

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +26

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{710.538}{-}$	Ga_{31}^{88}	$\frac{87.97368}{-}$	31n	2+0	2+3	0+9	0+7	0+4	1+2	0+1	$\frac{-}{\beta^-}$
$\frac{729.534}{-}$	Ge_{32}^{90}	$\frac{89.96978}{-}$	32n	2+0	2+3	0+9	1+8	1+1	0+4	0+1	$\frac{-}{\beta^- > 635\text{ns}}$
$\frac{747.972}{747.67}$	As_{33}^{92}	$\frac{91.96647}{91.96680}$	33n	2+0	4+2	0+9	1+8	0+3	0+3	0+1	$\frac{-8.810\text{M}}{\beta^- 30\text{ms}}$
$\frac{768.504}{768.91}$	Se_{34}^{94}	$\frac{93.96092}{93.96049}$	34n	2+0	6+1	0+9	0+9	0+4	0+2	0+1	$\frac{-11.05\text{M}}{\beta^- 20\text{ms}}$
$\frac{786.110}{786.09}$	Br_{35}^{96}	$\frac{95.95851}{95.95853}$	35n	2+0	6+1	0+9	0+10	0+2	0+4	1+0	$\frac{-9.800\text{M}}{\beta^- 20\text{ms}}$
$\frac{807.695}{807.62}$	Kr_{36}^{98}	$\frac{97.95183}{97.95191}$	36n	2+0	6+1	0+9	0+11	0+2	1+3	1+0	$\frac{-10.10\text{M}}{\beta^- 46.0\text{ms}}$
$\frac{824.971}{824.88}$	Rb_{37}^{100}	$\frac{99.94977}{99.94987}$	37n	2+0	8+0	0+9	0+11	0+3	0+3	1+0	$\frac{-10.60\text{M}}{\beta^- 51.0\text{ms}}$
$\frac{846.672}{846.62}$	Sr_{38}^{102}	$\frac{101.94297}{101.94302}$	38n	2+0	8+0	0+9	0+12	0+3	1+2	1+0	$\frac{-10.40\text{M}}{\beta^- 69.0\text{ms}}$
$\frac{863.909}{863.82}$	Y_{39}^{104}	$\frac{103.94095}{103.94105}$	39n	2+0	8+0	2+8	0+12	0+4	0+2	1+0	$\frac{-9.900\text{M}}{\beta^- 197\text{ms}}$
$\frac{883.906}{883.97}$	Zr_{40}^{106}	$\frac{105.93597}{105.93591}$	40n	2+0	8+0	2+8	1+12	0+5	1+0	0+1	$\frac{-9.100\text{M}}{\beta^- 191\text{ms}}$
$\frac{900.575}{900.32}$	Nb_{41}^{108}	$\frac{107.93457}{107.93484}$	41n	2+0	8+0	2+8	1+12	1+5	0+1	1+0	$\frac{-7.900\text{M}}{\beta^- 220\text{ms}}$
$\frac{920.390}{920.44}$	Mo_{42}^{110}	$\frac{109.92979}{109.92973}$	42n	2+0	8+0	4+7	1+13	0+5	1+0	0+1	$\frac{-7.900\text{M}}{\beta^- 270\text{ms}}$
$\frac{935.989}{936.34}$	Tc_{43}^{112}	$\frac{111.92953}{111.92915}$	43n	2+0	8+0	6+6	0+14	0+4	1+1	0+1	$\frac{-8.110\text{M}}{\beta^- 290\text{ms}}$
$\frac{956.589}{956.24}$	Ru_{44}^{114}	$\frac{113.92391}{113.92428}$	44n	2+0	8+0	6+6	0+15	1+3	1+1	0+1	$\frac{-8.090\text{M}}{\beta^- 520\text{ms}}$
$\frac{972.294}{971.80}$	Rh_{45}^{116}	$\frac{115.92353}{115.92406}$	45n	2+0	8+0	8+5	0+15	0+4	1+1	0+1	$\frac{-7.910\text{M}}{\beta^- 680\text{ms}}$
$\frac{991.554}{991.90}$	Pd_{46}^{118}	$\frac{117.91935}{117.91898}$	46n	2+0	8+0	10+4	0+16	0+3	0+2	0+1	$\frac{-7.601\text{M}}{\beta^- 1.90\text{s}}$
$\frac{1007.96}{1007.4}$	Ag_{47}^{120}	$\frac{119.91823}{119.91879}$	47n	2+0	8+0	8+5	0+16	1+3	1+2	1+0	$\frac{-7.340\text{M}}{\beta^- 1.23\text{s}}$

