

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +47

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1551.98}{-}$	Re ¹⁹⁷ ₇₅	$\frac{196.97788}{-}$	75n	2+0	8+0	18+0	0+16	0+21	0+9	0+1	$\frac{-}{\beta^-}$
$\frac{1565.69}{-}$	Os ¹⁹⁹ ₇₆	$\frac{198.97965}{-}$	76n	2+0	8+0	18+0	0+16	1+21	0+9	0+1	$\frac{-}{\beta^- 5.0s}$
$\frac{1582.81}{-}$	Ir ²⁰¹ ₇₇	$\frac{200.97776}{-}$	77n	2+0	8+0	18+0	2+15	0+23	0+8	0+1	$\frac{-2.513M}{\beta^- > 300ms}$
$\frac{1598.11}{-}$	Pt ²⁰³ ₇₈	$\frac{202.97783}{-}$	78n	2+0	8+0	18+0	2+15	0+24	1+7	0+1	$\frac{-1.600M}{\beta^- 10.0s}$
$\frac{1611.55}{1611.6}$	Au ²⁰⁵ ₇₉	$\frac{204.97989}{204.97987}$	79n	2+0	8+0	18+0	2+15	1+24	1+7	0+1	$\frac{-1.400M}{\beta^- 32.5s}$
$\frac{1624.89}{1624.4}$	Hg ²⁰⁷ ₈₀	$\frac{206.98206}{206.98259}$	80n	2+0	8+0	18+0	4+14	0+25	1+7	0+1	$\frac{1.100M}{\beta^- 2.90m}$
$\frac{1636.71}{1637.2}$	Tl ²⁰⁹ ₈₁	$\frac{208.98586}{208.985359}$	81n	2+0	8+0	18+0	4+14	1+24	1+9	0+0	$\frac{2.800M}{\beta^- 2.161m}$
$\frac{1649.84}{1649.4}$	Pb ²¹¹ ₈₂	$\frac{210.98825}{210.988737}$	82n	2+0	8+0	18+0	6+13	0+25	1+9	0+0	$\frac{3.300M}{\beta^- 36.1m}$
$\frac{1659.27}{1659.5}$	Bi ²¹³ ₈₃	$\frac{212.99462}{212.994385}$	83n	2+0	8+0	18+0	8+12	1+24	1+10	0+0	$\frac{5.982M}{\beta^- 45.59m}$
$\frac{1670.04}{1670.2}$	Po ²¹⁵ ₈₄	$\frac{214.99955}{214.999420}$	84n	2+0	8+0	18+0	8+12	0+25	1+9	0+1	$\frac{7.5263M}{\alpha 1.781ms}$
$\frac{1680.42}{1680.6}$	At ²¹⁷ ₈₅	$\frac{217.00489}{217.004719}$	85n	2+0	8+0	18+0	8+12	1+24	0+11	1+0	$\frac{7.2013M}{\alpha 32.3ms}$
$\frac{1691.47}{1691.5}$	Rn ²¹⁹ ₈₆	$\frac{219.00952}{219.009480}$	86n	2+0	8+0	18+0	8+12	1+24	1+11	1+0	$\frac{6.9461M}{\alpha 39.6s}$
$\frac{1703.58}{1702.6}$	Fr ²²¹ ₈₇	$\frac{221.01301}{221.014255}$	87n	2+0	8+0	18+0	10+11	1+24	1+12	0+0	$\frac{6.4578M}{\alpha 286.1s}$
$\frac{1714.52}{1713.8}$	Ra ²²³ ₈₈	$\frac{223.01775}{223.018502}$	88n	2+0	8+0	18+0	12+10	1+24	0+13	0+0	$\frac{5.97899M}{\alpha 11.43d}$
$\frac{1725.39}{1724.8}$	Ac ²²⁵ ₈₉	$\frac{225.02257}{225.023230}$	89n	2+0	8+0	18+0	12+10	1+24	1+13	0+0	$\frac{5.9351M}{\alpha 10.0d}$
$\frac{1736.21}{1736.0}$	Th ²²⁷ ₉₀	$\frac{227.02745}{227.027704}$	90n	2+0	8+0	18+0	14+9	1+24	0+14	0+0	$\frac{6.1466M}{\alpha 18.68d}$
$\frac{1746.96}{1747.2}$	Pa ²²⁹ ₉₁	$\frac{229.032398}{229.032097}$	91n	2+0	8+0	18+0	14+9	1+24	1+14	0+0	$\frac{5.835M}{ce 1.50d}$

