

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 217**

| $\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$ | Sa                     | $\frac{m_c}{m_s}$               | n   | 1   | 2   | 3    | 4     | 5    | 6    | 7   | $\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$ |
|---|------------------------|---------------------------------|-----|-----|-----|------|-------|------|------|-----|--|
| $\frac{1674.69}{-}$                       | $\text{Pb}_{82}^{217}$ | $\frac{217.01356}{-}$           | 82n | 2+0 | 8+0 | 18+0 | 0+16  | 0+22 | 1+14 | 0+1 | $\frac{3.500M}{\beta^- > 300ns}$                     |
| $\frac{1676.94}{1677.7}$                  | $\text{Bi}_{83}^{217}$ | $\frac{217.01031}{217.00947}$   | 83n | 2+0 | 8+0 | 18+0 | 4+14  | 0+23 | 0+13 | 0+1 | $\frac{3.00M}{\beta^- 98.5s}$                        |
| $\frac{1680.18}{1679.9}$                  | $\text{Po}_{84}^{217}$ | $\frac{217.00599}{217.006335}$  | 84n | 2+0 | 8+0 | 18+0 | 6+13  | 0+24 | 0+12 | 1+0 | $\frac{6.6621M}{\alpha 1.53s}$                       |
| $\frac{1680.42}{1680.6}$                  | $\text{At}_{85}^{217}$ | $\frac{217.00489}{217.004719}$  | 85n | 2+0 | 8+0 | 18+0 | 8+12  | 1+24 | 0+11 | 1+0 | $\frac{7.2013M}{\alpha 32.3ms}$                      |
| $\frac{1680.56}{1680.5}$                  | $\text{Rn}_{86}^{217}$ | $\frac{217.00390}{217.003928}$  | 86n | 2+0 | 8+0 | 18+0 | 12+10 | 0+25 | 0+10 | 1+0 | $\frac{7.887M}{\alpha 540\mu s}$                     |
| $\frac{1678.75}{1679.1}$                  | $\text{Fr}_{87}^{217}$ | $\frac{217.00500}{217.004632}$  | 87n | 2+0 | 8+0 | 18+0 | 14+9  | 0+25 | 1+9  | 1+0 | $\frac{8.469M}{\alpha 19.0\mu s}$                    |
| $\frac{1676.82}{1676.7}$                  | $\text{Ra}_{88}^{217}$ | $\frac{217.006237}{217.006320}$ | 88n | 2+0 | 8+0 | 18+0 | 18+7  | 0+25 | 0+9  | 1+0 | $\frac{9.161M}{\alpha 1.60\mu s}$                    |
| $\frac{1672.90}{1673.1}$                  | $\text{Ac}_{89}^{217}$ | $\frac{217.00960}{217.009347}$  | 89n | 2+0 | 8+0 | 18+0 | 20+6  | 1+24 | 0+9  | 1+0 | $\frac{9.832M}{\alpha 69.0ns}$                       |
| $\frac{1668.84}{1668.8}$                  | $\text{Th}_{90}^{217}$ | $\frac{217.01312}{217.013114}$  | 90n | 2+0 | 8+0 | 18+0 | 24+4  | 0+24 | 0+9  | 1+0 | $\frac{9.435M}{\alpha 241\mu s}$                     |
| $\frac{1662.76}{1663.2}$                  | $\text{Pa}_{91}^{217}$ | $\frac{217.01881}{217.01832}$   | 91n | 2+0 | 8+0 | 18+0 | 26+3  | 0+23 | 1+9  | 1+0 | $\frac{8.491M}{\alpha 3.60ms}$                       |
| $\frac{1656.54}{1656.8}$                  | $\text{U}_{92}^{217}$  | $\frac{217.02465}{217.02437}$   | 92n | 2+0 | 8+0 | 18+0 | 30+1  | 0+22 | 0+10 | 1+0 | $\frac{8.170M}{\alpha 16.0ms}$                       |
| $\frac{1650.16}{-}$                       | $\text{Np}_{93}^{217}$ | $\frac{217.03066}{-}$           | 93n | 2+0 | 8+0 | 18+0 | 32+0  | 0+21 | 1+10 | 1+0 | —  |