

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 155**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1228.16}{-}$	Cs_{55}^{155}	$\frac{154.97838}{-}$	55n	2+0	8+0	0+9	0+16	0+5	0+14	0+1	$\frac{6.010M}{n\beta^-}$
$\frac{1237.69}{-}$	Ba_{56}^{155}	$\frac{154.96731}{-}$	56n	2+0	8+0	2+8	0+16	0+7	0+12	1+0	$\frac{7.610M}{\beta^-}$
$\frac{1245.28}{1245.3}$	La_{57}^{155}	$\frac{154.95833}{154.95835}$	57n	2+0	8+0	6+6	0+16	0+9	0+9	0+1	$\frac{9.800M}{\beta^- 60.0\text{ms}}$
$\frac{1254.57}{1254.1}$	Ce_{58}^{155}	$\frac{154.94751}{154.94804}$	58n	2+0	8+0	8+5	0+16	0+11	0+7	1+0	$\frac{7.500M}{\beta^- 200\text{ms}}$
$\frac{1260.33}{1260.7}$	Pr_{59}^{155}	$\frac{154.94049}{154.94012}$	59n	2+0	8+0	10+4	0+16	1+12	1+4	0+1	$\frac{6.700M}{\beta^- 1\text{s}}$
$\frac{1267.19}{1266.6}$	Nd_{60}^{155}	$\frac{154.93228}{154.93293}$	60n	2+0	8+0	14+2	0+16	1+13	0+4	0+0	$\frac{4.500M}{\beta^- 8.90\text{s}}$
$\frac{1270.43}{1270.3}$	Pm_{61}^{155}	$\frac{154.92797}{154.92810}$	61n	2+0	8+0	18+0	0+16	0+14	0+3	0+0	$\frac{3.220M}{\beta^- 41.5\text{s}}$
$\frac{1272.37}{1272.7}$	Sm_{62}^{155}	$\frac{154.92388}{154.92464}$	62n	2+0	8+0	18+0	2+14	0+17	1+0	0+0	$\frac{1.6264M}{\beta^- 22.3\text{m}}$
$\frac{1273.33}{1273.6}$	Eu_{63}^{155}	$\frac{154.92317}{154.922893}$	63n	2+0	8+0	18+0	5+13	1+15	0+1	0+0	$\frac{252.5K}{\beta^- 4.753\text{a}}$
$\frac{1272.98}{1273.1}$	Gd_{64}^{155}	$\frac{154.92271}{154.922622}$	64n	2+0	8+0	18+0	8+11	1+16	0+0	0+0	st 14.80%
$\frac{1271.61}{1271.5}$	Tb_{65}^{155}	$\frac{154.92334}{154.923505}$	65n	2+0	8+0	18+0	12+10	0+13	0+2	0+0	$\frac{823.0K}{ce 5.32d}$
$\frac{1268.88}{1268.6}$	Dy_{66}^{155}	$\frac{154.92543}{154.925754}$	66n	2+0	8+0	18+0	14+9	0+12	1+2	0+0	$\frac{2.0945M}{ce 9.90h}$
$\frac{1264.25}{1264.7}$	Ho_{67}^{155}	$\frac{154.92956}{154.929103}$	67n	2+0	8+0	18+0	16+8	1+10	1+3	0+0	$\frac{3.113M}{ce 48.0\text{m}}$
$\frac{1260.00}{1260.1}$	Er_{68}^{155}	$\frac{154.93328}{154.933209}$	68n	2+0	8+0	18+0	18+7	1+9	1+3	1+0	$\frac{3.830M}{ce 5.30\text{m}}$
$\frac{1253.17}{1253.7}$	Tm_{69}^{155}	$\frac{154.93978}{154.939199}$	69n	2+0	8+0	18+0	22+5	1+7	0+5	1+0	$\frac{5.583M}{ce 21.6\text{s}}$
$\frac{1246.72}{1246.8}$	Yb_{70}^{155}	$\frac{154.94586}{154.945782}$	70n	2+0	8+0	18+0	26+3	0+6	1+5	0+1	$\frac{5.3376M}{\alpha 1.793\text{s}}$
$\frac{1237.91}{1238.1}$	Lu_{71}^{155}	$\frac{154.95448}{154.954316}$	71n	2+0	8+0	18+0	29+1	0+5	1+6	0+1	$\frac{5.803M}{\alpha 68.0\text{ms}}$
$\frac{1228.58}{1228.8}$	Hf_{72}^{155}	$\frac{154.96366}{154.96339}$	72n	2+0	8+0	18+0	32+0	0+2	0+7	1+2	$\frac{8.400M}{ce 0.84\text{s}}$
$\frac{1217.68}{1217.6}$	Ta_{73}^{155}	$\frac{154.97452}{154.97459}$	73n	2+0	8+0	18+0	29+0	5+0	2+8	0+1	$\frac{2.28543M}{p 13\mu\text{s}}$