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +26

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1027.66}{1027.9}$	Cd ¹²² ₄₈	$\frac{121.91357}{121.91333}$	48n	2+0	8+0	10+4	0+16	1+5	0+1	1+0	$\frac{-7.650M}{\beta^- 5.24s}$
$\frac{1043.14}{1043.4}$	In ¹²⁴ ₄₉	$\frac{123.91344}{123.91318}$	49n	2+0	8+0	12+3	0+16	0+6	0+1	1+0	$\frac{-7.640M}{\beta^- 3.12s}$
$\frac{1063.66}{1063.9}$	Sn ¹²⁶ ₅₀	$\frac{125.90790}{125.90765}$	50n	2+0	8+0	14+2	0+16	0+8	0+0	0+0	$\frac{-7.829M}{\beta^- 2.3 \cdot 10^5 a}$
$\frac{1077.59}{1077.8}$	Sb ¹²⁸ ₅₁	$\frac{127.90943}{127.909169}$	51n	2+0	8+0	14+2	0+16	0+8	1+0	0+0	$\frac{-6.170M}{\beta^- 9.01h}$
$\frac{1094.32}{1095.9}$	Te ¹³⁰ ₅₂	$\frac{129.90796}{129.906224}$	52n	2+0	8+0	16+1	0+16	0+9	0+0	0+0	$\frac{-3.757M}{2\beta^- 3 \cdot 10^{24} a}$
$\frac{1109.53}{1109.6}$	I ¹³² ₅₃	$\frac{131.90813}{131.907997}$	53n	2+0	8+0	16+1	0+16	1+9	0+0	0+0	$\frac{-3.510M}{\beta^- 2.295h}$
$\frac{1124.66}{1127.4}$	Xe ¹³⁴ ₅₄	$\frac{133.90837}{133.905394}$	54n	2+0	8+0	18+0	0+16	0+10	0+0	0+0	$\frac{-3.1965M}{2\beta^- 5.8 \cdot 10^{21} a}$
$\frac{1139.70}{1141.0}$	Cs ¹³⁶ ₅₅	$\frac{135.90872}{135.907312}$	55n	2+0	8+0	18+0	0+16	1+10	0+0	0+0	$\frac{-3.066M}{\beta^- 13.04d}$
$\frac{1154.67}{1158.3}$	Ba ¹³⁸ ₅₆	$\frac{137.90914}{137.905247}$	56n	2+0	8+0	18+0	2+15	0+11	0+0	0+0	$\frac{-2.5624M}{st}$
$\frac{1169.55}{1169.7}$	La ¹⁴⁰ ₅₇	$\frac{139.90965}{139.909478}$	57n	2+0	8+0	18+0	2+15	1+11	0+0	0+0	$\frac{-404K}{\beta^- 1.6786d}$
$\frac{1184.35}{1185.3}$	Ce ¹⁴² ₅₈	$\frac{141.91025}{141.909244}$	58n	2+0	8+0	18+0	4+14	0+12	0+0	0+0	$\frac{1.305M}{2\beta^- 5 \cdot 10^{16} a}$
$\frac{1197.51}{1196.9}$	Pr ¹⁴⁴ ₅₉	$\frac{143.91262}{143.913305}$	59n	2+0	8+0	18+0	4+14	0+12	1+0	0+0	$\frac{1.143M}{\beta^- 17.28m}$
$\frac{1212.13}{1212.4}$	Nd ¹⁴⁶ ₆₀	$\frac{145.91341}{145.913117}$	60n	2+0	8+0	18+0	4+14	1+12	1+0	0+0	$\frac{1.1819M}{st}$
$\frac{1223.77}{1223.7}$	Pm ¹⁴⁸ ₆₁	$\frac{147.91740}{147.917475}$	61n	2+0	8+0	18+0	5+13	1+13	1+0	0+0	$\frac{1.460M}{\beta^- 5.368d}$
$\frac{1239.80}{1239.2}$	Sm ¹⁵⁰ ₆₂	$\frac{149.91668}{149.917276}$	62n	2+0	8+0	18+0	7+12	1+14	0+0	0+0	$\frac{1.4498M}{st}$
$\frac{1250.97}{1250.4}$	Eu ¹⁵² ₆₃	$\frac{151.92118}{151.921744}$	63n	2+0	8+0	18+0	9+11	0+14	0+1	0+0	$\frac{1.553M}{ce 13.528a}$
$\frac{1266.83}{1266.6}$	Gd ¹⁵⁴ ₆₄	$\frac{153.92065}{153.920866}$	64n	2+0	8+0	18+0	9+11	0+15	1+0	0+0	$\frac{920.0K}{st}$

