Relative Abundances of Stable Isotopes [%]

Z		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	H	100	.015																														H
2	He			.000	100																												He
3	Li						7.5	92.5																									Li
4	Be									100																							Be
5	B										20	80																					B
6	C												98.9	1.11																			C
7	N														99.6	.360																	N
8	O																99.8	.040	.200														O
9	F																			100													F
10	Ne																				90.5	.270	9.22										Ne
11	Na																							100									Na
12	Mg																								79	10	11						Mg
13	Al																											100					Al
14	Si																												92.2	4.67	3.1		Si
15	P																															100	P

Z		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58					
16	S	95	.760	4.22		.020																											S
17	Cl				75.8		24.2																										Cl
18	Ar					.340		.070		99.6																							Ar
19	K								93.3	.010	6.73																						K
20	Ca									96.9		.647	.135	2.09		.004		.187															Ca
21	Sc														100																		Sc
22	Ti															8	7.5	73.7	5.5	5.3													Ti
23	V																			.250	99.8												V
24	Cr																			4.35		83.8	9.5	2.36									Cr
25	Mn																								100								Mn
26	Fe																							5.8		91.8	2.1	.300					Fe

Z		58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82							
26	Fe *	.300																															Fe *
27	Co		100																														Co
28	Ni	68.3		26.1	1.13	3.59		.910																									Ni
29	Cu						69.2		30.8																								Cu
30	Zn							48.6		27.9	4.1	18.8		.600																			Zn
31	Ga												60		40																		Ga
32	Ge													20.5		27.4	7.8	36.5		7.8													Ge
33	As																		100														As
34	Se																	.900		9	7.6	23.5		49.8		9.2							Se

Z		78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104					
34	Se *	23.5		49.8		9.2																											Se *
35	Br		50.7		49.3																												Br
36	Kr	.350		2.25		11.6	11.5	56.9		17.4																							Kr
37	Rb								72.2		27.8																						Rb
38	Sr							.500		9.9	7	82.6																					Sr
39	Y												100																				Y
40	Zr													51.4	11.2	17.1		17.5		2.8													Zr
41	Nb																100																Nb
42	Mo															14.8		9.3	15.9	16.7	9.6	24.1		9.6									Mo
44	Ru																			5.5		1.9	12.7	12.6	17.1	31.6		18.6					Ru
45	Rh																										100						Rh

Z		102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130			
44	Ru *	31.6		18.6																													Ru *
45	Rh		100																														Rh
46	Pd	1		11	22.2	27.3		26.7		11.8																							Pd
47	Ag						51.8		48.2																								Ag
48	Cd					1.2		.900		12.4	12.8	24	12.3	28.8		7.6																	Cd
49	In												4.3		95.7																		In
50	Sn											1		.700	.400	14.7	7.7	24.3	8.6	32.4		4.6		5.6									Sn
51	Sb																				57.3		42.7										Sb
52	Te																			.100		2.5	.900	4.6	7	18.7		31.7		34.5			Te
53	I																										100						I

Z		124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	
50	Sn *	5.6																															Sn *
52	Te *	4.6	7	18.7		31.7		34.5																									Te *
53	I				100																												I
54	Xe	.100		.100		1.9	26.4	4.1	21.2	26.9		10.4		8.9																			Xe
55	Cs										100																						Cs
56	Ba							.100		.100		2.4	6.6	7.9	11.2	71.7																	Ba
57	La															.090	99.9																La
58	Ce													.200		.300		88.4		11.1													Ce
59	Pr																		100														Pr
60	Nd																			27.2	12.2	23.8	8.3	17.2		5.7		5.6					Nd
62	Sm																					3.1			15.1	11.3	13.9	7.4		26.6		22.6	Sm
63	Eu																												47.8		52.2		Eu

Z		152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180			
62	Sm *	26.6		22.6																													Sm *
63	Eu *		52.2																														Eu *
64	Gd	.200		2.2	14.8	20.5	15.7	24.8		21.8																							Gd
65	Tb								100																								Tb
66	Dy					.060		.100		2.34	18.9	25.5	24.9	28.2																			Dy
67	Ho														100																		Ho
68	Er											.100		1.6		33.4	22.9	27		15													Er
69	Tm																		100														Tm
70	Yb																	.100		3.1	14.3	21.9	16.2	31.7		12.7							Yb
71	Lu																								97.4	2.6							Lu
72	Hf																							.200		5.2	18.5	27.1	13.8	35.2			Hf

Z		180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209		
72	Hf *	35.2																															Hf *
73	Ta	.012	100																														Ta
74	W	.100		26.3	14.3	30.7		28.6																									W
75	Re						37.4		62.6																								Re
76	Os					.020		1.58	1.6	13.3	16.1	26.4		41																			Os
77	Ir												37.3		62.7																		Ir
78	Pt											.010		.790		32.9	33.8	25.3		7.2													Pt
79	Au																		100														Au
80	Hg																	.200		10.1	16.9	23.1	13.2	29.7		6.8							Hg
81	Tl																								29.5		70.5						Tl
82	Pb																									1.4		24.1	22.1	52.4			Pb
83	Bi																														100		Bi

* = incomplete (not all isotopes are shown in the same line)

FJ Stadermann 07/2010