

TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 122**

| $\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$ | Sa | $\frac{m_c}{m_s}$ | n | 1 | 2 | 3 | 4 | 5 | 6 | 7 | $\frac{E_{\beta np}(\text{eV})}{\beta^- T_{1/2}}$ |
|---|---------------------------------|--------------------------------|-----|-----|-----|------|------|------|-----|-----|---|
| $\frac{995.095}{-}$ | Ru ₄₄ ¹²² | $\frac{121.95189}{-}$ | 44n | 2+0 | 6+1 | 0+9 | 1+13 | 1+6 | 0+4 | 0+1 | $\frac{3.415M}{n\beta^- > 392ns}$ |
| $\frac{1002.19}{1002.4}$ | Rh ₄₅ ¹²² | $\frac{121.94343}{121.94321}$ | 45n | 2+0 | 8+0 | 0+9 | 0+14 | 1+6 | 1+2 | 1+1 | $\frac{5.800M}{n\beta^- > 300ns}$ |
| $\frac{1013.54}{1013.4}$ | Pd ₄₆ ¹²² | $\frac{121.93041}{121.93055}$ | 46n | 2+0 | 8+0 | 4+7 | 1+15 | 0+5 | 0+2 | 1+1 | $\frac{6.400M}{\beta^- 175ms}$ |
| $\frac{1019.21}{1019.2}$ | Ag ₄₇ ¹²² | $\frac{121.92348}{121.92353}$ | 47n | 2+0 | 8+0 | 8+5 | 0+16 | 0+4 | 1+2 | 0+1 | $\frac{9.510M}{\beta^- 529ms}$ |
| $\frac{1027.66}{1027.9}$ | Cd ₄₈ ¹²² | $\frac{121.91357}{121.91333}$ | 48n | 2+0 | 8+0 | 10+4 | 0+16 | 1+5 | 0+1 | 1+0 | $\frac{2.960M}{\beta^- 2.54s}$ |
| $\frac{1029.16}{1029.9}$ | In ₄₉ ¹²² | $\frac{121.91112}{121.91028}$ | 49n | 2+0 | 8+0 | 14+2 | 1+15 | 0+6 | 0+1 | 0+0 | $\frac{6.370M}{\beta^- 1.50s}$ |
| $\frac{1034.74}{1035.5}$ | Sn ₅₀ ¹²² | $\frac{121.90429}{121.90344}$ | 50n | 2+0 | 8+0 | 16+1 | 0+16 | 1+5 | 1+0 | 0+0 | st 4.63% |
| $\frac{1033.403}{1033.1}$ | Sb ₅₁ ¹²² | $\frac{121.90488}{121.905174}$ | 51n | 2+0 | 8+0 | 18+0 | 1+15 | 1+5 | 1+0 | 0+0 | $\frac{1.9809M}{ce 2.7238d}$ |
| $\frac{1034.18}{1034.3}$ | Te ₅₂ ¹²² | $\frac{121.90321}{121.903044}$ | 52n | 2+0 | 8+0 | 18+0 | 4+14 | 1+3 | 1+1 | 0+0 | st 2.55% |
| $\frac{1029.75}{1029.3}$ | I ₅₃ ¹²² | $\frac{121.90712}{121.907589}$ | 53n | 2+0 | 8+0 | 18+0 | 7+11 | 1+5 | 1+0 | 0+0 | $\frac{4.234M}{ce 3.63m}$ |
| $\frac{1027.45}{1027.8}$ | Xe ₅₄ ¹²² | $\frac{121.90875}{121.908368}$ | 54n | 2+0 | 8+0 | 18+0 | 10+9 | 1+5 | 1+0 | 0+0 | $\frac{727K}{ce 20.1h}$ |
| $\frac{1019.33}{1019.8}$ | Cs ₅₅ ¹²² | $\frac{121.91663}{121.91611}$ | 55n | 2+0 | 8+0 | 18+0 | 13+6 | 1+6 | 1+0 | 0+0 | $\frac{7.210M}{ce 21.18s}$ |
| $\frac{1014.87}{1015.5}$ | Ba ₅₆ ¹²² | $\frac{121.92058}{121.91990}$ | 56n | 2+0 | 8+0 | 18+0 | 18+3 | 0+6 | 0+1 | 0+0 | $\frac{3.530M}{ce 1.95m}$ |
| $\frac{1004.70}{1004.7}$ | La ₅₇ ¹²² | $\frac{121.93071}{121.93071}$ | 57n | 2+0 | 8+0 | 18+0 | 20+0 | 0+8 | 1+0 | 0+0 | $\frac{10.10M}{ce 8.60s}$ |
| $\frac{996.715}{997.16}$ | Ce ₅₈ ¹²² | $\frac{121.93839}{121.93791}$ | 58n | 2+0 | 8+0 | 18+0 | 18+0 | 6+5 | 0+1 | 0+0 | $\frac{6.80M}{ce 2.0s}$ |
| $\frac{983.962}{983.43}$ | Pr ₅₉ ¹²² | $\frac{121.95124}{121.95181}$ | 59n | 2+0 | 8+0 | 18+0 | 15+0 | 12+2 | 0+2 | 0+0 | $\frac{13.00M}{ce 500ms}$ |