

TABLE OF SELECTED RADIO ISOTOPES

¹ 0n	1	(15.3min)β ⁻	²⁹ Cu	67	(61.88h) β ⁻	⁵¹ Sb	124	(60.20) β ⁻	⁷⁴ W	181	(140d)EC	⁹¹ Pa	231	(3.28x10 ⁴ y)α
¹ H	3	(12.26y) β ⁻	³⁰ Zn	65	(244.1d) β ⁺ ,EC		125	(2.7y) β ⁻		185	(75.1d) β ⁻	⁹² U	233	(1.59x10 ⁵ y)α
⁶ Be	7	(53.3d) EC	³¹ Ga	67	(78.2h)EC	⁵² Te	121m	(154d)IT		188	(69d)β ⁻		234	(2.44x10 ⁵ y)α
	10	(1.6 x 10 ⁶ y) β ⁻		72	(14.10h) β ⁻		123m	(119.7d)IT	⁷⁵ Re	187	(5x10 ¹⁰ y)β ⁻		235	(7.04x10 ⁸ y)α
⁶ C	11	(20.4min) β ⁺	³² Ge	68	(275da)EC		127m	(109d)IT	⁷⁶ Os	194	(6.0y)β ⁻		236	(2.34x10 ⁷ y)α
	14	(5730y) β ⁻	³³ As	73	(80.3d)EC	⁵³ I	129	(1.6 x 10 ⁷ y) β ⁻ ?	⁷⁷ Ir	192	(74.2d)β ⁰ ,β ⁺ ,EC		238	(4.47x10 ⁹ y)α
⁹ F	18	(109.8min) β ⁺		74	(17.9d) β ⁻ , β ⁺ , EC		131	(8.040d) β ⁻	⁷⁹ Au	195	(183d)EC	⁹³ Np	236	(1.1x10 ⁵ y)EC, β ⁻
¹¹ Na	22	(2.602y) β ⁺	³⁴ Se	75	(118.5d) β ⁻	⁵⁴ Xe	133	(5.25d) β ⁻		196	(6.18d)β ⁰ ,β ⁺ ,EC		237	(2.14x10 ⁴ y)α
	24	(15.02h) β ⁻		79	(6.5x10 ⁴ y) β ⁻		135	(9.1h) β ⁻		198	(2.696d)β ⁻		239	(2.346d)β ⁻
¹² Mg	28	(20.9h) β ⁻	³⁵ Br	82	(35.34h) β ⁻	⁵⁵ Cs	134	(2.06y) β ⁻		199	(3.15d)β ⁻	⁹⁴ Pu	238	(87.75y)α
¹³ Al	26	(7.2 x 10 ⁵ y) β ⁺ , EC	³⁶ Kr	81	(2.1x10 ⁵ y)EC		135	(2.9 x 10 ⁶ y) β ⁻	⁸⁰ Hg	203	(46.8d)β ⁻		239	(2.41x10 ⁴ y)α
¹⁵ P	32	(14.26d) β ⁻		85	(10.72y) β ⁻		137	(30.17y) β ⁻	⁸¹ Tl	204	(3.77y)β ⁻		240	(6.54x10 ³ y)α
¹⁶ S	35	(87.2d) β ⁻	³⁷ Rb	86	(18.7d) β ⁻	⁵⁶ Ba	140	(12.8d) β ⁻	⁸² Pb	202	(3x10 ¹⁰ y)EC		242	(3.8x10 ⁵ y)α
¹⁷ Cl	36	(3.01x10 ⁵ y) β ⁻		87	(4.8x10 ¹¹ y) β ⁻	⁵⁷ La	137	(6 x 10 ⁴ y)EC		205	(3x10 ⁷ y)EC		244	(3.8x10 ⁷ y)α
	38	(37.2min) β ⁻	³⁸ Sr	90	(28.8y) β ⁻		140	(40.3h) β ⁻		210	(22.3y)β ⁻ ,α	⁹⁵ Am	241	(432y)α
¹⁸ Ar	37	(35.02d)EC	³⁹ Y	88	(106.6d) β ⁺ , EC	⁵⁸ Ce	144	(284d) β ⁻	⁸³ Bi	207	(38y)EC		243	(7.37x10 ³ y)α
