

raie	E (keV)	Ge(331)	Ge(422)	Si(333)	Ge(440)	Si(440)	Ge(533)	Si(444)	Si(553)	Ge(660)	Si(660)	Si(555)	Ge(844)	Ge(880)	Si(880)	Si(777)	Ge(993)	Ge(10 10 0)	Si(888)
d (Å)		1.705	1.154	1.045	1.000	0.960	0.852	0.783	0.707	0.666	0.640	0.627	0.577	0.500	0.48	0.448	0.432	0.400	0.392
Ce L α 1	4.840	80.71																	
Ti K β 1	4.933	75.52																	
V K α 1	4.953	74.67																	
Ce L β 1	5.262	65.20																	
Cr K α 1	5.415		82.50																
V K β 1	5.428		81.53																
Mn K α 1	5.898		65.52																
Cr K β 1	5.947			85.89															
Fe K α 1	6.404			67.86	75.47														
Mn K β 1	6.490			66.05	72.77	84.21													
Co K α 1	6.930					68.71													
Fe K β 1	7.058					66.19													
Ni K α 1	7.478						73.93												
Co K β 1	7.649						69.95												
Cu K α 1	8.048							79.33											
Ni K β 1	8.265							73.12											
Zn K α 1	8.639							66.27											
Cu K β 1	8.905								79.93										
Ga K α 1	9.252								71.39										
Pt L α 1	9.442								68.22	79.99									
Zn K β 1	9.572								66.35	76.27									
Au L α 1	9.713									73.20	85.71								
Ge K α 1	9.886									70.14	78.45	89.35							
Hg L α 1	9.988									68.59	75.88	81.80							
Ga K β 1	10.264										70.68	74.39							
As K α 1	10.544										66.73	69.65							
Ge K β 1	10.982												77.87						
Pt L β 1	11.070												75.91						
Se K α 1	11.222												73.09						
Au L β 1	11.442												69.78						
As K β 1	11.726												66.30						
Hg L β 1	11.823												65.26						
Br K α 1	11.924												64.22						
Se K β 1	12.496													82.83					
Kr K α 1	12.649													78.57					
Br K β 1	13.291														68.87	76.33			
Rb K α 1	13.395														67.75	74.61			
U L α 1	13.614														65.60	71.56			
Kr K β 1	14.112															66.23	78.73		
Sr K α 1	14.165															77.70			
Y K α 1	14.958															67.70	73.33		
Rb K β 1	14.961															67.68	73.29		
Zr K α 1	15.7751																65.28	79.24	
Sr K β 1	15.8357																64.81	78.14	87.23
Nb K α 1	16.6151																	68.87	72.17
Y K β 1	16.7378																	67.81	70.91
U L β 1	17.22																	64.16	66.71

Nature of crystal depending of the fluorescence line, for a set of 7 crystals (Si110, Si111, Si553, Ge110, Ge422, Ge533 and Ge331) and a Bragg angle in the [64 - 90°] range