

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 208**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1624.25}{-}$	$\text{Au}_{79}^{208}$	$\frac{207.98843}{-}$	79n	2+0	8+0	16+1	0+16	1+22	1+11	1+0	$\frac{7.200M}{\beta^- > 300\text{ns}}$
$\frac{1629.37}{1629.3}$	$\text{Hg}_{80}^{208}$	$\frac{207.98591}{207.98594}$	80n	2+0	8+0	18+0	2+15	1+24	1+8	0+1	$\frac{3.490M}{\beta^- 41.0\text{m}}$
$\frac{1632.22}{1632.2}$	$\text{Tl}_{81}^{208}$	$\frac{207.982019}{207.982019}$	81n	2+0	8+0	18+0	6+13	0+25	1+8	0+0	$\frac{4.9969M}{\beta^- 3.053\text{m}}$
$\frac{1630.95}{1636.4}$	$\text{Pb}_{82}^{208}$	$\frac{207.98254}{207.976652}$	82n	2+0	8+0	18+0	10+11	0+25	0+8	0+0	$\frac{\text{st}}{52.4\%}$
$\frac{1629.49}{1632.8}$	$\text{Bi}_{83}^{208}$	$\frac{207.98326}{207.979742}$	83n	2+0	8+0	18+0	12+10	0+25	1+7	0+0	$\frac{2.8784M}{ce 3.68 \cdot 10^5 \text{h}}$
$\frac{1627.89}{1630.6}$	$\text{Po}_{84}^{208}$	$\frac{207.98414}{207.981246}$	84n	2+0	8+0	18+0	16+8	0+25	0+7	0+0	$\frac{5.2153M}{\alpha 2.878\text{a}}$
$\frac{1625.09}{1624.8}$	$\text{At}_{85}^{208}$	$\frac{207.98631}{207.986590}$	85n	2+0	8+0	18+0	18+7	0+25	0+6	1+0	$\frac{5.001M}{ce 1.63\text{h}}$
$\frac{1621.41}{1621.2}$	$\text{Rn}_{86}^{208}$	$\frac{207.98942}{207.989642}$	86n	2+0	8+0	18+0	20+6	1+24	0+6	1+0	$\frac{6.2607M}{\alpha 24.35\text{m}}$
$\frac{1613.93}{1613.4}$	$\text{Fr}_{87}^{208}$	$\frac{207.99661}{207.99714}$	87n	2+0	8+0	18+0	24+4	0+23	0+7	1+0	$\frac{6.780M}{\alpha 59.1\text{s}}$
$\frac{1608.12}{1608.3}$	$\text{Ra}_{88}^{208}$	$\frac{208.002005}{208.001840}$	88n	2+0	8+0	18+0	26+3	0+22	1+7	1+0	$\frac{7.273M}{\alpha 1.30\text{s}}$
$\frac{1598.46}{1598.4}$	$\text{Ac}_{89}^{208}$	$\frac{208.01154}{208.01155}$	89n	2+0	8+0	18+0	30+1	0+20	0+9	1+0	$\frac{7.730M}{\alpha 95.0\text{ms}}$
$\frac{1592.31}{-}$	$\text{Th}_{90}^{208}$	$\frac{208.01730}{-}$	90n	2+0	8+0	18+0	32+0	0+19	1+9	1+0	$\frac{8.200M}{\alpha 1.70\text{ms}}$