

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +57

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1727.57}{-}$	At ₈₅ ²²⁷	$\frac{227.04092}{-}$	85n	2+0	8+0	16+1	0+16	0+20	1+20	1+0	$\frac{2.900M}{\beta^- >300ns}$
$\frac{1741.29}{-}$	Rn ₈₆ ²²⁹	$\frac{229.04268}{-}$	86n	2+0	8+0	18+0	0+16	0+21	1+19	0+1	$\frac{2.700M}{\beta^- 12.0s}$
$\frac{1754.24}{1754.1}$	Fr ₈₇ ²³¹	$\frac{231.04527}{231.04544}$	87n	2+0	8+0	18+0	0+16	1+21	1+19	0+1	$\frac{2.700M}{\beta^- 17.6s}$
$\frac{1767.14}{1767.0}$	Ra ₈₈ ²³³	$\frac{233.04791}{233.04806}$	88n	2+0	8+0	18+0	2+15	0+22	1+19	0+1	$\frac{2.800M}{\beta^- 30.0s}$
$\frac{1779.26}{1779.4}$	Ac ₈₉ ²³⁵	$\frac{235.05139}{235.05123}$	89n	2+0	8+0	18+0	2+15	0+22	1+20	1+0	$\frac{2.920M}{\beta^- 60.0s}$
$\frac{1792.05}{1792.3}$	Th ₉₀ ²³⁷	$\frac{237.05415}{237.05389}$	90n	2+0	8+0	18+0	2+15	1+22	1+20	1+0	$\frac{3.190M}{\beta^- 4.70m}$
$\frac{1804.80}{1804.5}$	Pa ₉₁ ²³⁹	$\frac{239.05695}{239.05726}$	91n	2+0	8+0	18+0	4+14	0+23	1+20	1+0	$\frac{3.280M}{\beta^- 1.80h}$
$\frac{1817.50}{1817.0}$	U ₉₂ ²⁴¹	$\frac{241.05981}{241.06033}$	92n	2+0	8+0	18+0	4+14	1+23	1+20	1+0	$\frac{3.570M}{\beta^- 5m}$
$\frac{1829.02}{1828.7}$	Np ₉₃ ²⁴³	$\frac{243.06393}{243.06428}$	93n	2+0	8+0	18+0	8+12	0+24	0+20	0+1	$\frac{4.110M}{\beta^- 1.85m}$
$\frac{1840.11}{1840.8}$	Pu ₉₄ ²⁴⁵	$\frac{245.06851}{245.067747}$	94n	2+0	8+0	18+0	8+12	1+23	0+22	0+0	$\frac{4.600M}{\beta^- 10.5h}$
$\frac{1852.64}{1852.1}$	Am ₉₅ ²⁴⁷	$\frac{247.07155}{247.072093}$	95n	2+0	8+0	18+0	10+11	0+24	0+22	0+0	$\frac{4.850M}{\beta^- 23.0m}$
$\frac{1863.21}{1863.9}$	Cm ₉₆ ²⁴⁹	$\frac{249.07669}{249.075956}$	96n	2+0	8+0	18+0	10+11	0+24	1+22	0+0	$\frac{5.147M}{\beta^- 64.15m}$
$\frac{1875.63}{1874.8}$	Bk ₉₇ ²⁵¹	$\frac{251.07985}{251.08076}$	97n	2+0	8+0	18+0	10+11	1+24	1+22	0+0	$\frac{5.650M}{\beta^- 55.6m}$
$\frac{1886.08}{1886.1}$	Cf ₉₈ ²⁵³	$\frac{253.08512}{253.08510}$	98n	2+0	8+0	18+0	12+10	1+24	0+23	0+0	$\frac{6.126M}{\beta^- 17.81d}$
$\frac{1896.46}{1896.7}$	Es ₉₉ ²⁵⁵	$\frac{255.09047}{255.09021}$	99n	2+0	8+0	18+0	12+10	1+24	1+23	0+0	$\frac{6.4363M}{\beta^- 39.8d}$
$\frac{1908.71}{1907.5}$	Fm ₁₀₀ ²⁵⁷	$\frac{257.09381}{257.09511}$	100n	2+0	8+0	18+0	14+9	0+25	1+23	0+0	$\frac{6.8635M}{\alpha 100.5d}$
$\frac{1917.03}{1917.8}$	Md ₁₀₁ ²⁵⁹	$\frac{259.10137}{259.10054}$	101n	2+0	8+0	18+0	14+9	1+24	1+24	0+0	$\frac{7.110M}{FS 96.0m}$

