

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 143**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1143.97}{-}$	Sb_{51}^{143}	$\frac{142.96815}{-}$	51n	2+0	6+1	0+9	1+15	1+4	0+11	0+1	$\frac{8.930M}{n\beta^-}$
$\frac{1155.58}{-}$	Te_{52}^{143}	$\frac{142.95484}{-}$	52n	2+0	8+0	2+8	0+16	0+6	1+8	0+1	$\frac{4.820M}{\beta^- > 408\text{ns}}$
$\frac{1164.43}{1164.4}$	I_{53}^{143}	$\frac{142.94450}{142.94456}$	53n	2+0	8+0	6+6	0+16	0+8	0+6	0+1	$\frac{9.100M}{\beta^- 130\text{ms}}$
$\frac{1171.95}{1172.4}$	Xe_{54}^{143}	$\frac{142.93559}{142.93511}$	54n	2+0	8+0	8+5	0+16	0+9	1+5	0+0	$\frac{7.472M}{\beta^- 511\text{ms}}$
$\frac{1179.01}{1178.8}$	Cs_{55}^{143}	$\frac{142.92717}{142.927352}$	55n	2+0	8+0	10+4	0+16	1+10	1+3	0+0	$\frac{6.262M}{\beta^- 1.791\text{s}}$
$\frac{1184.43}{1184.3}$	Ba_{56}^{143}	$\frac{142.92051}{142.920627}$	56n	2+0	8+0	14+2	0+16	1+11	0+2	0+0	$\frac{4.234M}{\beta^- 14.5\text{s}}$
$\frac{1188.11}{1187.8}$	La_{57}^{143}	$\frac{142.91572}{142.916063}$	57n	2+0	8+0	18+0	0+16	0+12	0+1	0+0	$\frac{3.434M}{\beta^- 14.2\text{m}}$
$\frac{1190.06}{1190.4}$	Ce_{58}^{143}	$\frac{142.91279}{142.912386}$	58n	2+0	8+0	18+0	2+15	0+12	1+0	0+0	$\frac{1.4619M}{\beta^- 33.039\text{h}}$
$\frac{1191.77}{1191.1}$	Pr_{59}^{143}	$\frac{142.91011}{142.910817}$	59n	2+0	8+0	18+0	6+13	0+12	0+0	0+0	$\frac{934.1K}{\beta^- 13.57\text{d}}$
$\frac{1191.70}{1191.3}$	Nd_{60}^{143}	$\frac{142.90935}{142.909814}$	60n	2+0	8+0	18+0	8+12	1+11	0+0	0+0	st 12.2%
$\frac{1189.80}{1189.4}$	Pm_{61}^{143}	$\frac{142.91055}{142.910933}$	61n	2+0	8+0	18+0	10+11	1+10	1+0	0+0	$\frac{1.041M}{ce 265.0\text{d}}$
$\frac{1184.72}{1185.2}$	Sm_{62}^{143}	$\frac{142.91516}{142.914628}$	62n	2+0	8+0	18+0	15+8	0+10	0+1	0+0	$\frac{3.443M}{ce 8.75\text{m}}$
$\frac{1179.57}{1179.2}$	Eu_{63}^{143}	$\frac{142.91985}{142.920298}$	63n	2+0	8+0	18+0	17+6	0+11	1+0	0+0	$\frac{5.275M}{ce 2.59\text{m}}$
$\frac{1172.52}{1172.4}$	Gd_{64}^{143}	$\frac{142.92658}{142.92675}$	64n	2+0	8+0	18+0	19+4	1+11	1+0	0+0	$\frac{6.010M}{ce 39.0\text{s}}$
$\frac{1163.60}{1163.8}$	Tb_{65}^{143}	$\frac{142.93532}{142.93512}$	65n	2+0	8+0	18+0	23+4	0+3	1+6	0+0	$\frac{7.810M}{ce 12.0\text{s}}$
$\frac{1154.66}{1154.9}$	Dy_{66}^{143}	$\frac{142.94407}{142.94383}$	66n	2+0	8+0	18+0	24+3	2+1	0+7	1+0	$\frac{8.250M}{ce 5.60\text{s}}$
$\frac{1144.02}{1144.1}$	Ho_{67}^{143}	$\frac{142.95466}{142.95461}$	67n	2+0	8+0	18+0	28+0	2+1	0+7	0+1	$\frac{10.10M}{ce 300\text{ms}}$
$\frac{1132.23}{1132.4}$	Er_{68}^{143}	$\frac{142.96647}{142.96634}$	68n	2+0	8+0	18+0	24+0	8+0	0+7	1+0	$\frac{10.80M}{ce 200\text{ms}}$