

(a) Input data for Fe-Ni binary		
	Fe $\text{Fe-K}\alpha$	Ni $\text{Ni-K}\alpha$
μ/ρ Fe $K\alpha$ (cm^2/g) absorber	71.4	90
μ/ρ Ni $K\alpha$ (cm^2/g) absorber	397.6	58.9
A	55.847	58.71
E_c (keV)	7.11 6.403	8.332 7.48keV
C (wt fraction)	0.1	0.9

(b) Output data for 10wt%Fe-90wt%Ni binary					
Ψ (deg)	E_0 (kV)	$\frac{I_{\text{Fe-Ni}}^f}{I_{\text{Fe}}}$	F_{Fe}	A_{Fe}	A_{Ni}
52.5	15	0.263	0.792	1.002	1.005
15.5	15	0.168	0.856	1.008	1.015
52.5	30	0.346	0.743	1.011	1.023
15.5	30	0.271	0.787	1.030	1.065

Tabell 5.4, Fluorescens av Fe i en Ni-10W%Fe-legering.