

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +49

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1594.50}{-}$	Ir_{77}^{203}	$\frac{202.98254}{-}$	77n	2+0	8+0	16+1	0+16	1+22	0+10	1+0	$\frac{-}{\beta^-}$
$\frac{1608.78}{-}$	Pt_{78}^{205}	$\frac{204.98370}{-}$	78n	2+0	8+0	18+0	0+16	1+23	0+9	0+1	$\frac{-}{\beta^- > 300\text{ns}}$
$\frac{1623.32}{-}$	Au_{79}^{207}	$\frac{206.98458}{-}$	79n	2+0	8+0	18+0	0+16	0+24	1+9	1+0	$\frac{-501\text{K}}{\beta^- > 300\text{ns}}$
$\frac{1632.78}{1632.7}$	Hg_{80}^{209}	$\frac{208.99092}{208.99104}$	80n	2+0	8+0	18+0	2+15	0+24	0+9	1+1	$\frac{1.900\text{M}}{\beta^- 35.0\text{s}}$
$\frac{1645.33}{1645.8}$	Tl_{81}^{211}	$\frac{210.99393}{210.99348}$	81n	2+0	8+0	18+0	4+14	0+24	0+10	0+1	$\frac{2.400\text{M}}{\beta^- 30\text{s}}$
$\frac{1658.48}{1658.2}$	Pb_{82}^{213}	$\frac{212.99631}{212.996581}$	82n	2+0	8+0	18+0	4+14	1+24	0+10	0+1	$\frac{2.920\text{M}}{\beta^- 10.2\text{m}}$
$\frac{1669.72}{1668.7}$	Bi_{83}^{215}	$\frac{215.000728}{215.001770}$	83n	2+0	8+0	18+0	4+14	1+24	1+10	0+1	$\frac{5.170\text{M}}{\beta^- 7.60\text{m}}$
$\frac{1680.18}{1679.9}$	Po_{84}^{217}	$\frac{217.00599}{217.006335}$	84n	2+0	8+0	18+0	6+13	0+24	0+12	1+0	$\frac{6.6621\text{M}}{\alpha 1.53\text{s}}$
$\frac{1691.31}{1690.7}$	At_{85}^{219}	$\frac{219.01053}{219.011162}$	85n	2+0	8+0	18+0	6+13	0+24	1+12	1+0	$\frac{6.324\text{M}}{\alpha 56.0\text{s}}$
$\frac{1701.67}{1702.0}$	Rn_{86}^{221}	$\frac{221.01590}{221.015537}$	86n	2+0	8+0	18+0	8+12	1+23	0+14	0+0	$\frac{6.1625\text{M}}{\beta^- 25.0\text{m}}$
$\frac{1714.52}{1713.5}$	Fr_{87}^{223}	$\frac{223.01859}{223.019736}$	87n	2+0	8+0	18+0	10+11	0+24	0+14	0+0	$\frac{5.562\text{M}}{\beta^- 22.0\text{m}}$
$\frac{1725.49}{1725.2}$	Ra_{88}^{225}	$\frac{225.02331}{225.023612}$	88n	2+0	8+0	18+0	10+11	0+24	1+14	0+0	$\frac{5.097\text{M}}{\beta^- 14.9\text{d}}$
$\frac{1736.39}{1736.7}$	Ac_{89}^{227}	$\frac{227.02809}{227.027752}$	89n	2+0	8+0	18+0	12+10	0+24	0+15	0+0	$\frac{5.04219\text{M}}{\beta^- 21.772\text{a}}$
$\frac{1749.09}{1748.3}$	Th_{90}^{229}	$\frac{229.03095}{229.031762}$	90n	2+0	8+0	18+0	12+10	1+24	0+15	0+0	$\frac{5.1676\text{M}}{\alpha 7932\text{a}}$
$\frac{1759.87}{1759.9}$	Pa_{91}^{231}	$\frac{231.03587}{231.035884}$	91n	2+0	8+0	18+0	12+10	1+24	1+15	0+0	$\frac{5.1499\text{M}}{\alpha 32760\text{a}}$
$\frac{1772.46}{1771.7}$	U_{92}^{233}	$\frac{233.03884}{233.039635}$	92n	2+0	8+0	18+0	14+9	0+25	1+15	0+0	$\frac{4.9087\text{M}}{\alpha 1.592 \cdot 10^5\text{a}}$
$\frac{1783.13}{1783.0}$	Np_{93}^{235}	$\frac{235.04388}{235.044063}$	93n	2+0	8+0	18+0	16+8	0+25	0+16	0+0	$\frac{5.1949\text{M}}{ce 396.1\text{d}}$

