

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +56

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1712.56}{-}$	Po ²²⁴ ₈₄	$\frac{224.03188}{-}$	84n	2+0	8+0	18+0	0+16	0+21	0+18	0+1	$\frac{3.400M}{\beta^- > 300ns}$
$\frac{1723.03}{-}$	At ²²⁶ ₈₅	$\frac{226.03713}{-}$	85n	2+0	8+0	16+1	0+16	1+20	1+19	1+0	$\frac{3.300M}{\beta^- > 300ns}$
$\frac{1737.85}{-}$	Rn ²²⁸ ₈₆	$\frac{228.03771}{-}$	86n	2+0	8+0	18+0	0+16	1+21	0+19	1+0	$\frac{3.100M}{\beta^- 65.0s}$
$\frac{1748.95}{1748.7}$	Fr ²³⁰ ₈₇	$\frac{230.04229}{230.04251}$	87n	2+0	8+0	18+0	0+16	1+21	1+19	1+0	$\frac{2.900M}{\beta^- 19.1s}$
$\frac{1763.68}{1763.0}$	Ra ²³² ₈₈	$\frac{232.04296}{232.04364}$	88n	2+0	8+0	18+0	2+15	1+22	0+19	1+0	$\frac{2.820M}{\beta^- 4.20m}$
$\frac{1774.68}{1774.0}$	Ac ²³⁴ ₈₉	$\frac{234.04764}{234.04842}$	89n	2+0	8+0	18+0	2+15	1+22	1+19	1+0	$\frac{3.120M}{\beta^- 44.0s}$
$\frac{1789.33}{1788.97}$	Th ²³⁶ ₉₀	$\frac{236.04841}{236.04987}$	90n	2+0	8+0	18+0	4+14	1+23	0+19	1+0	$\frac{3.530M}{\beta^- 37.3m}$
$\frac{1799.09}{1799.0}$	Pa ²³⁸ ₉₁	$\frac{238.05442}{238.05450}$	91n	2+0	8+0	18+0	6+13	1+23	0+19	0+1	$\frac{3.300M}{\beta^- 2.27m}$
$\frac{1812.90}{1812.4}$	U ²⁴⁰ ₉₂	$\frac{240.05608}{240.056592}$	92n	2+0	8+0	18+0	6+13	0+24	1+19	1+0	$\frac{3.840M}{\beta^- 14.1h}$
$\frac{1822.92}{1823.08}$	Np ²⁴² ₉₃	$\frac{242.06181}{242.06164}$	93n	2+0	8+0	18+0	8+12	1+23	0+21	0+0	$\frac{4.220M}{\beta^- 2.20m}$
$\frac{1835.49}{1836.1}$	Pu ²⁴⁴ ₉₄	$\frac{244.06481}{244.064204}$	94n	2+0	8+0	18+0	10+11	0+24	0+21	0+0	$\frac{4.6655M}{\alpha 8.0 \cdot 10^7 a}$
$\frac{1846.12}{1846.2}$	Am ²⁴⁶ ₉₅	$\frac{246.06989}{246.069775}$	95n	2+0	8+0	18+0	10+11	0+24	1+21	0+0	$\frac{5.150M}{\beta^- 39.0m}$
$\frac{1858.58}{1859.2}$	Cm ²⁴⁸ ₉₆	$\frac{248.07300}{248.072337}$	96n	2+0	8+0	18+0	10+11	1+24	1+21	0+0	$\frac{5.16173M}{\alpha 3.48 \cdot 10^5 a}$
$\frac{1869.08}{1869.0}$	Bk ²⁵⁰ ₉₇	$\frac{250.07822}{250.07831}$	97n	2+0	8+0	18+0	12+10	1+24	0+22	0+0	$\frac{5.532M}{\beta^- 3.212h}$
$\frac{1881.43}{1881.3}$	Cf ²⁵² ₉₈	$\frac{252.08145}{252.08159}$	98n	2+0	8+0	18+0	14+9	0+25	0+22	0+0	$\frac{6.21687M}{\alpha 2.645a}$
$\frac{1889.88}{1890.7}$	Es ²⁵⁴ ₉₉	$\frac{254.08887}{254.08799}$	99n	2+0	8+0	18+0	14+9	1+24	0+23	0+0	$\frac{6.6157M}{\alpha 275.7d}$
$\frac{1902.11}{1902.5}$	Fm ²⁵⁶ ₁₀₀	$\frac{256.09223}{256.09181}$	100n	2+0	8+0	18+0	16+8	0+25	0+23	0+0	$\frac{7.027M}{FS 157.6m}$

