

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 121**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta_{np} \cdot T_{1/2}}$
$\frac{988.554}{-}$	Ru ₄₄ ¹²¹	$\frac{120.95024}{-}$	44n	2+0	8+0	0+9	1+13	0+6	0+4	0+1	$\frac{4.036M}{n\beta^- > 390ns}$
$\frac{998.041}{998.51}$	Rh ₄₅ ¹²¹	$\frac{120.93922}{120.93872}$	45n	2+0	8+0	0+9	1+14	1+5	1+2	1+1	$\frac{9.80M}{\beta^- 151ms}$
$\frac{1006.87}{1006.9}$	Pd ₄₆ ¹²¹	$\frac{120.92890}{120.92887}$	46n	2+0	8+0	4+7	1+15	1+4	0+2	1+1	$\frac{8.10M}{\beta^- 285ms}$
$\frac{1014.69}{1014.5}$	Ag ₄₇ ¹²¹	$\frac{120.91967}{120.91985}$	47n	2+0	8+0	8+5	0+16	0+4	1+2	1+0	$\frac{6.650M}{\beta^- 780ms}$
$\frac{1020.05}{1020.1}$	Cd ₄₈ ¹²¹	$\frac{120.91307}{120.91298}$	48n	2+0	8+0	12+3	0+16	0+5	1+0	0+1	$\frac{4.780M}{\beta^- 13.5s}$
$\frac{1023.74}{1024.1}$	In ₄₉ ¹²¹	$\frac{120.90827}{120.90785}$	49n	2+0	8+0	14+2	1+15	0+6	1+0	0+0	$\frac{3.360M}{\beta^- 23.1s}$
$\frac{1026.45}{1026.7}$	Sn ₅₀ ¹²¹	$\frac{120.90452}{120.90424}$	50n	2+0	8+0	18+0	0+16	1+4	0+1	0+0	$\frac{403.0K}{\beta^- 27.03h}$
$\frac{1026.48}{1026.3}$	Sb ₅₁ ¹²¹	$\frac{120.90365}{120.903816}$	51n	2+0	8+0	18+0	3+14	0+5	1+0	0+0	$\frac{st}{57.21\%}$
$\frac{1024.53}{1024.5}$	Te ₅₂ ¹²¹	$\frac{120.90490}{120.904936}$	52n	2+0	8+0	18+0	5+13	1+3	1+1	0+0	$\frac{1.050M}{ce 19.17d}$
$\frac{1021.26}{1021.5}$	I ₅₃ ¹²¹	$\frac{120.90757}{120.907367}$	53n	2+0	8+0	18+0	9+10	1+4	0+1	0+0	$\frac{2.290M}{ce 2.12h}$
$\frac{1016.18}{1016.9}$	Xe ₅₄ ¹²¹	$\frac{120.91219}{120.911462}$	54n	2+0	8+0	18+0	13+7	0+5	0+1	0+0	$\frac{3.780M}{ce 40.1m}$
$\frac{1010.73}{1010.7}$	Cs ₅₅ ¹²¹	$\frac{120.91720}{120.917229}$	55n	2+0	8+0	18+0	15+5	1+5	0+1	0+0	$\frac{5.372M}{ce 155s}$
$\frac{1003.66}{1003.6}$	Ba ₅₆ ¹²¹	$\frac{120.92395}{120.92405}$	56n	2+0	8+0	18+0	18+2	0+7	1+0	0+0	$\frac{6.360M}{ce 29.7s}$
$\frac{994.693}{994.44}$	La ₅₇ ¹²¹	$\frac{120.93274}{120.93301}$	57n	2+0	8+0	18+0	19+0	2+7	1+0	0+0	$\frac{8.300M}{ce 5.30s}$
$\frac{983.564}{983.96}$	Ce ₅₈ ¹²¹	$\frac{120.94384}{120.94342}$	58n	2+0	8+0	18+0	17+0	8+3	0+2	0+0	$\frac{9.900M}{ce 1.10s}$
$\frac{972.266}{971.90}$	Pr ₅₉ ¹²¹	$\frac{120.95513}{120.955536}$	59n	2+0	8+0	18+0	14+0	13+1	1+2	0+0	$\frac{1.34462M}{ce 10.0ms}$