TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con $A = 228$

$\frac{E_c(MeV)}{E_s(MeV)}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(eV)}{\beta np\text{-}T_{1/2}}$
$\frac{1737.85}{-}$	Rn_{86}^{228}	$\frac{228.03771}{-}$	86n	2+0	8+0	18+0	0+16	1+21	0+19	1+0	$\frac{1.960M}{\beta^- 65.0s}$
$\frac{1739.12}{1738.9}$	Fr_{87}^{228}	$\frac{228.03551}{228.03573}$	87n	2+0	8+0	18+0	4+14	0+22	1+18	0+0	$\frac{4.340M}{\beta^- 38.0s}$
$\frac{1742.86}{1742.5}$	Ra_{88}^{228}	$\frac{228.03065}{228.031070}$	88n	2+0	8+0	18+0	6+13	1+23	1+16	0+0	$\frac{45.8K}{\beta^- 5.75a}$
$\frac{1740.96}{1741.7}$	Ac_{89}^{228}	$\frac{228.03185}{228.031021}$	89n	2+0	8+0	18+0	10+11	1+23	0+16	0+0	$\frac{2.134M}{\beta^- 6.15h}$
$\frac{1742.65}{1743.1}$	Th_{90}^{228}	$\frac{228.02920}{228.028741}$	90n	2+0	8+0	18+0	12+10	1+24	1+14	0+0	$\frac{5.52005M}{\alpha 1.9116a}$
$\frac{1740.50}{1740.1}$	Pa_{91}^{228}	$\frac{228.03067}{228.031051}$	91n	2+0	8+0	18+0	16+8	1+24	0+14	0+0	$\frac{2.155M}{ce 22.4h}$
$\frac{1738.97}{1739.1}$	U_{92}^{228}	$\frac{228.03147}{228.031374}$	92n	2+0	8+0	18+0	18+7	0+25	1+12	1+0	$\frac{6.804M}{\alpha 9.10m}$
$\frac{1733.56}{1733.8}$	Np_{93}^{228}	$\frac{228.03644}{228.03618}$	93n	2+0	8+0	18+0	22+5	1+24	0+12	0+1	$\frac{4.370M}{ce 61.4s}$
$\frac{1730.26}{1730.6}$	Pu_{94}^{228}	$\frac{228.03914}{228.03874}$	94n	2+0	8+0	18+0	24+4	0+24	1+12	1+0	$\frac{7.940M}{\alpha 1.10s}$
$\frac{1725.70}{-}$	Am_{95}^{228}	$\frac{228.04320}{-}$	95n	2+0	8+0	18+0	26+3	1+23	1+12	1+0	—