TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con $A = 197$

$\frac{E_c(MeV)}{E_s(MeV)}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(eV)}{\beta np\ -T_{1/2}}$
$\frac{1551.98}{-}$	Re^{197}_{75}	$\frac{196.97788}{-}$	75n	2+0	8+0	18+0	0+16	0+21	0+9	0+1	$\frac{4.180M}{\beta^-}$
$\frac{1556.13}{-}$	Os^{197}_{76}	$\frac{196.97258}{-}$	76n	2+0	8+0	18+0	2+15	0+22	0+8	1+0	$\frac{2.960M}{\beta^- 2.80m}$
$\frac{1558.39}{1558.1}$	Ir^{197}_{77}	$\frac{196.96932}{196.969653}$	77n	2+0	8+0	18+0	4+14	1+22	1+7	0+0	$\frac{2.156M}{\beta^- 2.80m}$
$\frac{1559.41}{1559.4}$	Pt^{197}_{78}	$\frac{196.96738}{196.967340}$	78n	2+0	8+0	18+0	8+12	0+23	1+6	0+0	$\frac{719.0K}{\beta^- 19.8915h}$
$\frac{1560.25}{1559.4}$	Au^{197}_{79}	$\frac{196.96564}{196.966569}$	79n	2+0	8+0	18+0	10+11	1+23	1+5	0+0	**st**
$\frac{1559.13}{1558.0}$	Hg^{197}_{80}	$\frac{196.96600}{196.967213}$	80n	2+0	8+0	18+0	14+9	1+23	0+5	0+0	$\frac{600.0K}{ce\ 64.14h}$
$\frac{1554.25}{1555.0}$	Tl^{197}_{81}	$\frac{196.97040}{196.969575}$	81n	2+0	8+0	18+0	16+8	1+22	1+5	0+0	$\frac{2.200M}{ce\ 2.84h}$
$\frac{1550.57}{1550.6}$	Pb^{197}_{82}	$\frac{196.97347}{196.973431}$	82n	2+0	8+0	18+0	20+6	1+22	0+4	0+1	$\frac{3.592M}{ce\ 8.10m}$
$\frac{1544.52}{1544.8}$	Bi^{197}_{83}	$\frac{196.97917}{196.978864}$	83n	2+0	8+0	18+0	22+5	0+21	1+5	1+0	$\frac{5.062M}{ce\ 9.33m}$
$\frac{1537.22}{1537.7}$	Po^{197}_{84}	$\frac{196.98617}{196.98566}$	84n	2+0	8+0	18+0	24+4	1+19	1+6	1+0	$\frac{6.330M}{ce\ 84.0s}$
$\frac{1529.76}{1529.9}$	At^{197}_{85}	$\frac{196.99333}{196.99319}$	85n	2+0	8+0	18+0	28+2	0+18	1+7	1+0	$\frac{7.100M}{\alpha\ 388ms}$
$\frac{1521.03}{1521.3}$	Rn^{197}_{86}	$\frac{197.00186}{197.00158}$	86n	2+0	8+0	18+0	32+0	1+16	0+8	0+1	$\frac{7.410M}{\alpha\ 53ms}$