

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 135**

| $\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$ | Sa                              | $\frac{m_c}{m_s}$              | n   | 1   | 2   | 3    | 4    | 5    | 6   | 7   | $\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$ |
|---|---------------------------------|--------------------------------|-----|-----|-----|------|------|------|-----|-----|--|
| $\frac{1098.46}{1098.5}$                  | In <sup>135</sup> <sub>49</sub> | $\frac{134.94933}{134.94933}$  | 49n | 2+0 | 8+0 | 0+9  | 0+16 | 1+4  | 0+8 | 1+0 | $\frac{13.00M}{\beta^- 92.0\text{ms}}$               |
| $\frac{1111.22}{1111.3}$                  | Sn <sup>135</sup> <sub>50</sub> | $\frac{134.93483}{134.93473}$  | 50n | 2+0 | 8+0 | 2+8  | 1+15 | 1+9  | 1+2 | 0+1 | $\frac{9.200M}{\beta^- 530\text{ms}}$                |
| $\frac{1119.43}{1119.4}$                  | Sb <sup>135</sup> <sub>51</sub> | $\frac{134.92517}{134.92517}$  | 51n | 2+0 | 8+0 | 6+6  | 0+16 | 1+9  | 0+2 | 1+0 | $\frac{8.120M}{\beta^- 1.679\text{s}}$               |
| $\frac{1126.27}{1126.8}$                  | Te <sup>135</sup> <sub>52</sub> | $\frac{134.91699}{134.91645}$  | 52n | 2+0 | 8+0 | 10+4 | 0+16 | 1+10 | 0+1 | 0+0 | $\frac{5.888M}{\beta^- 19.0\text{s}}$                |
| $\frac{1130.59}{1132.0}$                  | I <sup>135</sup> <sub>53</sub>  | $\frac{134.91151}{134.910048}$ | 53n | 2+0 | 8+0 | 14+2 | 0+16 | 0+11 | 0+0 | 0+0 | $\frac{2.626M}{\beta^- 6.58\text{h}}$                |
| $\frac{1131.72}{1133.8}$                  | Xe <sup>135</sup> <sub>54</sub> | $\frac{134.90946}{134.907227}$ | 54n | 2+0 | 8+0 | 16+1 | 0+16 | 1+10 | 0+0 | 0+0 | $\frac{1.164M}{\beta^- 9.14\text{h}}$                |
| $\frac{1132.59}{1134.2}$                  | Cs <sup>135</sup> <sub>55</sub> | $\frac{134.90768}{134.905977}$ | 55n | 2+0 | 8+0 | 18+0 | 2+15 | 0+10 | 0+0 | 0+0 | $\frac{268.9K}{\beta^- 2.3 \cdot 10^6\text{a}}$      |
| $\frac{1133.19}{1133.7}$                  | Ba <sup>135</sup> <sub>56</sub> | $\frac{134.90620}{134.905689}$ | 56n | 2+0 | 8+0 | 18+0 | 4+14 | 1+9  | 0+0 | 0+0 | $\frac{\text{st}}{6.592\text{e}}$                    |
| $\frac{1132.00}{1131.7}$                  | La <sup>135</sup> <sub>57</sub> | $\frac{134.90664}{134.906977}$ | 57n | 2+0 | 8+0 | 18+0 | 6+13 | 1+8  | 1+0 | 0+0 | $\frac{1.200M}{ce 19.5\text{h}}$                     |
| $\frac{1129.24}{1128.9}$                  | Ce <sup>135</sup> <sub>58</sub> | $\frac{134.90876}{134.909151}$ | 58n | 2+0 | 8+0 | 18+0 | 9+11 | 1+8  | 1+0 | 0+0 | $\frac{2.026K}{ce 17.7\text{h}}$                     |
| $\frac{1124.64}{1124.4}$                  | Pr <sup>135</sup> <sub>59</sub> | $\frac{134.91286}{134.913112}$ | 59n | 2+0 | 8+0 | 18+0 | 14+8 | 0+8  | 0+1 | 0+0 | $\frac{3.689M}{ce 24.0\text{m}}$                     |
| $\frac{1118.40}{1118.9}$                  | Nd <sup>135</sup> <sub>60</sub> | $\frac{134.91872}{134.918181}$ | 60n | 2+0 | 8+0 | 18+0 | 16+6 | 1+8  | 0+1 | 0+0 | $\frac{4.722M}{ce 12.4\text{m}}$                     |
| $\frac{1111.83}{1111.9}$                  | Pm <sup>135</sup> <sub>61</sub> | $\frac{134.92493}{134.92488}$  | 61n | 2+0 | 8+0 | 18+0 | 20+3 | 0+9  | 0+1 | 0+0 | $\frac{6.240M}{ce 49.0\text{s}}$                     |
| $\frac{1103.60}{1104.0}$                  | Sm <sup>135</sup> <sub>62</sub> | $\frac{134.93293}{134.93252}$  | 62n | 2+0 | 8+0 | 18+0 | 21+1 | 1+10 | 1+0 | 0+0 | $\frac{7.120M}{ce 10.3\text{s}}$                     |
| $\frac{1094.77}{1094.5}$                  | Eu <sup>135</sup> <sub>63</sub> | $\frac{134.94157}{134.94182}$  | 63n | 2+0 | 8+0 | 18+0 | 21+0 | 5+8  | 0+1 | 0+0 | $\frac{8.800M}{ce 1.50\text{s}}$                     |
| $\frac{1083.98}{1083.7}$                  | Gd <sup>135</sup> <sub>64</sub> | $\frac{134.95231}{134.95257}$  | 64n | 2+0 | 8+0 | 18+0 | 19+0 | 10+5 | 0+2 | 0+0 | $\frac{10.10M}{ce 1.10\text{s}}$                     |