TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con $A = 177$

$\frac{E_c(MeV)}{E_s(MeV)}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(eV)}{\beta np\ -T_{1/2}}$
$\frac{1413.18}{-}$	Ho^{177}_{67}	$\frac{176.96031}{-}$	67n	2+0	8+0	12+3	0+16	1+16	1+7	0+1	$\frac{5.020M}{\beta^-}$
$\frac{1418.25}{1418.2}$	Er^{177}_{68}	$\frac{176.95402}{176.95405}$	68n	2+0	8+0	14+2	0+16	1+17	1+6	1+0	$\frac{4.600M}{\beta^-\ 3s}$
$\frac{1422.17}{1422.1}$	Tm^{177}_{69}	$\frac{176.94898}{176.94904}$	69n	2+0	8+0	18+0	0+16	1+18	0+5	1+0	$\frac{3.500M}{\beta^-\ 90.0s}$
$\frac{1425.23}{1424.8}$	Yb^{177}_{70}	$\frac{176.94485}{176.945261}$	70n	2+0	8+0	18+0	4+14	0+19	1+4	0+0	$\frac{1.4008M}{\beta^-1.911h}$
$\frac{1425.42}{1425.5}$	Lu^{177}_{71}	$\frac{176.94381}{176.943758}$	71n	2+0	8+0	18+0	8+12	0+19	0+4	0+0	$\frac{500.7K}{\beta^-\ 6.647d}$
$\frac{1425.39}{1425.2}$	Hf^{177}_{72}	$\frac{176.94300}{176.943221}$	72n	2+0	8+0	18+0	10+11	0+19	1+3	0+0	$\frac{\mathbf{st}}{18.69\%}$
$\frac{1423.44}{1423.2}$	Ta^{177}_{73}	$\frac{176.94425}{176.944472}$	73n	2+0	8+0	18+0	12+10	1+18	1+3	0+0	$\frac{1.166K}{ce\ 56.56h}$
$\frac{1420.24}{1420.4}$	W^{177}_{74}	$\frac{176.94685}{176.94664}$	74n	2+0	8+0	18+0	16+8	0+18	0+3	1+0	$\frac{2.020M}{ce\ 132m}$
$\frac{1416.11}{1416.2}$	Re^{177}_{75}	$\frac{176.95044}{176.95033}$	75n	2+0	8+0	18+0	18+7	0+17	1+3	1+0	$\frac{3.430M}{ce\ 14.0m}$
$\frac{1410.70}{1411.1}$	Os^{177}_{76}	$\frac{176.95541}{176.954965}$	76n	2+0	8+0	18+0	20+6	0+16	1+3	0+1	$\frac{4.320M}{ce\ 3.0m}$
$\frac{1404.37}{1404.4}$	Ir^{177}_{77}	$\frac{176.96137}{176.961302}$	77n	2+0	8+0	18+0	24+4	1+14	1+4	0+1	$\frac{5.900M}{ce\ 30.0s}$
$\frac{1397.78}{1397.0}$	Pt^{177}_{78}	$\frac{176.96760}{176.968469}$	78n	2+0	8+0	18+0	28+2	0+13	1+5	0+1	$\frac{6.677M}{ce\ 10.6s}$
$\frac{1388.48}{1388.4}$	Au^{177}_{79}	$\frac{176.97674}{176.976865}$	79n	2+0	8+0	18+0	30+1	1+10	0+8	1+0	$\frac{6.299M}{\alpha\ 1.53s}$
$\frac{1378.55}{1378.8}$	Hg^{177}_{80}	$\frac{176.98656}{176.98628}$	80n	2+0	8+0	18+0	32+0	3+7	0+9	0+1	$\frac{6.740M}{\alpha\ 118ms}$
$\frac{1368.72}{1368.6}$	Tl^{177}_{81}	$\frac{176.99628}{176.996427}$	81n	2+0	8+0	18+0	32+0	4+4	1+11	1+0	$\frac{7.067M}{\alpha\ 18.0ms}$