

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 130**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1058.28}{1058.7}$	Ag_{47}^{130}	$\frac{129.95086}{129.95045}$	47n	2+0	8+0	0+9	0+15	1+5	0+6	0+1	$\frac{8.900M}{n\beta^- 50.0ms}$
$\frac{1073.48}{1073.3}$	Cd_{48}^{130}	$\frac{129.93370}{129.93390}$	48n	2+0	8+0	2+8	0+16	1+6	0+4	1+0	$\frac{8.350M}{\beta^- 162ms}$
$\frac{1081.26}{1080.8}$	In_{49}^{130}	$\frac{129.92450}{129.92497}$	49n	2+0	8+0	6+6	0+16	0+8	0+2	1+0	$\frac{10.25M}{\beta^- 290ms}$
$\frac{1089.73}{1090.3}$	Sn_{50}^{130}	$\frac{129.91457}{129.913967}$	50n	2+0	8+0	8+5	0+16	1+9	1+0	0+0	$\frac{2.153M}{\beta^- 2.72m}$
$\frac{1091.44}{1091.7}$	Sb_{51}^{130}	$\frac{129.91190}{129.911656}$	51n	2+0	8+0	12+3	0+16	0+9	1+0	0+0	$\frac{5.063M}{\beta^- 39.5m}$
$\frac{1094.32}{1095.9}$	Te_{52}^{130}	$\frac{129.90796}{129.906224}$	52n	2+0	8+0	16+1	0+16	0+9	0+0	0+0	$\frac{2.52751M}{2\beta^- 3 \cdot 10^{24}a}$
$\frac{1095.49}{1094.7}$	I_{53}^{130}	$\frac{129.90587}{129.906674}$	53n	2+0	8+0	18+0	0+16	1+8	0+0	0+0	$\frac{2.944M}{\beta^- 12.36h}$
$\frac{1096.39}{1096.9}$	Xe_{54}^{130}	$\frac{129.90406}{129.903508}$	54n	2+0	8+0	18+0	4+14	0+8	0+0	0+0	$\frac{\text{st}}{4.0710\%}$
$\frac{1092.77}{1093.1}$	Cs_{55}^{130}	$\frac{129.90711}{129.906709}$	55n	2+0	8+0	18+0	5+13	1+7	1+0	0+0	$\frac{2.981M}{ce29.21m}$
$\frac{1093.10}{1092.7}$	Ba_{56}^{130}	$\frac{129.90591}{129.906321}$	56n	2+0	8+0	18+0	9+11	0+7	1+0	0+0	$\frac{2.619M}{2ce4 \cdot 10^{21}a}$ 0.106%
$\frac{1086.05}{1086.3}$	La_{57}^{130}	$\frac{129.91264}{129.912369}$	57n	2+0	8+0	18+0	13+8	0+7	0+1	0+0	$\frac{5.630M}{ce8.70m}$
$\frac{1082.99}{1083.3}$	Ce_{58}^{130}	$\frac{129.91509}{129.91474}$	58n	2+0	8+0	18+0	16+6	0+7	0+1	0+0	$\frac{2.210M}{ce122.9m}$
$\frac{1073.93}{1074.3}$	Pr_{59}^{130}	$\frac{129.92398}{129.92359}$	59n	2+0	8+0	18+0	19+3	0+8	0+1	0+0	$\frac{8.250M}{ce40.0s}$
$\frac{1068.92}{1068.9}$	Nd_{60}^{130}	$\frac{129.92851}{129.92851}$	60n	2+0	8+0	18+0	21+1	0+9	1+0	0+0	$\frac{4.580M}{ce21.0s}$
$\frac{1057.56}{1057.0}$	Pm_{61}^{130}	$\frac{129.93987}{129.94045}$	61n	2+0	8+0	18+0	20+0	5+7	0+1	0+0	$\frac{11.40M}{ce2.60s}$
$\frac{1048.72}{1048.3}$	Sm_{62}^{130}	$\frac{129.94852}{129.94892}$	62n	2+0	8+0	18+0	18+0	9+5	1+1	0+0	$\frac{8.300M}{ce1.0s}$
$\frac{1033.66}{1033.9}$	Eu_{63}^{130}	$\frac{129.96385}{129.96357}$	63n	2+0	8+0	18+0	14+0	17+2	0+2	0+0	$\frac{1.54024M}{p 1.10ms}$