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$\frac{1912.35}{1911.7}$	Md ₁₀₁ ²⁵⁸	$\frac{258.09773}{258.09843}$	101n	2+0	8+0	18+0	16+8	0+25	1+23	0+0	$\frac{7.2713\text{M}}{\alpha 51.5\text{d}}$
$\frac{1922.53}{1923.1}$	No ₁₀₂ ²⁶⁰	$\frac{260.10329}{260.10264}$	102n	2+0	8+0	18+0	18+7	0+25	0+24	0+0	$\frac{7.700\text{M}}{FS 106\text{ms}}$
$\frac{1932.64}{1932.0}$	Lw ₁₀₃ ²⁶²	$\frac{262.10893}{262.10961}$	103n	2+0	8+0	18+0	18+7	0+25	1+24	0+0	$\frac{7.850\text{M}}{ce 4\text{h}}$
$\frac{1942.69}{1943.3}$	Rf ₁₀₄ ²⁶⁴	$\frac{264.11463}{264.11397}$	104n	2+0	8+0	18+0	20+6	0+25	0+25	0+0	$\frac{8.100\text{M}}{\alpha 4\text{h}}$
$\frac{1952.67}{1952.1}$	Db ₁₀₅ ²⁶⁶	$\frac{266.12040}{266.12103}$	105n	2+0	8+0	18+0	20+6	0+25	1+25	0+0	$\frac{8.300\text{M}}{FS 20\text{m}}$
$\frac{1962.59}{1963.2}$	Sg ₁₀₆ ²⁶⁸	$\frac{268.12624}{268.12560}$	106n	2+0	8+0	18+0	22+5	0+25	0+26	0+0	$\frac{8.300\text{M}}{\alpha 30\text{s}}$
$\frac{1970.48}{-}$	Bh ₁₀₇ ²⁷⁰	$\frac{270.13426}{-}$	107n	2+0	8+0	18+0	24+4	1+24	0+27	0+0	$\frac{9.060\text{M}}{\alpha 60\text{s}}$
$\frac{1982.22}{1981.4}$	Hs ₁₀₈ ²⁷²	$\frac{272.13815}{272.13906}$	108n	2+0	8+0	18+0	24+4	0+25	0+27	0+0	$\frac{9.800\text{M}}{\alpha 40\text{s}}$
$\frac{1989.56}{1988.9}$	Mt ₁₀₉ ²⁷⁴	$\frac{274.14676}{274.14749}$	109n	2+0	8+0	18+0	24+4	0+25	1+26	0+1	$\frac{10.51\text{M}}{\alpha 0.44\text{s}}$
$\frac{1999.21}{1999.1}$	Ds ₁₁₀ ²⁷⁶	$\frac{276.15289}{276.15303}$	110n	2+0	8+0	18+0	26+3	0+25	0+27	0+1	$\frac{10.68\text{M}}{\alpha}$
$\frac{2006.80}{2006.5}$	Rg ₁₁₁ ²⁷⁸	$\frac{278.16123}{278.16160}$	111n	2+0	8+0	18+0	26+3	1+24	0+28	0+1	$\frac{10.85\text{M}}{\alpha 4.20\text{ms}}$
$\frac{2016.30}{2016.7}$	Uu ₁₁₂ ²⁸⁰	$\frac{280.16752}{280.16704}$	112n	2+0	8+0	18+0	26+3	1+24	1+28	0+1	$\frac{10.73\text{M}}{FS}$
$\frac{2023.80}{-}$	Uu ₁₁₃ ²⁸²	$\frac{282.17596}{-}$	113n	2+0	8+0	18+0	28+2	0+24	1+29	0+1	$\frac{10.78\text{M}}{\alpha 70.0\text{ms}}$
$\frac{2033.20}{-}$	Uu ₁₁₄ ²⁸⁴	$\frac{284.18236}{-}$	114n	2+0	8+0	18+0	30+1	0+24	0+30	0+1	$\frac{11.39\text{M}}{-}$
$\frac{2039.70}{-}$	Uu ₁₁₅ ²⁸⁶	$\frac{286.19187}{-}$	115n	2+0	8+0	18+0	30+1	0+23	0+32	1+0	$\frac{12.39\text{M}}{-}$
$\frac{2049.00}{-}$	Uu ₁₁₆ ²⁸⁸	$\frac{288.19838}{-}$	116n	2+0	8+0	18+0	30+1	0+23	1+32	1+0	$\frac{12.49\text{M}}{-}$
$\frac{2056.10}{-}$	Uu ₁₁₇ ²⁹⁰	$\frac{290.20725}{-}$	117n	2+0	8+0	18+0	30+1	1+22	1+33	1+0	$\frac{11.89\text{M}}{-}$

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$\frac{2063.20}{-}$	Uu_{118}^{292}	$\frac{292.21611}{-}$	118n	2+0	8+0	18+0	32+0	0+22	1+34	1+0	$\frac{14.08M}{-}$
$\frac{2075.10}{-}$	Uu_{119}^{294}	$\frac{294.21983}{-}$	119n	2+0	8+0	18+0	32+0	2+22	1+33	0+1	$\frac{9.291M}{-}$
$\frac{2085.40}{-}$	Uu_{120}^{296}	$\frac{296.22526}{-}$	120n	2+0	8+0	18+0	32+0	2+22	1+34	1+0	$\frac{6.097M}{-}$