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$\frac{1759.52}{1758.7}$	U ²³¹ ₉₂	$\frac{231.03540}{231.036294}$	92n	2+0	8+0	18+0	16+8	0+25	1+14	0+0	$\frac{5.5763\text{M}}{ce\ 4.20d}$
$\frac{1770.15}{1769.9}$	Np ²³³ ₉₃	$\frac{233.04048}{233.04074}$	93n	2+0	8+0	18+0	18+7	0+25	0+15	0+0	$\frac{5.630\text{M}}{ce\ 36.2m}$
$\frac{1780.71}{1781.0}$	Pu ²³⁵ ₉₄	$\frac{235.04563}{235.045286}$	94n	2+0	8+0	18+0	18+7	0+25	1+15	0+0	$\frac{5.951\text{M}}{ce\ 25.3m}$
$\frac{1791.21}{1792.0}$	Am ²³⁷ ₉₅	$\frac{237.05085}{237.050005}$	95n	2+0	8+0	18+0	20+6	0+25	0+16	0+0	$\frac{6.200\text{M}}{ce\ 73.6m}$
$\frac{1801.65}{1802.8}$	Cm ²³⁹ ₉₆	$\frac{239.05613}{239.054901}$	96n	2+0	8+0	18+0	20+6	0+25	1+16	0+0	$\frac{6.540\text{M}}{ce\ 2.9h}$
$\frac{1812.02}{1813.2}$	Bk ²⁴¹ ₉₇	$\frac{241.06149}{241.060229}$	97n	2+0	8+0	18+0	22+5	0+25	0+17	0+0	$\frac{7.110\text{M}}{ce\ 4.60m}$
$\frac{1822.32}{1823.7}$	Cf ²⁴³ ₉₈	$\frac{243.06692}{243.065427}$	98n	2+0	8+0	18+0	22+5	0+25	1+17	0+0	$\frac{7.330\text{M}}{ce\ 10.7m}$
$\frac{1832.57}{1833.6}$	Es ²⁴⁵ ₉₉	$\frac{245.07241}{245.071324}$	99n	2+0	8+0	18+0	24+4	0+25	0+18	0+0	$\frac{7.909\text{M}}{ce\ 1.10m}$
$\frac{1842.74}{1843.8}$	Fm ²⁴⁷ ₁₀₀	$\frac{247.07798}{247.076847}$	100n	2+0	8+0	18+0	24+4	0+25	1+18	0+0	$\frac{8.258\text{M}}{\alpha\ 31.0s}$
$\frac{1852.86}{1853.4}$	Md ²⁴⁹ ₁₀₁	$\frac{249.08361}{249.083013}$	101n	2+0	8+0	18+0	26+3	0+25	0+19	0+0	$\frac{8.460\text{M}}{\alpha\ 21.7s}$
$\frac{1862.90}{1863.2}$	No ²⁵¹ ₁₀₂	$\frac{251.08932}{251.089012}$	102n	2+0	8+0	18+0	26+3	0+25	1+19	0+0	$\frac{8.752\text{M}}{\alpha\ 0.80s}$
$\frac{1872.89}{1872.8}$	Lw ²⁵³ ₁₀₃	$\frac{253.09508}{253.095209}$	103n	2+0	8+0	18+0	28+2	0+25	0+20	0+0	$\frac{8.918\text{M}}{\alpha\ 0.57s}$
$\frac{1882.81}{1882.42}$	Rf ²⁵⁵ ₁₀₄	$\frac{255.10093}{255.10134}$	104n	2+0	8+0	18+0	28+2	0+25	1+20	0+0	$\frac{9.055\text{M}}{\alpha\ 2.30s}$
$\frac{1891.49}{1891.8}$	Db ²⁵⁷ ₁₀₅	$\frac{257.10810}{257.10772}$	105n	2+0	8+0	18+0	28+2	0+25	1+20	1+0	$\frac{9.206\text{M}}{\alpha\ 1.82s}$
$\frac{1901.28}{1900.9}$	Sg ²⁵⁹ ₁₀₆	$\frac{259.11408}{259.11450}$	106n	2+0	8+0	18+0	30+1	0+25	0+21	1+0	$\frac{9.821\text{M}}{\alpha\ 0.32s}$
$\frac{1909.83}{1909.6}$	Bh ²⁶¹ ₁₀₇	$\frac{261.12139}{261.12166}$	107n	2+0	8+0	18+0	32+0	0+25	0+21	0+1	$\frac{10.50\text{M}}{\alpha\ 11.8ms}$
$\frac{1917.52}{1918.5}$	Hs ²⁶³ ₁₀₈	$\frac{263.12962}{263.12857}$	108n	2+0	8+0	18+0	32+0	1+24	0+22	0+1	$\frac{11.06\text{M}}{\alpha\ 0.74ms}$

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$\frac{1927.11}{1926.8}$	Mt_{109}^{265}	$\frac{265.13582}{265.13615}$	109n	2+0	8+0	18+0	32+0	1+24	1+22	0+1	$\frac{10.97M}{\alpha 2ms}$
$\frac{1934.66}{1934.5}$	Ds_{110}^{267}	$\frac{267.14420}{267.14434}$	110n	2+0	8+0	18+0	32+0	2+23	1+23	0+1	$\frac{11.16M}{-}$
$\frac{1945.33}{-}$	Rg_{111}^{269}	$\frac{269.14924}{-}$	111n	2+0	8+0	18+0	32+0	2+23	1+24	1+0	$\frac{10.08M}{-}$
$\frac{1955.53}{-}$	Uu_{112}^{271}	$\frac{271.15478}{-}$	112n	2+0	8+0	18+0	32+0	5+22	0+24	0+1	$\frac{7.429M}{-}$