

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +55

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1693.18}{-}$	Bi ²²¹ ₈₃	$\frac{221.02753}{-}$	83n	2+0	8+0	16+1	0+16	1+20	1+17	0+1	$\frac{3.200M}{\beta^- >300ns}$
$\frac{1706.23}{-}$	Po ²²³ ₈₄	$\frac{223.03001}{-}$	84n	2+0	8+0	18+0	0+16	0+21	1+17	0+1	$\frac{3.900M}{\beta^- >300ns}$
$\frac{1719.23}{-}$	At ²²⁵ ₈₅	$\frac{225.03255}{-}$	85n	2+0	8+0	18+0	0+16	1+21	1+17	0+1	$\frac{3.800M}{\beta^- >300ns}$
$\frac{1732.20}{1731.9}$	Rn ²²⁷ ₈₆	$\frac{227.0351}{227.03541}$	86n	2+0	8+0	18+0	2+15	0+22	1+17	0+1	$\frac{3.620M}{\beta^- 20.8s}$
$\frac{1744.40}{1744.5}$	Fr ²²⁹ ₈₇	$\frac{229.03850}{229.03845}$	87n	2+0	8+0	18+0	2+15	0+22	1+18	1+0	$\frac{3.200M}{\beta^- 50.2s}$
$\frac{1757.28}{1757.2}$	Ra ²³¹ ₈₈	$\frac{231.04117}{231.04122}$	88n	2+0	8+0	18+0	2+15	1+22	1+18	1+0	$\frac{2.930M}{\beta^- 104.1s}$
$\frac{1770.11}{1769.5}$	Ac ²³³ ₈₉	$\frac{233.04388}{233.04455}$	89n	2+0	8+0	18+0	4+14	0+23	1+18	1+0	$\frac{3.240M}{\beta^- 145s}$
$\frac{1781.77}{1782.1}$	Th ²³⁵ ₉₀	$\frac{235.04786}{235.04751}$	90n	2+0	8+0	18+0	6+13	1+23	0+18	0+1	$\frac{3.610M}{\beta^- 7.20m}$
$\frac{1794.50}{1794.1}$	Pa ²³⁷ ₉₁	$\frac{237.05068}{237.05115}$	91n	2+0	8+0	18+0	8+12	0+24	0+18	0+1	$\frac{3.740M}{\beta^- 8.70m}$
$\frac{1806.43}{1806.5}$	U ²³⁹ ₉₂	$\frac{239.05436}{239.054293}$	92n	2+0	8+0	18+0	8+12	0+24	0+19	1+0	$\frac{3.890M}{\beta^- 23.45m}$
$\frac{1818.31}{1818.2}$	Np ²⁴¹ ₉₃	$\frac{241.05810}{241.05825}$	93n	2+0	8+0	18+0	10+11	0+24	0+20	0+0	$\frac{4.200M}{\beta^- 13.9m}$
$\frac{1830.87}{1830.0}$	Pu ²⁴³ ₉₄	$\frac{243.06111}{243.062003}$	94n	2+0	8+0	18+0	10+11	1+24	0+20	0+0	$\frac{4.757M}{\beta^- 4.956h}$
$\frac{1841.49}{1841.3}$	Am ²⁴⁵ ₉₅	$\frac{245.06620}{245.06640}$	95n	2+0	8+0	18+0	10+11	1+24	1+20	0+0	$\frac{5.210M}{\beta^- 2.05h}$
$\frac{1853.94}{1853.0}$	Cm ²⁴⁷ ₉₆	$\frac{247.06932}{247.070328}$	96n	2+0	8+0	18+0	12+10	0+25	1+20	0+0	$\frac{5.353M}{\alpha 1.56 \cdot 10^7 a}$
$\frac{1864.44}{1864.0}$	Bk ²⁴⁹ ₉₇	$\frac{249.07454}{249.07501}$	97n	2+0	8+0	18+0	14+9	0+25	0+21	0+0	$\frac{5.5250M}{\beta^- 330d}$
$\frac{1874.86}{1875.1}$	Cf ²⁵¹ ₉₈	$\frac{251.07984}{251.07958}$	98n	2+0	8+0	18+0	14+9	0+25	1+21	0+0	$\frac{6.177M}{\alpha 898a}$
$\frac{1885.22}{1885.6}$	Es ²⁵³ ₉₉	$\frac{253.08521}{253.08480}$	99n	2+0	8+0	18+0	16+8	0+25	0+22	0+0	$\frac{6.73916M}{\alpha 20.47d}$

