

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 123**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1006.12}{-}$	Rh ₄₅ ¹²³	$\frac{122.94788}{-}$	45n	2+0	8+0	0+9	0+14	0+6	1+3	1+1	$\frac{7.280\text{M}}{n\beta^- >403\text{ns}}$
$\frac{1017.71}{1017.4}$	Pd ₄₆ ¹²³	$\frac{122.93459}{122.93493}$	46n	2+0	8+0	4+7	0+15	0+6	0+2	1+1	$\frac{8.900\text{M}}{\beta^- 174\text{ms}}$
$\frac{1025.92}{1026.0}$	Ag ₄₇ ¹²³	$\frac{122.92494}{122.92490}$	47n	2+0	8+0	6+6	0+16	1+4	1+2	0+1	$\frac{7.770\text{M}}{\beta^- 300\text{ms}}$
$\frac{1032.20}{1032.5}$	Cd ₄₈ ¹²³	$\frac{122.91736}{122.91700}$	48n	2+0	8+0	10+4	0+16	1+5	0+1	0+1	$\frac{6.110\text{M}}{\beta^- 2.10\text{s}}$
$\frac{1037.715}{1037.9}$	In ₄₉ ¹²³	$\frac{122.91059}{122.91044}$	49n	2+0	8+0	12+3	0+16	0+6	1+0	1+0	$\frac{4.390\text{M}}{\beta^- 6.17\text{s}}$
$\frac{1041.62}{1041.5}$	Sn ₅₀ ¹²³	$\frac{122.90517}{122.90572}$	50n	2+0	8+0	16+1	0+16	0+6	1+0	0+0	$\frac{1.409\text{M}}{\beta^- 129.2\text{d}}$
$\frac{1041.54}{1042.1}$	Sb ₅₁ ¹²³	$\frac{122.90481}{122.904214}$	51n	2+0	8+0	18+0	2+15	0+5	0+1	0+0	st 42.79%
$\frac{1041.15}{1041.3}$	Te ₅₂ ¹²³	$\frac{122.90439}{122.90427}$	52n	2+0	8+0	18+0	4+14	0+4	1+1	0+0	$\frac{52.7\text{K}}{ce^{9.2 \cdot 10^{16}a}}$ 0.89%
$\frac{1039.47}{1039.3}$	I ₅₃ ¹²³	$\frac{122.90535}{122.905589}$	53n	2+0	8+0	18+0	6+12	1+5	1+0	0+0	$\frac{1.228\text{M}}{ce^{13.2235h}}$
$\frac{1035.765}{1035.8}$	Xe ₅₄ ¹²³	$\frac{122.90849}{122.908482}$	54n	2+0	8+0	18+0	11+9	0+5	0+1	0+0	$\frac{2.696\text{M}}{ce^{2.08h}}$
$\frac{1030.46}{1030.8}$	Cs ₅₅ ¹²³	$\frac{122.91335}{122.912996}$	55n	2+0	8+0	18+0	13+7	1+5	0+1	0+0	$\frac{4.206\text{M}}{ce^{5.88m}}$
$\frac{1024.80}{1024.6}$	Ba ₅₆ ¹²³	$\frac{122.91858}{122.91878}$	56n	2+0	8+0	18+0	17+4	0+6	0+1	0+0	$\frac{5.389\text{M}}{ce^{2.70m}}$
$\frac{1017.51}{1016.9}$	La ₅₇ ¹²³	$\frac{122.92557}{122.92624}$	57n	2+0	8+0	18+0	18+2	1+7	1+0	0+0	$\frac{6.950\text{M}}{ce^{17.0s}}$
$\frac{1006.79}{1007.6}$	Ce ₅₈ ¹²³	$\frac{122.93624}{122.93540}$	58n	2+0	8+0	18+0	19+0	4+6	0+1	0+0	$\frac{8.600\text{M}}{ce^{3.80s}}$
$\frac{997.206}{996.95}$	Pr ₅₉ ¹²³	$\frac{122.94569}{122.94596}$	59n	2+0	8+0	18+0	16+0	10+4	0+1	0+0	$\frac{10.00\text{M}}{ce^{800ms}}$