

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 216**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1671.27}{-}$	Pb_{82}^{216}	$\frac{216.00856}{-}$	82n	2+0	8+0	18+0	0+16	1+22	0+14	1+0	$\frac{1.790M}{\beta^- > 300ns}$
$\frac{1672.43}{1672.6}$	Bi_{83}^{216}	$\frac{216.00648}{216.006306}$	83n	2+0	8+0	18+0	4+14	1+23	0+12	0+1	$\frac{4.096M}{\beta^- 2.25m}$
$\frac{1676.37}{1675.9}$	Po_{84}^{216}	$\frac{216.001414}{216.001915}$	84n	2+0	8+0	18+0	8+12	0+25	0+10	0+1	$\frac{6.906M}{\alpha 145ms}$
$\frac{1674.79}{1674.6}$	At_{85}^{216}	$\frac{216.002271}{216.002423}$	85n	2+0	8+0	18+0	10+11	0+25	1+9	0+1	$\frac{7.950M}{\alpha 300\mu s}$
$\frac{1675.30}{1675.9}$	Rn_{86}^{216}	$\frac{216.000883}{216.000274}$	86n	2+0	8+0	18+0	14+9	0+25	0+10	0+0	$\frac{8.200M}{\alpha 45.0\mu s}$
$\frac{1672.37}{1672.4}$	Fr_{87}^{216}	$\frac{216.003198}{216.003198}$	87n	2+0	8+0	18+0	16+8	0+25	0+9	1+0	$\frac{9.174M}{\alpha 700ns}$
$\frac{1670.41}{1671.3}$	Ra_{88}^{216}	$\frac{216.004453}{216.003533}$	88n	2+0	8+0	18+0	18+7	0+25	1+8	1+0	$\frac{9.526M}{\alpha 182ns}$
$\frac{1666.47}{1665.7}$	Ac_{89}^{216}	$\frac{216.00784}{216.008720}$	89n	2+0	8+0	18+0	20+6	1+24	1+8	1+0	$\frac{9.235M}{\alpha 440\mu s}$
$\frac{1662.40}{1662.7}$	Th_{90}^{216}	$\frac{216.01137}{216.011062}$	90n	2+0	8+0	18+0	24+4	0+24	1+8	1+0	$\frac{8.073M}{\alpha 26.0ms}$
$\frac{1654.44}{1654.4}$	Pa_{91}^{216}	$\frac{216.01908}{216.01911}$	91n	2+0	8+0	18+0	26+3	1+22	1+9	1+0	$\frac{8.097M}{\alpha 150ms}$
$\frac{1648.19}{-}$	U_{92}^{216}	$\frac{216.02495}{-}$	92n	2+0	8+0	18+0	30+1	1+21	0+10	1+0	—
$\frac{1641.79}{-}$	Np_{93}^{216}	$\frac{216.03098}{-}$	93n	2+0	8+0	18+0	32+0	1+20	1+10	1+0	—