

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 21**

| $\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$ | Sa             | $\frac{m_c}{m_s}$             | n                | 1   | 2   | 3   | 4   | 5   | 6   | 7   | $\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$ |
|---|----------------|-------------------------------|------------------|-----|-----|-----|-----|-----|-----|-----|--|
| $\frac{140.482}{-}$                       | $N_7^{21}$     | $\frac{21.02500}{-}$          | 7n               | 0+1 | 0+2 | 0+3 | 0+1 | 0+0 | 0+0 | 0+0 | $\frac{17.19M}{\beta^- 83ms}$                        |
| $\frac{155.446}{155.18}$                  | $O_8^{21}$     | $\frac{21.00837}{21.008656}$  | 8n               | 2+0 | 1+3 | 0+0 | 0+2 | 0+0 | 0+0 | 0+0 | $\frac{8.110M}{\beta^- 3.42s}$                       |
| $\frac{162.581}{162.50}$                  | $F_9^{21}$     | $\frac{20.99987}{20.999949}$  | 9n               | 2+0 | 3+2 | 1+0 | 0+1 | 0+0 | 0+0 | 0+0 | $\frac{5.6842M}{\beta^- 4.158s}$                     |
| $\frac{167.164}{167.41}$                  | $Ne_{10}^{21}$ | $\frac{20.99411}{20.9938467}$ | 10n              | 2+0 | 5+1 | 1+0 | 1+0 | 0+0 | 0+0 | 0+0 | $\frac{st}{0.27\%}$                                  |
| $\frac{162.906}{163.08}$                  | $Na_{10}^{21}$ | $\frac{20.99784}{20.997655}$  | $\frac{11}{10n}$ | 2+0 | 7+0 | 0+0 | 2+0 | 0+0 | 0+0 | 0+0 | $\frac{2.5251M}{\beta^+ 22.49s}$                     |
| $\frac{149.616}{149.20}$                  | $Mg_{12}^{21}$ | $\frac{21.01127}{21.011713}$  | $\frac{12}{9n}$  | 2+0 | 6+0 | 2+0 | 1+0 | 1+0 | 0+0 | 0+0 | $\frac{12.075M}{\beta^+ 122ms}$                      |
| $\frac{133.238}{133.21}$                  | $Al_{13}^{21}$ | $\frac{21.02801}{21.02804}$   | $\frac{13}{8n}$  | 2+0 | 5+0 | 3+0 | 0+0 | 2+0 | 1+0 | 0+0 | $\frac{1.773M}{p < 35ns}$                            |