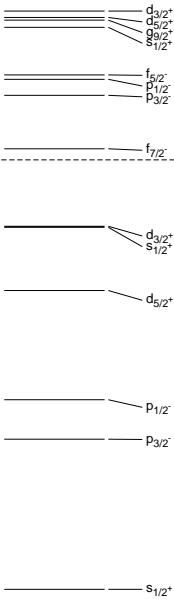


Energy level diagram for $^{44}\text{Ti}_{22}, n$. The vertical axis represents energy, with a dashed horizontal line indicating the Fermi level. The diagram shows several energy levels and their corresponding quantum numbers:



$^{44}\text{Ti}_{22}, n$