

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +58

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1746.93}{-}$	Rn ²³⁰ ₈₆	$\frac{230.04529}{-}$	86n	2+0	8+0	18+0	0+16	1+20	0+21	1+0	$\frac{2.400M}{\beta^- >300ns}$
$\frac{1758.05}{1758.1}$	Fr ²³² ₈₇	$\frac{232.04985}{232.04977}$	87n	2+0	8+0	16+1	0+16	1+20	1+21	1+0	$\frac{2.300M}{\beta^- 5.50s}$
$\frac{1772.81}{1772.6}$	Ra ²³⁴ ₈₈	$\frac{234.05049}{234.05070}$	88n	2+0	8+0	18+0	0+16	1+21	0+21	1+0	$\frac{2.600M}{\beta^- 30.0s}$
$\frac{1783.83}{1783.7}$	Ac ²³⁶ ₈₉	$\frac{236.05515}{236.05530}$	89n	2+0	8+0	18+0	0+16	1+21	1+21	1+0	$\frac{2.740M}{\beta^- 2m}$
$\frac{1797.38}{1797.9}$	Th ²³⁸ ₉₀	$\frac{238.05709}{238.05650}$	90n	2+0	8+0	18+0	2+15	1+22	1+20	0+1	$\frac{3.100M}{\beta^- 9.40m}$
$\frac{1809.39}{1809.1}$	Pa ²⁴⁰ ₉₁	$\frac{240.06069}{240.06098}$	91n	2+0	8+0	18+0	2+15	1+22	1+21	1+0	$\frac{3.100M}{\beta^- 2m}$
$\frac{1822.85}{1822.7}$	U ²⁴² ₉₂	$\frac{242.06273}{242.06293}$	92n	2+0	8+0	18+0	4+14	1+23	1+20	0+1	$\frac{1.200M}{\beta^- 16.8m}$
$\frac{1833.63}{1833.4}$	Np ²⁴⁴ ₉₃	$\frac{244.06765}{244.06785}$	93n	2+0	8+0	18+0	6+13	1+23	0+21	0+1	$\frac{4.00M}{\beta^- 2.29m}$
$\frac{1846.61}{1846.6}$	Pu ²⁴⁶ ₉₄	$\frac{246.070205}{246.070205}$	94n	2+0	8+0	18+0	6+13	1+23	1+22	0+0	$\frac{4.350M}{\beta^- 10.84d}$
$\frac{1857.27}{1856.8}$	Am ²⁴⁸ ₉₅	$\frac{248.07525}{248.07571}$	95n	2+0	8+0	18+0	8+12	1+23	0+23	0+0	$\frac{4.900M}{\beta^- 10m}$
$\frac{1869.75}{1869.7}$	Cm ²⁵⁰ ₉₆	$\frac{250.07834}{250.078395}$	96n	2+0	8+0	18+0	10+11	0+24	0+23	0+0	$\frac{5.169M}{FS 8300a}$
$\frac{1880.28}{1879.6}$	Bk ²⁵² ₉₇	$\frac{252.08353}{252.08431}$	97n	2+0	8+0	18+0	10+11	0+24	1+23	0+0	$\frac{5.500M}{\beta^- 1.80m}$
$\frac{1892.65}{1892.1}$	Cf ²⁵⁴ ₉₈	$\frac{254.08674}{254.08733}$	98n	2+0	8+0	18+0	10+11	1+24	1+23	0+0	$\frac{5.927M}{FS 60.5d}$
$\frac{1901.13}{1901.6}$	Es ²⁵⁶ ₉₉	$\frac{256.09412}{256.09362}$	99n	2+0	8+0	18+0	12+10	0+24	1+24	0+0	$\frac{6.230M}{\beta^- 25.4m}$
$\frac{1913.38}{1913.7}$	Fm ²⁵⁸ ₁₀₀	$\frac{258.09746}{258.097076}$	100n	2+0	8+0	18+0	12+10	1+24	1+24	0+0	$\frac{6.660M}{FS 370\mu s}$
$\frac{1923.64}{1922.9}$	Md ²⁶⁰ ₁₀₁	$\frac{260.10294}{260.10373}$	101n	2+0	8+0	18+0	14+9	1+24	0+25	0+0	$\frac{6.900M}{FS 31.8d}$
$\frac{1935.78}{1934.9}$	No ²⁶² ₁₀₂	$\frac{262.10639}{262.10730}$	102n	2+0	8+0	18+0	16+8	0+25	0+25	0+0	$\frac{7.300M}{FS 5ms}$