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$\frac{1895.51}{1896.2}$	Fm ₁₀₀ ²⁵⁵	$\frac{255.09065}{255.08991}$	100n	2+0	8+0	18+0	16+8	0+25	1+22	0+0	$\frac{7.2397M}{\alpha 20.07h}$
$\frac{1905.75}{1906.3}$	Md ₁₀₁ ²⁵⁷	$\frac{257.09615}{257.09556}$	101n	2+0	8+0	18+0	18+7	0+25	0+23	0+0	$\frac{7.5576M}{\alpha 5.52h}$
$\frac{1915.91}{1916.6}$	No ₁₀₂ ²⁵⁹	$\frac{259.10173}{259.10103}$	102n	2+0	8+0	18+0	18+7	0+25	1+23	0+0	$\frac{7.890M}{\alpha 58.0m}$
$\frac{1926.00}{1926.5}$	Lw ₁₀₃ ²⁶¹	$\frac{261.10739}{261.10688}$	103n	2+0	8+0	18+0	20+6	0+25	0+24	0+0	$\frac{8.140M}{FS 39.0m}$
$\frac{1936.03}{1937.3}$	Rf ₁₀₄ ²⁶³	$\frac{263.11311}{263.11255}$	104n	2+0	8+0	18+0	20+6	0+25	1+24	0+0	$\frac{8.300M}{FS 10.0m}$
$\frac{1946.00}{1946.3}$	Db ₁₀₅ ²⁶⁵	$\frac{265.11890}{265.11860}$	105n	2+0	8+0	18+0	22+5	0+25	0+25	0+0	$\frac{8.490M}{\alpha 15m}$
$\frac{1955.90}{-}$	Sg ₁₀₆ ²⁶⁷	$\frac{267.12476}{-}$	106n	2+0	8+0	18+0	22+5	0+25	1+25	0+0	$\frac{8.630M}{\alpha 19m}$
$\frac{1965.74}{-}$	Bh ₁₀₇ ²⁶⁹	$\frac{269.13069}{-}$	107n	2+0	8+0	18+0	24+4	0+25	0+26	0+0	$\frac{8.800M}{\alpha 25s}$
$\frac{1975.51}{1974.6}$	Hs ₁₀₈ ²⁷¹	$\frac{271.13669}{271.13766}$	108n	2+0	8+0	18+0	24+4	0+25	1+26	0+0	$\frac{9.440M}{\alpha 40s}$
$\frac{1982.84}{1983.2}$	Mt ₁₀₉ ²⁷³	$\frac{273.14531}{273.14492}$	109n	2+0	8+0	18+0	26+3	0+25	0+26	0+1	$\frac{10.60M}{\alpha 30s}$
$\frac{1992.48}{1991.8}$	Ds ₁₁₀ ²⁷⁵	$\frac{275.15145}{275.15218}$	110n	2+0	8+0	18+0	26+3	0+25	1+26	0+1	$\frac{11.00M}{\alpha 2s}$
$\frac{2000.11}{2000.3}$	Rg ₁₁₁ ²⁷⁷	$\frac{277.15975}{277.15952}$	111n	2+0	8+0	18+0	26+3	1+24	1+27	0+1	$\frac{11.20M}{\alpha 10ms}$
$\frac{2009.60}{2009.1}$	Uu ₁₁₂ ²⁷⁹	$\frac{279.16605}{279.16655}$	112n	2+0	8+0	18+0	28+2	1+24	0+28	0+1	$\frac{11.09M}{\alpha}$
$\frac{2017.00}{-}$	Uu ₁₁₃ ²⁸¹	$\frac{281.17460}{-}$	113n	2+0	8+0	18+0	30+1	0+24	0+29	0+1	$\frac{11.07M}{-}$
$\frac{2025.60}{-}$	Uu ₁₁₄ ²⁸³	$\frac{283.18185}{-}$	114n	2+0	8+0	18+0	28+2	1+23	1+30	1+0	$\frac{12.29M}{-}$
$\frac{2032.90}{-}$	Uu ₁₁₅ ²⁸⁵	$\frac{285.19051}{-}$	115n	2+0	8+0	18+0	30+1	0+23	1+31	1+0	$\frac{12.39M}{-}$
$\frac{2042.20}{-}$	Uu ₁₁₆ ²⁸⁷	$\frac{287.19701}{-}$	116n	2+0	8+0	18+0	32+0	0+23	0+32	1+0	$\frac{11.69M}{-}$

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$\frac{2049.30}{-}$	Uu_{117}^{289}	$\frac{289.20588}{-}$	117n	2+0	8+0	18+0	32+0	1+22	0+33	1+0	$\frac{11.89M}{-}$
$\frac{2056.40}{-}$	Uu_{118}^{291}	$\frac{291.21475}{-}$	118n	2+0	8+0	18+0	32+0	2+21	0+34	1+0	$\frac{14.09M}{-}$
$\frac{2066.30}{-}$	Uu_{119}^{293}	$\frac{293.22061}{-}$	119n	2+0	8+0	18+0	32+0	3+21	1+33	0+1	$\frac{11.29M}{-}$
$\frac{2076.50}{-}$	Uu_{120}^{295}	$\frac{295.22615}{-}$	120n	2+0	8+0	18+0	32+0	3+21	1+34	1+0	$\frac{8.192M}{-}$