

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 199**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta^- T_{1/2}}$
$\frac{1565.69}{-}$	Os_{76}^{199}	$\frac{198.97965}{-}$	76n	2+0	8+0	18+0	0+16	1+21	0+9	0+1	$\frac{3.900M}{\beta^- 5.0s}$
$\frac{1569.72}{1570.4}$	Ir_{77}^{199}	$\frac{198.97448}{198.97380}$	77n	2+0	8+0	18+0	2+15	1+22	0+8	1+0	$\frac{2.990M}{\beta^- 6.0s}$
$\frac{1571.84}{1572.6}$	Pt_{78}^{199}	$\frac{198.97137}{198.970593}$	78n	2+0	8+0	18+0	6+13	0+23	1+7	0+0	$\frac{1.7046M}{\beta^- 30.80m}$
$\frac{1574.49}{1573.5}$	Au_{79}^{199}	$\frac{198.96768}{198.968765}$	79n	2+0	8+0	18+0	10+11	0+24	0+6	0+0	$\frac{451.5K}{\beta^- 3.139d}$
$\frac{1573.42}{1573.2}$	Hg_{80}^{199}	$\frac{198.96799}{198.968280}$	80n	2+0	8+0	18+0	12+10	0+24	1+5	0+0	$\frac{\text{st}}{16.87\%}$
$\frac{1570.37}{1570.9}$	Tl_{81}^{199}	$\frac{198.97043}{198.96988}$	81n	2+0	8+0	18+0	14+9	1+23	1+5	0+0	$\frac{1.490M}{ce 7.42h}$
$\frac{1567.11}{1567.3}$	Pb_{82}^{199}	$\frac{198.97309}{198.972917}$	82n	2+0	8+0	18+0	18+7	0+23	1+5	0+0	$\frac{2.830M}{ce 90.0m}$
$\frac{1562.56}{1562.1}$	Bi_{83}^{199}	$\frac{198.97713}{198.977672}$	83n	2+0	8+0	18+0	20+6	1+22	0+5	1+0	$\frac{4.433M}{ce 27.0m}$
$\frac{1555.32}{1555.7}$	Po_{84}^{199}	$\frac{198.98406}{198.983666}$	84n	2+0	8+0	18+0	24+4	0+21	0+6	1+0	$\frac{5.580M}{ce 5.47m}$
$\frac{1548.64}{1548.5}$	At_{85}^{199}	$\frac{198.99040}{198.99053}$	85n	2+0	8+0	18+0	28+2	0+20	0+6	0+1	$\frac{6.7785M}{\alpha 7.03s}$
$\frac{1540.35}{1540.4}$	Rn_{86}^{199}	$\frac{198.99846}{198.99837}$	86n	2+0	8+0	18+0	30+1	0+18	0+8	1+0	$\frac{7.140M}{\alpha 0.59s}$
$\frac{1531.50}{1531.4}$	Fr_{87}^{199}	$\frac{199.00712}{199.00726}$	87n	2+0	8+0	18+0	32+0	1+16	1+8	0+1	$\frac{7.810M}{\alpha 12.0ms}$