TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con $A = 181$

$\frac{E_c(MeV)}{E_s(MeV)}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(eV)}{\beta np\ -T_{1/2}}$
$\frac{1441.86}{-}$	Tm_{69}^{181}	$\frac{180.96248}{-}$	69n	2+0	8+0	14+2	0+16	1+17	1+7	0+1	$\frac{5.140M}{\beta^-}$
$\frac{1447.36}{1447.0}$	Yb_{70}^{181}	$\frac{180.95575}{180.95615}$	70n	2+0	8+0	18+0	0+16	0+19	1+5	0+1	$\frac{3.900M}{\beta^- 1m}$
$\frac{1450.34}{1450.1}$	Lu_{71}^{181}	$\frac{180.95171}{180.95197}$	71n	2+0	8+0	18+0	4+14	1+19	0+5	1+0	$\frac{2.700M}{\beta^- 3.50m}$
$\frac{1451.43}{1452.0}$	Hf_{72}^{181}	$\frac{180.94970}{180.949101}$	72n	2+0	8+0	18+0	6+13	1+19	0+5	0+0	$\frac{1.0347M}{\beta^- 42.39d}$
$\frac{1453.01}{1452.2}$	Ta_{73}^{181}	$\frac{180.94717}{180.947996}$	73n	2+0	8+0	18+0	10+11	0+20	0+4	0+0	$\frac{st}{99.988\%}$
$\frac{1450.96}{1451.3}$	W_{74}^{181}	$\frac{180.94853}{180.948197}$	74n	2+0	8+0	18+0	12+10	1+19	0+4	0+0	$\frac{188.0K}{ce\ 121.2d}$
$\frac{1448.70}{1448.7}$	Re_{75}^{181}	$\frac{180.950068}{180.950068}$	75n	2+0	8+0	18+0	16+8	0+19	0+4	0+0	$\frac{1.730M}{ce\ 19.9h}$
$\frac{1445.16}{1445.0}$	Os_{76}^{181}	$\frac{180.95308}{180.95324}$	76n	2+0	8+0	18+0	16+8	1+18	1+3	1+0	$\frac{2.970M}{ce\ 105m}$
$\frac{1439.65}{1440.1}$	Ir_{77}^{181}	$\frac{180.95815}{180.957625}$	77n	2+0	8+0	18+0	20+6	1+17	1+3	0+1	$\frac{4.080M}{ce\ 4.90m}$
$\frac{1434.26}{1434.3}$	Pt_{78}^{181}	$\frac{180.96310}{180.963097}$	78n	2+0	8+0	18+0	24+4	0+16	0+5	1+0	$\frac{5.100M}{ce\ 52.0s}$
$\frac{1426.50}{1427.0}$	Au_{79}^{181}	$\frac{180.97059}{180.970079}$	79n	2+0	8+0	18+0	26+3	1+14	1+5	0+1	$\frac{6.503M}{ce\ 13.7s}$
$\frac{1418.88}{1419.0}$	Hg_{80}^{181}	$\frac{180.97795}{180.977819}$	80n	2+0	8+0	18+0	28+2	1+12	1+7	1+0	$\frac{7.210M}{ce\ 3.60s}$
$\frac{1409.90}{1410.3}$	Tl_{81}^{181}	$\frac{180.98673}{180.986257}$	81n	2+0	8+0	18+0	32+0	1+10	0+9	1+0	$\frac{7.862M}{ce\ 3.20s}$
$\frac{1399.61}{1399.9}$	Pb_{82}^{181}	$\frac{180.99694}{180.99662}$	82n	2+0	8+0	18+0	32+0	5+6	0+10	0+1	$\frac{7.252M}{\alpha\ 36.0ms}$