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$\frac{1793.72}{1794.3}$	Pu ₉₄ ²³⁷	$\frac{237.04900}{237.048410}$	94n	2+0	8+0	18+0	16+8	0+25	1+16	0+0	$\frac{5.7485\text{M}}{\text{ce } 45.64\text{d}}$
$\frac{1804.26}{1805.3}$	Am ₉₅ ²³⁹	$\frac{239.05417}{239.05306}$	95n	2+0	8+0	18+0	18+7	0+25	0+17	0+0	$\frac{5.9224\text{M}}{\text{ce } 11.9\text{h}}$
$\frac{1814.72}{1816.4}$	Cm ₉₆ ²⁴¹	$\frac{241.05943}{241.05763}$	96n	2+0	8+0	18+0	18+7	0+25	1+17	0+0	$\frac{6.1852\text{M}}{\text{ce } 32.8\text{d}}$
$\frac{1825.12}{1826.8}$	Bk ₉₇ ²⁴³	$\frac{243.06476}{243.06296}$	97n	2+0	8+0	18+0	20+6	0+25	0+18	0+0	$\frac{6.874\text{M}}{\text{ce } 4.50\text{h}}$
$\frac{1835.46}{1837.4}$	Cf ₉₈ ²⁴⁵	$\frac{245.07015}{245.068049}$	98n	2+0	8+0	18+0	20+6	0+25	1+18	0+0	$\frac{7.2584\text{M}}{\text{ce } 45.0\text{m}}$
$\frac{1845.73}{1847.6}$	Es ₉₉ ²⁴⁷	$\frac{247.07561}{247.073656}$	99n	2+0	8+0	18+0	22+5	0+25	0+19	0+0	$\frac{7.461\text{M}}{\text{ce } 4.55\text{m}}$
$\frac{1855.94}{1857.9}$	Fm ₁₀₀ ²⁴⁹	$\frac{249.08114}{249.079033}$	100n	2+0	8+0	18+0	22+5	0+25	1+19	0+0	$\frac{7.708\text{M}}{\text{ce } 2.60\text{m}}$
$\frac{1866.08}{1867.9}$	Md ₁₀₁ ²⁵¹	$\frac{251.08675}{251.084839}$	101n	2+0	8+0	18+0	24+4	0+25	0+20	0+0	$\frac{7.963\text{M}}{\text{ce } 4.30\text{m}}$
$\frac{1876.15}{1877.8}$	No ₁₀₂ ²⁵³	$\frac{253.09242}{253.090678}$	102n	2+0	8+0	18+0	24+4	0+25	1+20	0+0	$\frac{8.414\text{M}}{\alpha } 1.62\text{m}$
$\frac{1886.17}{1887.5}$	Lw ₁₀₃ ²⁵⁵	$\frac{255.09816}{255.09668}$	103n	2+0	8+0	18+0	26+3	0+25	0+21	0+0	$\frac{8.556\text{M}}{\alpha } 31.1\text{s}$
$\frac{1896.12}{1897.8}$	Rf ₁₀₄ ²⁵⁷	$\frac{257.10397}{257.10299}$	104n	2+0	8+0	18+0	26+3	0+25	1+21	0+0	$\frac{9.083\text{M}}{\alpha } 4.70\text{s}$
$\frac{1906.01}{1906.2}$	Db ₁₀₅ ²⁵⁹	$\frac{259.10984}{259.10961}$	105n	2+0	8+0	18+0	28+2	0+25	0+22	0+0	$\frac{9.620\text{M}}{\alpha } 0.51\text{s}$
$\frac{1915.83}{1915.5}$	Sg ₁₀₆ ²⁶¹	$\frac{261.11579}{261.11612}$	106n	2+0	8+0	18+0	28+2	0+25	1+22	0+0	$\frac{9.714\text{M}}{\alpha } 0.23\text{s}$
$\frac{1924.40}{1924.4}$	Bh ₁₀₇ ²⁶³	$\frac{263.12303}{263.12303}$	107n	2+0	8+0	18+0	28+2	0+25	1+22	1+0	$\frac{10.10\text{M}}{\alpha } 200\text{ms}$
$\frac{1932.90}{1933.2}$	Hs ₁₀₈ ²⁶⁵	$\frac{265.13044}{265.13008}$	108n	2+0	8+0	18+0	30+1	0+25	1+22	0+1	$\frac{10.74\text{M}}{\alpha } 1.90\text{ms}$
$\frac{1942.53}{1941.9}$	Mt ₁₀₉ ²⁶⁷	$\frac{267.13659}{267.13731}$	109n	2+0	8+0	18+0	32+0	0+25	0+23	0+1	$\frac{10.90\text{M}}{\alpha } 10\text{ms}$
$\frac{1950.11}{1949.9}$	Ds ₁₁₀ ²⁶⁹	$\frac{269.14495}{269.14512}$	110n	2+0	8+0	18+0	32+0	1+24	0+24	0+1	$\frac{11.44\text{M}}{\alpha } 179\mu\text{s}$

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$\frac{1958.82}{-}$	Rg ₁₁₁ ²⁷¹	$\frac{271.15209}{-}$	111n	2+0	8+0	18+0	32+0	0+24	1+25	1+0	$\frac{12.02M}{-}$
$\frac{1967.05}{-}$	Uu ₁₁₂ ²⁷³	$\frac{273.15974}{-}$	112n	2+0	8+0	18+0	32+0	2+23	1+25	0+1	$\frac{11.36M}{-}$
$\frac{1975.62}{-}$	Uu ₁₁₃ ²⁷⁵	$\frac{275.16703}{-}$	113n	2+0	8+0	18+0	32+0	3+22	0+27	1+0	$\frac{11.49M}{-}$
$\frac{2027.30}{-}$	Uu ₁₂₀ ²⁸⁹	$\frac{289.22698}{-}$	120n	2+0	8+0	18+0	32+0	9+16	1+33	1+0	$\frac{-}{-}$