

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 56**

| $\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$ | Sa                        | $\frac{m_c}{m_s}$           | n                | 1   | 2   | 3    | 4   | 5   | 6   | 7   | $\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$ |
|---|---------------------------|-----------------------------|------------------|-----|-----|------|-----|-----|-----|-----|--|
| $\frac{432.922}{-}$                       | $K_{19}^{56}$             | $\frac{56.004516}{-}$       | 19n              | 0+1 | 0+4 | 0+6  | 0+3 | 0+3 | 1+1 | 0+0 | $\frac{21.10M}{\beta^- > 620ns}$                     |
| $\frac{449.802}{449.79}$                  | $Ca_{20}^{56}$            | $\frac{55.98556}{55.98557}$ | 20n              | 2+0 | 0+4 | 0+8  | 1+0 | 1+2 | 0+2 | 0+0 | $\frac{12.10M}{\beta^- 11.0ms}$                      |
| $\frac{460.564}{460.84}$                  | $Sc_{21}^{56}$            | $\frac{55.97316}{55.97287}$ | 21n              | 2+0 | 4+2 | 0+8  | 1+1 | 0+2 | 0+1 | 0+0 | $\frac{14.50M}{\beta^- 26.0ms}$                      |
| $\frac{473.739}{473.72}$                  | $Ti_{22}^{56}$            | $\frac{55.95818}{55.95820}$ | 22n              | 2+0 | 6+1 | 1+8  | 0+2 | 0+1 | 1+0 | 0+0 | $\frac{7.10M}{\beta^- 200ms}$                        |
| $\frac{480.016}{480.08}$                  | $V_{23}^{56}$             | $\frac{55.95060}{55.95053}$ | 23n              | 2+0 | 8+0 | 3+7  | 0+2 | 0+1 | 0+0 | 0+0 | $\frac{9.20M}{\beta^- 216ms}$                        |
| $\frac{488.644}{488.50}$                  | $Cr_{24}^{56}$            | $\frac{55.94050}{55.94065}$ | 24n              | 2+0 | 8+0 | 4+7  | 1+1 | 1+0 | 0+0 | 0+0 | $\frac{1.6296M}{\beta^- 5.94m}$                      |
| $\frac{489.521}{489.35}$                  | $Mn_{25}^{56}$            | $\frac{55.93872}{55.93890}$ | 25n              | 2+0 | 8+0 | 9+4  | 0+2 | 0+0 | 0+0 | 0+0 | $\frac{3.69557M}{\beta^- 2.5789h}$                   |
| $\frac{491.881}{492.26}$                  | $Fe_{26}^{56}$            | $\frac{55.93534}{55.93494}$ | 26n              | 2+0 | 8+0 | 11+3 | 1+1 | 0+0 | 0+0 | 0+0 | <b>st</b><br>91.754%                                 |
| $\frac{486.165}{486.91}$                  | $Co_{27}^{56}$            | $\frac{55.94064}{55.93984}$ | 27n              | 2+0 | 8+0 | 14+1 | 1+0 | 0+1 | 0+0 | 0+0 | $\frac{4.5666M}{ce77.236d}$                          |
| $\frac{483.390}{483.99}$                  | $Ni_{28}^{56}$            | $\frac{55.94278}{55.94213}$ | 28n              | 2+0 | 8+0 | 15+0 | 1+0 | 2+0 | 0+0 | 0+0 | $\frac{2.1329M}{ce6.075d}$                           |
| $\frac{468.166}{467.91}$                  | $Cu_{\frac{29}{27}}^{56}$ | $\frac{55.95828}{55.95856}$ | $\frac{29}{27n}$ | 2+0 | 8+0 | 14+0 | 1+0 | 2+0 | 2+0 | 0+0 | $\frac{15.70M}{ce93.0ms}$                            |
| $\frac{454.596}{454.25}$                  | $Zn_{\frac{30}{26}}^{56}$ | $\frac{55.97201}{55.97238}$ | $\frac{30}{26n}$ | 2+0 | 8+0 | 12+0 | 4+0 | 2+0 | 2+0 | 0+0 | $\frac{13.10M}{ce30.0ms}$                            |
| $\frac{432.065}{432.48}$                  | $Ga_{\frac{31}{25}}^{56}$ | $\frac{55.99536}{55.99491}$ | $\frac{31}{25n}$ | 2+0 | 8+0 | 10+0 | 3+0 | 4+0 | 4+0 | 0+0 | $\frac{3.4032M}{p}$                                  |