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +26

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1279.14}{1278.4}$	Tb ₆₅ ¹⁵⁶	$\frac{155.92392}{155.924747}$	65n	2+0	8+0	18+0	10+11	1+13	0+2	0+0	$\frac{372\text{K}}{\text{ce } 5.35\text{d}}$
$\frac{1293.23}{1294.0}$	Dy ₆₆ ¹⁵⁸	$\frac{157.92529}{157.924409}$	66n	2+0	8+0	18+0	12+10	0+14	0+2	0+0	$\frac{876.0\text{K}}{\text{st}}$
$\frac{1305.59}{1305.4}$	Ho ₆₇ ¹⁶⁰	$\frac{159.92851}{159.928729}$	67n	2+0	8+0	18+0	12+10	0+14	1+2	0+0	$\frac{1.284\text{M}}{\text{ce } 25.6\text{m}}$
$\frac{1321.16}{1320.7}$	Er ₆₈ ¹⁶²	$\frac{161.92828}{161.928778}$	68n	2+0	8+0	18+0	14+9	0+15	0+2	0+0	$\frac{1.6471\text{M}}{\text{st}}$
$\frac{1331.65}{1331.6}$	Tm ₆₉ ¹⁶⁴	$\frac{163.93351}{163.93356}$	69n	2+0	8+0	18+0	14+9	1+14	0+3	0+0	$\frac{2.050\text{M}}{\text{ce } 2.0\text{m}}$
$\frac{1347.07}{1346.7}$	Yb ₇₀ ¹⁶⁶	$\frac{165.93345}{165.933882}$	70n	2+0	8+0	18+0	14+9	1+15	1+2	0+0	$\frac{2.314\text{M}}{\text{ce } 56.7\text{h}}$
$\frac{1356.99}{1357.5}$	Lu ₇₁ ¹⁶⁸	$\frac{167.93929}{167.93874}$	71n	2+0	8+0	18+0	16+8	1+15	0+2	0+1	$\frac{2.410\text{M}}{\text{ce } 5.50\text{m}}$
$\frac{1372.24}{1372.0}$	Hf ₇₂ ¹⁷⁰	$\frac{169.93940}{169.93961}$	72n	2+0	8+0	18+0	16+8	1+16	1+1	0+1	$\frac{2.920\text{M}}{\text{ce } 16.01\text{h}}$
$\frac{1382.29}{1382.5}$	Ta ₇₃ ¹⁷²	$\frac{171.94511}{171.94490}$	73n	2+0	8+0	18+0	18+7	0+16	1+2	0+1	$\frac{3.320\text{M}}{\text{ce } 36.8\text{m}}$
$\frac{1396.68}{1396.7}$	W ₇₄ ¹⁷⁴	$\frac{173.94608}{173.94608}$	74n	2+0	8+0	18+0	18+7	1+16	0+3	1+0	$\frac{3.600\text{M}}{\text{ce } 33.2\text{m}}$
$\frac{1406.50}{1406.9}$	Re ₇₅ ¹⁷⁶	$\frac{175.95209}{175.95162}$	75n	2+0	8+0	18+0	20+6	0+16	0+4	1+0	$\frac{3.840\text{M}}{\text{ce } 5.30\text{m}}$
$\frac{1420.36}{1420.8}$	Os ₇₆ ¹⁷⁸	$\frac{177.95371}{177.953251}$	76n	2+0	8+0	18+0	20+6	0+17	0+3	0+1	$\frac{4.260\text{M}}{\text{ce } 5.0\text{m}}$
$\frac{1429.96}{1430.6}$	Ir ₇₇ ¹⁸⁰	$\frac{179.95989}{179.959229}$	77n	2+0	8+0	18+0	22+5	1+16	0+4	0+1	$\frac{4.660\text{M}}{\text{ce } 1.50\text{m}}$
$\frac{1443.99}{1444.1}$	Pt ₇₈ ¹⁸²	$\frac{181.96132}{181.961171}$	78n	2+0	8+0	18+0	22+5	0+17	1+4	1+0	$\frac{4.952\text{M}}{\text{ce } 2.67\text{m}}$
$\frac{1453.35}{1453.6}$	Au ₇₉ ¹⁸⁴	$\frac{183.96776}{183.967452}$	79n	2+0	8+0	18+0	22+5	1+16	1+5	1+0	$\frac{5.234\text{M}}{\text{ce } 20.6\text{s}}$
$\frac{1466.84}{1467.2}$	Hg ₈₀ ¹⁸⁶	$\frac{185.96977}{185.969362}$	80n	2+0	8+0	18+0	24+4	1+17	1+4	0+1	$\frac{5.205\text{M}}{\text{ce } 1.38\text{m}}$
$\frac{1475.97}{1476.4}$	Tl ₈₁ ¹⁸⁸	$\frac{187.97646}{187.97601}$	81n	2+0	8+0	18+0	26+3	0+17	1+5	0+1	$\frac{5.550\text{M}}{\text{ce } 71.0\text{s}}$

