

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 207**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1619.78}{-}$	Au_{79}^{207}	$\frac{206.99228}{-}$	79n	2+0	8+0	18+0	0+16	0+23	1+10	1+0	$\frac{5.400M}{\beta^- > 300ns}$
$\frac{1624.89}{1624.4}$	Hg_{80}^{207}	$\frac{206.98206}{206.98259}$	80n	2+0	8+0	18+0	4+14	0+25	1+7	0+1	$\frac{4.820M}{\beta^- 2.90m}$
$\frac{1625.95}{1628.4}$	Tl_{81}^{207}	$\frac{206.98008}{206.977419}$	81n	2+0	8+0	18+0	8+12	0+25	0+8	0+0	$\frac{1.419M}{\beta^- 4.77m}$
$\frac{1624.66}{1629.1}$	Pb_{82}^{207}	$\frac{206.98062}{206.975897}$	82n	2+0	8+0	18+0	10+11	0+25	1+7	0+0	$\frac{\text{st}}{22.1\%}$
$\frac{1623.18}{1625.9}$	Bi_{83}^{207}	$\frac{206.98137}{206.978471}$	83n	2+0	8+0	18+0	14+9	0+25	0+7	0+0	$\frac{2.3974M}{ce 31.55a}$
$\frac{1621.55}{1622.2}$	Po_{84}^{207}	$\frac{206.98228}{206.981593}$	84n	2+0	8+0	18+0	16+8	0+25	1+6	0+0	$\frac{2.909M}{ce 5.80h}$
$\frac{1617.63}{1617.5}$	At_{85}^{207}	$\frac{206.98565}{206.985784}$	85n	2+0	8+0	18+0	20+6	0+25	0+5	0+1	$\frac{3.919M}{ce 1.81h}$
$\frac{1612.11}{1612.1}$	Rn_{86}^{207}	$\frac{206.990734}{206.990734}$	86n	2+0	8+0	18+0	22+5	0+24	1+5	0+1	$\frac{4.592M}{ce 9.25m}$
$\frac{1605.71}{1605.5}$	Fr_{87}^{207}	$\frac{206.99677}{206.99695}$	87n	2+0	8+0	18+0	24+4	1+22	0+7	1+0	$\frac{6.900M}{ce 14.8s}$
$\frac{1598.03}{1598.4}$	Ra_{88}^{207}	$\frac{207.00417}{207.00380}$	88n	2+0	8+0	18+0	28+2	0+21	0+8	1+0	$\frac{7.270M}{\alpha 1.35s}$
$\frac{1590.18}{1590.0}$	Ac_{89}^{207}	$\frac{207.01176}{207.01195}$	89n	2+0	8+0	18+0	30+1	0+20	1+8	1+0	$\frac{7.840M}{\alpha 27.0ms}$