	39	(265y) β ⁻	⁴⁰ Zr	93	(1.5x10 ⁴ y) β ⁻	⁵⁹ Pr	142	(19.1h) β ⁻		208	(3.7x10 ⁵ y)EC	⁹⁶ Cm	242	(163.2d)α
¹⁹ K	40	(1.28x10 ⁹ y)EC		95	(64d) β ⁻	⁶⁰ Nd	147	(11.1d) β ⁻		210	(5.01d)β ⁻ ,α		244	(18.12y)α
	42	(12.36h) β ⁻	⁴¹ Nb	94	(2.0x10 ⁴ y) β ⁻	⁶¹ Pm	145	(18y)EC		210m	(3x10 ⁴ y)α		247	(1.55x10 ⁷ y)α
²⁰ Ca	45	(165d) β ⁻		95	(35.15d) β ⁻		147	(2.62y) β ⁻	⁸⁴ Po	208	(2.90y)α		248	(3.5x10 ³ y)α
²¹ Sc	46	(83.8d) β ⁻	⁴² Mo	99	(66.02d) β ⁻	⁶² Sm	146	(7 x 10 ⁷ y)α		209	(102y)α	⁹⁷ Bk	247	(1.4x10 ³ y)α
²² Cr	51	(27.7d) β ⁻	⁴³ Tc	97	(2.6x10 ⁶ y)EC		151	(93y) β ⁻		210	(138.38d)α	⁹⁸ Cf	249	(351y)α
²³ Mn	53	(2x10 ⁴ y)EC		98	(4.2x10 ⁶ y) β ⁻	⁶³ Eu	152	(13y) β ⁺ ,EC, β ⁻	⁸⁵ At	209	(5.4h)EC, α		251	(900y)α
	54	(313d)EC		99	(2.13x10 ⁵ y) β ⁻		154	(8.5y) β ⁻		210	(8.1h)EC	⁹⁹ Es	252	(472d)α
	56	(2.578h)EC	⁴⁴ Ru	106	(367d) β ⁻	⁶⁴ Gd	150	(2.1 x 10 ⁶ y)α		211	(7.21h)EC, α		253	(20.47d)α
²⁶ Fe	59	(44.6d) β ⁻	⁴⁵ Rh	101	(3.3y) β ⁻	⁶⁵ Tb	158	(1.2x10 ³ y)EC, β ⁻	⁸⁶ Rn	222	(3.824d)α		254	(276d)α
²⁷ Co	56	(78.8d) β ⁺ , EC	⁴⁶ Pd	103	(17d) EC		160	(72.3d) β ⁻	⁸⁷ Fr	212	(19.3min)EC, α	¹⁰⁰ Fm	255	(20.1h)α
	57	(270d)EC			(7x10 ⁶)	⁶⁷ Ho	166	(1.2x10 ³ y) β ⁻		222	(15min)β ⁻		257	(100.5d)α
	58	(71.3d) β ⁺ , EC	⁴⁷ Ag	108	(127y)EC	⁶⁹ Tm	170	(128.6d) β ⁻		223	(21.8min)β ⁻	¹⁰¹ Md	258	(55d)α
	60	(5.278y) β ⁻		110	(252d) β ⁻		171	(1.92y) β ⁻	⁸⁸ Ra	226	(1.60x10 ³ y)α	¹⁰² No	259	(58 min)α
²⁸ Ni	57	(36.0h) β ⁺ ,EC		111	(7.45d) β ⁻	⁷⁰ Yb	169	(32.0d)EC	⁸⁹ Ac	227	(21.77y)β ⁻	¹⁰³ Lr	260	(3.0 min)α
	59	(8x10 ⁶ y)EC	⁴⁸ Cd	109	(453d)EC		175	(4.19d) β ⁻	⁹⁰ Th	228	(1.913y)α	104	261	(65s)α
	63	(92y) β ⁻	⁴⁹ In	114	(49.51) IT	⁷¹ Lu	176	(3.7 x 10 ¹⁰ y) β ⁻		230	(7.7x10 ⁴ y)α	105	262	(40s)α
²⁹ Cu	64	(12.7h) β ⁻ ,β ⁺ ,EC	⁵⁰ Sn	121	(76y) β ⁻	⁷³ Ta	182	(115.0d) β ⁻		232	(1.40x10 ¹⁰ y)α	106	263	(0.9s)α