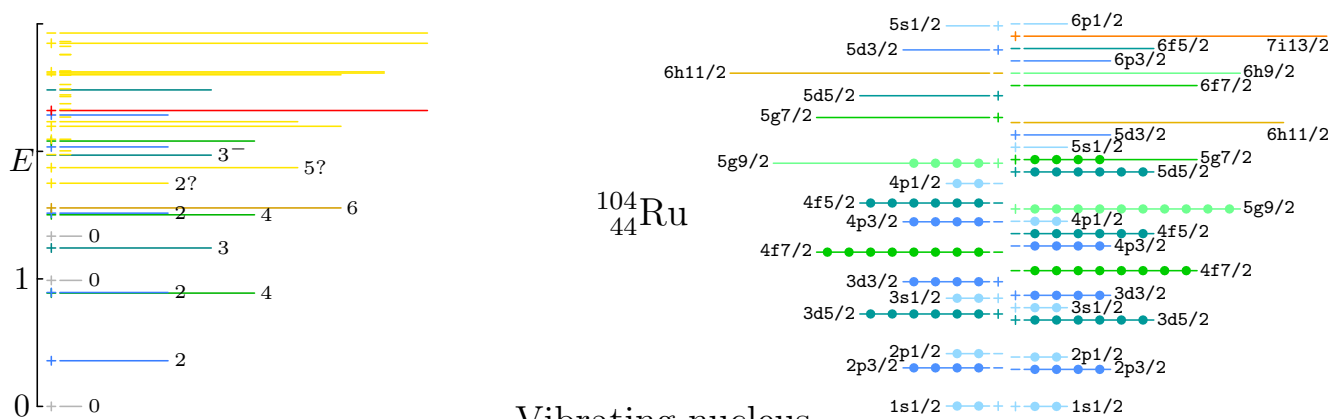


Collective Motion Effects



spin: -0 $-\frac{1}{2}$ -1 $-\frac{3}{2}$ -2 $-\frac{5}{2}$ -3 $-\frac{7}{2}$ -4 $-\frac{9}{2}$ -5 $-\frac{11}{2}$ -6 $-\frac{13}{2}$ -7 $-\geq \frac{15}{2}$ $-\gt \frac{29}{2}$ $-?$