

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 158**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1257.75}{-}$	La_{57}^{158}	$\frac{157.97093}{-}$	57n	2+0	8+0	2+8	0+16	1+7	0+12	0+1	$\frac{8.410M}{\beta^-}$
$\frac{1266.16}{-}$	Ce_{58}^{158}	$\frac{157.96106}{-}$	58n	2+0	8+0	4+7	0+16	1+9	1+9	0+1	$\frac{8.290M}{\beta^- 50ms}$
$\frac{1274.45}{1273.8}$	Pr_{59}^{158}	$\frac{157.95133}{157.95198}$	59n	2+0	8+0	8+5	0+16	1+11	0+7	0+1	$\frac{9.700M}{\beta^- 200ms}$
$\frac{1282.60}{1282.7}$	Nd_{60}^{158}	$\frac{157.94174}{157.94160}$	60n	2+0	8+0	10+4	0+16	1+13	1+4	0+1	$\frac{4.700M}{\beta^- 700ms}$
$\frac{1286.86}{1286.6}$	Pm_{61}^{158}	$\frac{157.93632}{157.93656}$	61n	2+0	8+0	14+2	0+16	0+14	0+4	1+0	$\frac{6.080M}{\beta^- 4.80s}$
$\frac{1291.70}{1292.0}$	Sm_{62}^{158}	$\frac{157.93029}{157.92999}$	62n	2+0	8+0	16+1	1+14	0+19	1+0	0+0	$\frac{1.999M}{\beta^- 5.30m}$
$\frac{1293.84}{1293.2}$	Eu_{63}^{158}	$\frac{157.92715}{157.92785}$	63n	2+0	8+0	18+0	2+15	0+15	1+2	0+0	$\frac{3.490M}{\beta^- 45.9m}$
$\frac{1295.46}{1295.9}$	Gd_{64}^{158}	$\frac{157.92457}{157.924104}$	64n	2+0	8+0	18+0	6+12	0+18	0+0	0+0	$\frac{st}{24.84\%}$
$\frac{1294.21}{1293.9}$	Tb_{65}^{158}	$\frac{157.92507}{157.925413}$	65n	2+0	8+0	18+0	8+12	1+14	0+2	0+0	$\frac{1.2194M}{ce 180a}$
$\frac{1293.23}{1294.0}$	Dy_{66}^{158}	$\frac{157.92529}{157.924409}$	66n	2+0	8+0	18+0	12+10	0+14	0+2	0+0	$\frac{st}{0.095\%}$
$\frac{1288.73}{1289.0}$	Ho_{67}^{158}	$\frac{157.92928}{157.928941}$	67n	2+0	8+0	18+0	14+9	1+12	0+3	0+0	$\frac{4.220M}{ce 11.3m}$
$\frac{1287.26}{1287.4}$	Er_{68}^{158}	$\frac{157.93001}{157.929893}$	68n	2+0	8+0	18+0	18+7	0+12	0+3	0+0	$\frac{880.0K}{ce 2.29h}$
$\frac{1279.56}{1280.0}$	Tm_{69}^{158}	$\frac{157.93744}{157.93698}$	69n	2+0	8+0	18+0	20+6	0+10	0+4	1+0	$\frac{6.600M}{ce 3.98m}$
$\frac{1276.59}{1276.5}$	Yb_{70}^{158}	$\frac{157.93979}{157.939866}$	70n	2+0	8+0	18+0	22+5	1+9	1+3	0+1	$\frac{2.690M}{ce 1.49m}$
$\frac{1267.65}{1266.9}$	Lu_{71}^{158}	$\frac{157.94855}{157.949313}$	71n	2+0	8+0	18+0	26+3	0+7	1+5	0+1	$\frac{8.796M}{ce 10.6s}$
$\frac{1261.35}{1261.0}$	Hf_{72}^{158}	$\frac{157.95447}{157.954799}$	72n	2+0	8+0	18+0	28+2	1+6	0+5	0+1	$\frac{5.110M}{ce 2.85s}$
$\frac{1249.15}{1249.2}$	Ta_{73}^{158}	$\frac{157.96673}{157.96670}$	73n	2+0	8+0	18+0	31+0	1+3	1+8	0+1	$\frac{6.124M}{\alpha 55.0ms}$
$\frac{1241.05}{1241.1}$	W_{74}^{158}	$\frac{157.97458}{157.97456}$	74n	2+0	8+0	18+0	31+0	3+0	2+9	0+1	$\frac{6.613M}{\alpha 1.25ms}$