TAVOLA PERIODICA DEI NUCLEI ATOMICI
configurazione dei livelli nucleari degli isodiaferi I = +26

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_\alpha(\text{eV})}{T_{1/2}}$
$\frac{1489.64}{1489.8}$	Pb ¹⁹⁰ ₈₂	$\frac{189.97827}{189.978082}$	82n	2+0	8+0	18+0	26+3	1+17	0+6	1+0	$\frac{5.697\text{M}}{ce\ 71.0\text{s}}$
$\frac{1498.54}{1498.3}$	Bi ¹⁹² ₈₃	$\frac{191.98521}{191.98546}$	83n	2+0	8+0	18+0	28+2	0+17	0+7	1+0	$\frac{6.376\text{M}}{ce\ 34.6\text{s}}$
$\frac{1510.98}{1511.1}$	Po ¹⁹⁴ ₈₄	$\frac{193.98834}{193.988186}$	84n	2+0	8+0	18+0	28+2	1+17	0+7	1+0	$\frac{6.987\text{M}}{\alpha\ 0.392\text{s}}$
$\frac{1519.77}{1519.4}$	At ¹⁹⁶ ₈₅	$\frac{195.99539}{195.99579}$	85n	2+0	8+0	18+0	30+1	0+17	0+8	1+0	$\frac{7.200\text{M}}{\alpha\ 0.388\text{s}}$
$\frac{1532.15}{1532.1}$	Rn ¹⁹⁸ ₈₆	$\frac{197.99859}{197.998679}$	86n	2+0	8+0	18+0	30+1	1+17	0+8	1+0	$\frac{7.349\text{M}}{ce\ 65.0\text{ms}}$
$\frac{1539.72}{1540.1}$	Fr ²⁰⁰ ₈₇	$\frac{200.00696}{200.00657}$	87n	2+0	8+0	18+0	32+0	0+17	1+8	0+1	$\frac{7.620\text{M}}{\alpha\ 49.0\text{ms}}$
$\frac{1552.01}{1552.3}$	Ra ²⁰² ₈₈	$\frac{202.01025}{202.00989}$	88n	2+0	8+0	18+0	32+0	1+17	1+8	0+1	$\frac{7.897\text{M}}{\alpha\ 16.0\text{ms}}$