

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 254**

| $\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$ | Sa | $\frac{m_c}{m_s}$ | n | 1 | 2 | 3 | 4 | 5 | 6 | 7 | $\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$ |
|---|-------------------------|--------------------------------|------|-----|-----|------|-------|------|------|-----|--|
| $\frac{1884.31}{-}$ | Pu_{94}^{254} | $\frac{254.09905}{-}$ | 94n | 2+0 | 8+0 | 16+1 | 0+16 | 0+20 | 0+29 | 1+0 | $\frac{3.012M}{\beta^-}$ |
| $\frac{1886.54}{-}$ | Am_{95}^{254} | $\frac{254.09581}{-}$ | 95n | 2+0 | 8+0 | 18+0 | 2+15 | 1+21 | 0+27 | 0+1 | $\frac{3.292M}{\beta^-}$ |
| $\frac{1889.05}{-}$ | Cm_{96}^{254} | $\frac{254.09228}{-}$ | 96n | 2+0 | 8+0 | 18+0 | 4+14 | 1+22 | 0+26 | 1+0 | $\frac{1.532M}{\beta^-}$ |
| $\frac{1889.57}{1889.8}$ | Bk_{97}^{254} | $\frac{254.09088}{254.09060}$ | 97n | 2+0 | 8+0 | 18+0 | 8+12 | 0+23 | 1+25 | 0+0 | $\frac{3.100M}{\beta^- 1m}$ |
| $\frac{1892.65}{1892.1}$ | Cf_{98}^{254} | $\frac{254.08674}{254.08733}$ | 98n | 2+0 | 8+0 | 18+0 | 10+11 | 1+24 | 1+23 | 0+0 | $\frac{-}{FS 60.5d}$ |
| $\frac{1889.88}{1890.7}$ | Es_{99}^{254} | $\frac{254.08887}{254.08799}$ | 99n | 2+0 | 8+0 | 18+0 | 14+9 | 1+24 | 0+23 | 0+0 | $\frac{6.6157M}{\alpha 275.7d}$ |
| $\frac{1888.92}{1891.0}$ | Fm_{100}^{254} | $\frac{254.08906}{254.08683}$ | 100n | 2+0 | 8+0 | 18+0 | 18+7 | 0+25 | 0+22 | 0+0 | $\frac{7.3075M}{\alpha 3.240h}$ |
| $\frac{1885.91}{1887.6}$ | Md_{101}^{254} | $\frac{254.09145}{254.089656}$ | 101n | 2+0 | 8+0 | 18+0 | 20+6 | 0+25 | 1+21 | 0+0 | $\frac{2.610M}{ce 28.0m}$ |
| $\frac{1882.78}{1885.6}$ | No_{102}^{254} | $\frac{254.09397}{254.090955}$ | 102n | 2+0 | 8+0 | 18+0 | 24+4 | 0+25 | 0+21 | 0+0 | $\frac{8.226M}{\alpha 51.0s}$ |
| $\frac{1879.53}{1879.7}$ | Lw_{103}^{254} | $\frac{254.09662}{254.096455}$ | 103n | 2+0 | 8+0 | 18+0 | 26+3 | 0+25 | 1+20 | 0+0 | $\frac{8.816M}{\alpha 18.4s}$ |
| $\frac{1876.16}{1876.2}$ | Rf_{104}^{254} | $\frac{254.09940}{254.10018}$ | 104n | 2+0 | 8+0 | 18+0 | 30+1 | 0+25 | 0+20 | 0+0 | $\frac{-}{FS 23\mu s}$ |
| $\frac{1866.40}{-}$ | Db_{105}^{254} | $\frac{254.10904}{-}$ | 105n | 2+0 | 8+0 | 18+0 | 32+0 | 0+24 | 1+19 | 0+1 | — |