

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 200**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta^- T_{1/2}}$
$\frac{1571.86}{-}$	Os_{76}^{200}	$\frac{199.98169}{-}$	76n	2+0	8+0	16+1	0+16	1+21	1+9	0+1	$\frac{2.800M}{\beta^- 6.0s}$
$\frac{1576.61}{-}$	Ir_{77}^{200}	$\frac{199.97575}{-}$	77n	2+0	8+0	18+0	2+15	0+23	1+7	0+1	$\frac{4.990M}{\beta^- >300ns}$
$\frac{1579.81}{1579.8}$	Pt_{78}^{200}	$\frac{199.971441}{199.971441}$	78n	2+0	8+0	18+0	4+14	1+23	1+7	0+0	$\frac{6.700M}{\beta^- 12.6h}$
$\frac{1580.73}{1579.7}$	Au_{79}^{200}	$\frac{199.96965}{199.97073}$	79n	2+0	8+0	18+0	8+12	0+24	1+6	0+0	$\frac{2.240M}{\beta^- 48.4m}$
$\frac{1581.45}{1581.2}$	Hg_{80}^{200}	$\frac{199.96804}{199.968326}$	80n	2+0	8+0	18+0	10+11	1+24	1+5	0+0	$\frac{st}{23.10\%}$
$\frac{1578.44}{1577.9}$	Tl_{81}^{200}	$\frac{199.97043}{199.970963}$	81n	2+0	8+0	18+0	14+9	0+24	1+5	0+0	$\frac{2.456M}{ce 26.10h}$
$\frac{1577.00}{1576.4}$	Pb_{82}^{200}	$\frac{199.97113}{199.971827}$	82n	2+0	8+0	18+0	18+7	0+24	0+5	0+0	$\frac{792.0K}{ce 21.5h}$
$\frac{1569.59}{1569.7}$	Bi_{83}^{200}	$\frac{199.97825}{199.978132}$	83n	2+0	8+0	18+0	20+6	0+23	1+4	0+1	$\frac{5.880M}{ce 36.4m}$
$\frac{1565.27}{1565.5}$	Po_{84}^{200}	$\frac{199.98205}{199.981799}$	84n	2+0	8+0	18+0	22+5	0+22	1+5	1+0	$\frac{3.420M}{ce 11.51m}$
$\frac{1556.81}{1556.8}$	At_{85}^{200}	$\frac{199.990351}{199.990351}$	85n	2+0	8+0	18+0	26+3	1+20	0+6	0+1	$\frac{6.5961M}{\alpha 43.0s}$
$\frac{1550.36}{1551.0}$	Rn_{86}^{200}	$\frac{199.99637}{199.995699}$	86n	2+0	8+0	18+0	28+2	0+19	1+7	1+0	$\frac{7.0433M}{\alpha 1.03s}$
$\frac{1539.72}{1540.1}$	Fr_{87}^{200}	$\frac{200.00696}{200.00657}$	87n	2+0	8+0	18+0	32+0	0+17	1+8	0+1	$\frac{7.620M}{\alpha 49.0ms}$