ni- Bi annealed at 523K for 2 Hrs