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$\frac{1929.16}{1928.3}$	No ₁₀₂ ²⁶¹	$\frac{261.10484}{261.10575}$	102n	2+0	8+0	18+0	16+8	0+25	1+24	0+0	$\frac{7.500\text{M}}{\alpha 3\text{h}}$
$\frac{1939.28}{1938.5}$	Lw ₁₀₃ ²⁶³	$\frac{263.11046}{263.11130}$	103n	2+0	8+0	18+0	18+7	0+25	0+25	0+0	$\frac{7.600\text{M}}{\alpha 5\text{h}}$
$\frac{1949.34}{1948.8}$	Rf ₁₀₄ ²⁶⁵	$\frac{265.11615}{265.11673}$	104n	2+0	8+0	18+0	18+7	0+25	1+25	0+0	$\frac{7.900\text{M}}{FS 13\text{h}}$
$\frac{1959.34}{1958.9}$	Db ₁₀₅ ²⁶⁷	$\frac{267.12191}{267.12238}$	105n	2+0	8+0	18+0	20+6	0+25	0+26	0+0	$\frac{8.100\text{M}}{FS 73.0\text{m}}$
$\frac{1969.26}{-}$	Sg ₁₀₆ ²⁶⁹	$\frac{269.12775}{-}$	106n	2+0	8+0	18+0	20+6	0+25	1+26	0+0	$\frac{8.700\text{M}}{\alpha 35\text{s}}$
$\frac{1977.17}{1977.7}$	Bh ₁₀₇ ²⁷¹	$\frac{271.13575}{271.13518}$	107n	2+0	8+0	18+0	22+5	1+24	1+27	0+0	$\frac{9.200\text{M}}{\alpha 40\text{s}}$
$\frac{1986.95}{-}$	Hs ₁₀₈ ²⁷³	$\frac{273.14174}{-}$	108n	2+0	8+0	18+0	22+5	1+24	0+28	0+0	$\frac{9.730\text{M}}{\alpha 50\text{s}}$
$\frac{1996.28}{1995.9}$	Mt ₁₀₉ ²⁷⁵	$\frac{275.14821}{275.14865}$	109n	2+0	8+0	18+0	24+4	0+25	0+27	0+1	$\frac{10.12\text{M}}{\alpha 9.70\text{ms}}$
$\frac{2004.00}{2004.7}$	Ds ₁₁₀ ²⁷⁷	$\frac{277.15641}{277.15564}$	110n	2+0	8+0	18+0	24+4	1+24	0+28	0+1	$\frac{10.73\text{M}}{\alpha}$
$\frac{2013.50}{2013.7}$	Rg ₁₁₁ ²⁷⁹	$\frac{279.16270}{279.16247}$	111n	2+0	8+0	18+0	24+4	1+24	1+28	0+1	$\frac{10.52\text{M}}{\alpha 0.17\text{s}}$
$\frac{2023.10}{-}$	Uu ₁₁₂ ²⁸¹	$\frac{281.16889}{-}$	112n	2+0	8+0	18+0	26+3	1+24	0+29	0+1	$\frac{10.46\text{M}}{\alpha}$
$\frac{2031.80}{2031.4}$	Uu ₁₁₃ ²⁸³	$\frac{283.17604}{283.17645}$	113n	2+0	8+0	18+0	26+3	0+24	1+30	1+0	$\frac{10.27\text{M}}{\alpha 100\text{ms}}$
$\frac{2040.00}{-}$	Uu ₁₁₄ ²⁸⁵	$\frac{285.18372}{-}$	114n	2+0	8+0	18+0	28+2	0+24	1+30	0+1	$\frac{10.66\text{M}}{\alpha}$
$\frac{2048.50}{2048.4}$	Uu ₁₁₅ ²⁸⁷	$\frac{287.19109}{287.19119}$	115n	2+0	8+0	18+0	28+2	1+23	0+32	1+0	$\frac{10.74\text{M}}{\alpha 32.0\text{ms}}$
$\frac{2055.80}{-}$	Uu ₁₁₆ ²⁸⁹	$\frac{289.19974}{-}$	116n	2+0	8+0	18+0	30+1	0+23	0+33	1+0	$\frac{11.10\text{M}}{-}$
$\frac{2065.00}{2064.8}$	Uu ₁₁₇ ²⁹¹	$\frac{291.20636}{291.20656}$	117n	2+0	8+0	18+0	30+1	0+23	1+33	1+0	$\frac{11.40\text{M}}{\alpha}$
$\frac{2072.10}{-}$	Uu ₁₁₈ ²⁹³	$\frac{293.21522}{-}$	118n	2+0	8+0	18+0	30+1	1+22	1+34	1+0	$\frac{12.02\text{M}}{-}$

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$\frac{2082.00}{-}$	Uu_{119}^{295}	$\frac{295.22109}{-}$	119n	2+0	8+0	18+0	32+0	2+22	0+34	0+1	$\frac{11.29M}{-}$
$\frac{2092.20}{-}$	Uu_{120}^{297}	$\frac{297.22663}{-}$	120n	2+0	8+0	18+0	32+0	2+22	0+35	1+0	$\frac{8.202M}{-}$