TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con $A = 141$

$\frac{E_c(MeV)}{E_s(MeV)}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(eV)}{\beta np\ -T_{1/2}}$
$\frac{1138.54}{-}$	Sb_{51}^{141}	$\frac{140.95664}{-}$	51n	2+0	8+0	2+8	0+16	0+5	0+9	0+1	$\frac{7.760M}{n\beta^-}$
$\frac{1148.91}{1148.9}$	Te_{52}^{141}	$\frac{140.94465}{140.94465}$	52n	2+0	8+0	4+7	0+16	1+7	0+6	0+1	$\frac{4.600M}{n\beta^- >150ns}$
$\frac{1157.72}{1157.1}$	I_{53}^{141}	$\frac{140.93438}{140.93503}$	53n	2+0	8+0	6+6	0+16	1+9	1+3	0+1	$\frac{7.900M}{\beta^- 430ms}$
$\frac{1163.75}{1164.1}$	Xe_{54}^{141}	$\frac{140.92706}{140.92665}$	54n	2+0	8+0	10+4	0+16	0+10	1+3	0+0	$\frac{6.283M}{\beta^- 1.73s}$
$\frac{1169.28}{1169.5}$	Cs_{55}^{141}	$\frac{140.92028}{140.920046}$	55n	2+0	8+0	14+2	0+16	0+11	0+2	0+0	$\frac{5.253M}{\beta^- 24.84s}$
$\frac{1174.63}{1174.0}$	Ba_{56}^{141}	$\frac{140.91370}{140.914411}$	56n	2+0	8+0	16+1	0+16	0+12	1+0	0+0	$\frac{3.201M}{\beta^- 18.27m}$
$\frac{1176.75}{1176.4}$	La_{57}^{141}	$\frac{140.91059}{140.910962}$	57n	2+0	8+0	18+0	2+15	0+12	0+0	0+0	$\frac{2.501M}{\beta^- 3.92h}$
$\frac{1177.10}{1178.1}$	Ce_{58}^{141}	$\frac{140.90937}{140.908276}$	58n	2+0	8+0	18+0	4+14	1+11	0+0	0+0	$\frac{580.4K}{\beta^- 32.508d}$
$\frac{1177.19}{1177.9}$	Pr_{59}^{141}	$\frac{140.90843}{140.907653}$	59n	2+0	8+0	18+0	8+12	0+11	0+0	0+0	**st**
$\frac{1175.47}{1175.3}$	Nd_{60}^{141}	$\frac{140.90944}{140.90961}$	60n	2+0	8+0	18+0	10+11	0+10	1+0	0+0	$\frac{1.823M}{ce\ 2.49h}$
$\frac{1170.58}{1170.9}$	Pm_{61}^{141}	$\frac{140.91385}{140.913555}$	61n	2+0	8+0	18+0	13+9	1+9	0+1	0+0	$\frac{3.670M}{ce\ 20.90m}$
$\frac{1165.63}{1165.5}$	Sm_{62}^{141}	$\frac{140.91833}{140.918476}$	62n	2+0	8+0	18+0	15+7	1+10	1+0	0+0	$\frac{4.589M}{ce\ 10.2m}$
$\frac{1158.77}{1158.7}$	Eu_{63}^{141}	$\frac{140.92485}{140.924931}$	63n	2+0	8+0	18+0	19+4	0+11	1+0	0+0	$\frac{6.009M}{ce\ 40.7s}$
$\frac{1151.60}{1151.2}$	Gd_{64}^{141}	$\frac{140.93171}{140.932126}$	64n	2+0	8+0	18+0	21+2	1+11	1+0	0+0	$\frac{6.701M}{ce\ 14.0s}$
$\frac{1141.97}{1141.7}$	Tb_{65}^{141}	$\frac{140.94121}{140.94145}$	65n	2+0	8+0	18+0	26+2	0+2	0+6	0+1	$\frac{8.680M}{ce\ 3.50s}$
$\frac{1131.86}{1131.7}$	Dy_{66}^{141}	$\frac{140.95122}{140.95135}$	66n	2+0	8+0	18+0	26+1	1+1	1+7	1+0	$\frac{9.300M}{ce\ 0.90s}$
$\frac{1120.43}{1120.0}$	Ho_{67}^{141}	$\frac{140.96265}{140.96310}$	67n	2+0	8+0	18+0	26+0	2+0	3+7	1+0	$\frac{1.68928M}{p\ 4.1ms}$

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