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M/D

X-Ray Absorption Coefficients of the Elements (Li to Bi, U)

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Appendix 1. Index for the absorption coefficient tables. Each number shows the page relevant to the element looked up. The atomic number is given in parentheses.

Element	Table I	Table II	<i>K</i>	Element	Table I	Table II			
						<i>K</i>	<i>L</i> ₁	<i>L</i> ₂	<i>L</i> ₃
H, He	142			Ru (44)	27	64			
Li (3)	7			Rh (45)	28	64			
Be (4)	7			Pd (46)	28	65			
B (5)	8			Ag (47)	29	65	84	103	122
C (6)	8			Cd (48)	29	66	85	104	123
N (7)	9			In (49)	30	66	85	104	123
O (8)	9			Sn (50)	30	67	86	105	124
F (9)	10			Sb (51)	31	67	86	105	124
Ne (10)	10			Te (52)	31	68	87	106	125
Na (11)	11			I (53)	32	68	87	106	125
Mg (12)	11	48		Xe (54)	32	69	88	107	126
Al (13)	12	48		Cs (55)	33	69	88	107	126
Si (14)	12	49		Ba (56)	33	70	89	108	127
P (15)	13	49		La (57)	34	70	89	108	127
S (16)	13	50		Ce (58)	34	71	90	109	128
Cl (17)	14	50		Pr (59)	35	71	90	109	128
Ar (18)	14	51		Nd (60)	35	72	91	110	129
K (19)	15	51		Pm (61)	36	72	91	110	129
Ca (20)	15	52		Sm (62)	36	73	92	111	130
Sc (21)	16	52		Eu (63)	37	73	92	111	130
Ti (22)	16	53		Gd (64)	37	74	93	112	131
V (23)	17	53		Tb (65)	38	74	93	112	131
Cr (24)	17	54		Dy (66)	38	75	94	113	132
Mn (25)	18	54		Ho (67)	39	75	94	113	132
Fe (26)	18	55		Er (68)	39	76	95	114	133
Co (27)	19	55		Tm (69)	40	76	95	114	133
Ni (28)	19	56		Yb (70)	40	77	96	115	134
Cu (29)	20	56		Lu (71)	41	77	96	115	134
Zn (30)	20	57		Hf (72)	41	78	97	116	135
Ga (31)	21	57		Ta (73)	42	78	97	116	135
Ge (32)	21	58		W (74)	42	79	98	117	136
As (33)	22	58		Re (75)	43	79	98	117	136
Se (34)	22	59		Os (76)	43	80	99	118	137
Br (35)	23	59		Ir (77)	44	80	99	118	137
Kr (36)	23	60		Pt (78)	44	81	100	119	138
Rb (37)	24	60		Au (79)	45	81	100	119	138
Sr (38)	24	61		Hg (80)	45	82	101	120	139
Y (39)	25	61		Tl (81)	46	82	101	120	139
Zr (40)	25	62		Pb (82)	46	83	102	121	140
Nb (41)	26	62		Bi (83)	47	83	102	121	140
Mo (42)	26	63		U (92)	47	84	103	122	141

ATOMIC SYMBOL = SN ATOMIC NUMBER = 50 ATOMIC WEIGHT = 118.69 L₂ ABSORPTION EDGE (2.98230 Å; 4.1571 KEV)

ATOMIC SYMBOL = SB ATOMIC NUMBER = 51 ATOMIC WEIGHT = 121.75 L₂ ABSORPTION EDGE (2.82940 Å; 4.3817 KEV)

ATOMIC SYMBOL = XE ATOMIC NUMBER = 54 ATOMIC WEIGHT = 131.29 L₂ ABSORPTION EDGE (2.42920 Å; 5.1036 KEV)

ATOMIC SYMBOL = CS ATOMIC NUMBER = 55 ATOMIC WEIGHT = 132.91 L₂ ABSORPTION EDGE (2.31390 Å) 5.3579 KEV

ATOMIC SYMBOL = GD ATOMIC NUMBER = 64 ATOMIC WEIGHT = 157.25 L₂ ABSORPTION EDGE (1.56320 Å) 7.9309 KEV

ATOMIC SYMBOL = TB ATOMIC NUMBER = 65 ATOMIC WEIGHT = 158.93 L₂ ABSORPTION EDGE (1.50230 Å; 8.2524 KEV)

ATOMIC SYMBOL = DY ATOMIC NUMBER = 66 ATOMIC WEIGHT = 162.50 L₂ ABSORPTION EDGE (1.44450 Å; 8.5827 KEV)

ATOMIC SYMBOL = HO ATOMIC NUMBER = 67 ATOMIC WEIGHT = 164.93 L₂ ABSORPTION EDGE (1.39050 Å) 8.9160 KEV)

ATOMIC SYMBOL = HF ATOMIC NUMBER = 72 ATOMIC WEIGHT = 178.49 L₂ ABSORPTION EDGE (1.15480 Å; 10.7357 KEV)

ATOMIC SYMBOL = TA ATOMIC NUMBER = 73 ATOMIC WEIGHT = 180.95 L₂ ABSORPTION EDGE (1.11370 Å; 11.1319 KEV)

ATOMIC SYMBOL = W ATOMIC NUMBER = 74 ATOMIC WEIGHT = 183.85 L₂ ABSORPTION EDGE (1.07450 Å) 11.5381 KEV

LAMBDA_L 0.2000 0.2001 0.2002 0.2003 0.2004 0.2005 0.2006 0.2007 0.2008

ATOMIC SYMBOL = OS ATOMIC NUMBER = 76 ATOMIC WEIGHT = 190.20 L₂ ABSORPTION EDGE (1.00140 Å; 12.3803 KEV)

ATOMIC SYMBOL = IR ATOMIC NUMBER = 77 ATOMIC WEIGHT = 192.22 L₂ ABSORPTION EDGE (0.96710 Å; 12.8194 KEV)