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$\frac{1943.98}{1944.1}$	Lw ₁₀₃ ²⁶⁴	$\frac{264.11408}{264.11395}$	103n	2+0	8+0	18+0	16+8	1+24	0+26	0+0	$\frac{7.400M}{\alpha 10h}$
$\frac{1955.99}{1955.7}$	Rf ₁₀₄ ²⁶⁶	$\frac{266.11768}{266.11799}$	104n	2+0	8+0	18+0	18+7	0+25	0+26	0+0	$\frac{7.700M}{\alpha 10h}$
$\frac{1964.04}{1964.1}$	Db ₁₀₅ ²⁶⁸	$\frac{268.12553}{268.12544}$	105n	2+0	8+0	18+0	18+7	1+24	0+27	0+0	$\frac{8.200M}{FS 32.0h}$
$\frac{1975.94}{1974.9}$	Sg ₁₀₆ ²⁷⁰	$\frac{270.12924}{270.13033}$	106n	2+0	8+0	18+0	20+6	0+25	0+27	0+0	$\frac{8.700M}{FS 10m}$
$\frac{1983.86}{1983.1}$	Bh ₁₀₇ ²⁷²	$\frac{272.13723}{272.13803}$	107n	2+0	8+0	18+0	22+5	1+24	0+28	0+0	$\frac{9.150M}{\alpha 10s}$
$\frac{1993.65}{1993.7}$	Hs ₁₀₈ ²⁷⁴	$\frac{274.14321}{274.14314}$	108n	2+0	8+0	18+0	20+6	1+24	1+28	0+0	$\frac{9.570M}{\alpha 1m}$
$\frac{2001.01}{2001.6}$	Mt ₁₀₉ ²⁷⁶	$\frac{276.15180}{276.15116}$	109n	2+0	8+0	18+0	22+5	1+24	0+28	0+1	$\frac{9.850M}{\alpha 0.72s}$
$\frac{2012.70}{2012.0}$	Ds ₁₁₀ ²⁷⁸	$\frac{278.15574}{278.15647}$	110n	2+0	8+0	18+0	24+4	0+25	0+28	0+1	$\frac{10.12M}{\alpha}$
$\frac{2020.30}{2019.9}$	Rg ₁₁₁ ²⁸⁰	$\frac{280.16407}{280.16447}$	111n	2+0	8+0	18+0	24+4	1+24	0+29	0+1	$\frac{10.09M}{\alpha 3.60s}$
$\frac{2029.80}{2030.4}$	Uu ₁₁₂ ²⁸²	$\frac{282.17036}{282.16976}$	112n	2+0	8+0	18+0	24+4	1+24	1+29	0+1	$\frac{9.960M}{FS 0.50ms}$
$\frac{2038.50}{2038.0}$	Uu ₁₁₃ ²⁸⁴	$\frac{284.17751}{284.17808}$	113n	2+0	8+0	18+0	26+3	0+24	0+31	1+0	$\frac{10.15M}{\alpha 0.48s}$
$\frac{2047.90}{2047.9}$	Uu ₁₁₄ ²⁸⁶	$\frac{286.18391}{286.18386}$	114n	2+0	8+0	18+0	26+3	0+24	1+31	1+0	$\frac{10.37M}{FS 0.16s}$
$\frac{2055.30}{2055.3}$	Uu ₁₁₅ ²⁸⁸	$\frac{288.19245}{288.19250}$	115n	2+0	8+0	18+0	26+3	1+23	1+32	1+0	$\frac{10.61M}{\alpha 87.0ms}$
$\frac{2064.60}{2064.9}$	Uu ₁₁₆ ²⁹⁰	$\frac{290.19896}{290.19859}$	116n	2+0	8+0	18+0	28+2	1+23	0+33	1+0	$\frac{10.99M}{\alpha 15.0ms}$
$\frac{2071.80}{2072.0}$	Uu ₁₁₇ ²⁹²	$\frac{292.20772}{292.20755}$	117n	2+0	8+0	18+0	30+1	0+23	0+34	1+0	$\frac{11.30M}{\alpha}$
$\frac{2080.90}{-}$	Uu ₁₁₈ ²⁹⁴	$\frac{294.21444}{-}$	118n	2+0	8+0	18+0	30+1	0+23	1+34	1+0	$\frac{11.99M}{-}$
$\frac{2090.80}{-}$	Uu ₁₁₉ ²⁹⁶	$\frac{296.22030}{-}$	119n	2+0	8+0	18+0	32+0	1+23	0+34	0+1	$\frac{9.293M}{-}$
$\frac{2099.10}{-}$	Uu ₁₂₀ ²⁹⁸	$\frac{298.22788}{-}$	120n	2+0	8+0	18+0	32+0	0+23	1+35	1+0	$\frac{10.09M}{-}$