

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 218**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta^- T_{1/2}}$
$\frac{1679.19}{-}$	$\text{Pb}_{82}^{218}$	$\frac{218.01739}{-}$	82n	2+0	8+0	16+1	0+16	1+21	1+15	0+1	$\frac{2.400M}{\beta^- >300ns}$
$\frac{1681.46}{1681.3}$	$\text{Bi}_{83}^{218}$	$\frac{218.01412}{218.01432}$	83n	2+0	8+0	18+0	2+15	1+22	0+14	0+1	$\frac{4.800M}{\beta^- 33.0s}$
$\frac{1685.42}{1685.5}$	$\text{Po}_{84}^{218}$	$\frac{218.009028}{218.008973}$	84n	2+0	8+0	18+0	6+13	0+24	0+12	0+1	$\frac{6.11668M}{\alpha 3.098m}$
$\frac{1684.96}{1684.9}$	$\text{At}_{85}^{218}$	$\frac{218.00868}{218.008694}$	85n	2+0	8+0	18+0	8+12	0+24	0+12	1+0	$\frac{6.874M}{\alpha 1.50s}$
$\frac{1686.93}{1687.0}$	$\text{Rn}_{86}^{218}$	$\frac{218.00573}{218.005601}$	86n	2+0	8+0	18+0	10+11	0+25	1+10	1+0	$\frac{7.2625M}{\alpha 3.50ms}$
$\frac{1684.04}{1684.4}$	$\text{Fr}_{87}^{218}$	$\frac{218.00799}{218.007578}$	87n	2+0	8+0	18+0	14+9	0+25	1+9	0+1	$\frac{8.014M}{\alpha 1.0ms}$
$\frac{1683.22}{1684.1}$	$\text{Ra}_{88}^{218}$	$\frac{218.008031}{218.007140}$	88n	2+0	8+0	18+0	16+8	0+25	1+9	1+0	$\frac{8.546M}{\alpha 25.2\mu s}$
$\frac{1679.32}{1679.1}$	$\text{Ac}_{89}^{218}$	$\frac{218.01138}{218.01164}$	89n	2+0	8+0	18+0	18+7	1+24	1+9	1+0	$\frac{9.380M}{\alpha 1.08\mu s}$
$\frac{1677.13}{1676.8}$	$\text{Th}_{90}^{218}$	$\frac{218.01289}{218.013284}$	90n	2+0	8+0	18+0	22+5	1+24	0+9	1+0	$\frac{9.849M}{\alpha 117ns}$
$\frac{1669.97}{1669.7}$	$\text{Pa}_{91}^{218}$	$\frac{218.01974}{218.020042}$	91n	2+0	8+0	18+0	26+3	1+23	0+9	0+1	$\frac{9.815M}{\alpha 113\mu s}$
$\frac{1664.88}{1665.6}$	$\text{U}_{92}^{218}$	$\frac{218.02436}{218.02354}$	92n	2+0	8+0	18+0	28+2	1+22	0+10	1+0	$\frac{8.775M}{\alpha 510\mu s}$
$\frac{1656.65}{-}$	$\text{Np}_{93}^{218}$	$\frac{218.03236}{-}$	93n	2+0	8+0	18+0	32+0	0+21	0+11	1+0	—