

28

proton



Diagram illustrating energy levels for a neutron. Two horizontal green lines represent energy levels. The lower level is labeled $2p_{\frac{3}{2}}$ and the upper level is labeled $2f_{\frac{5}{2}}$. A curved green arrow points from a green dot on the lower level to a green dot on the upper level, indicating a transition.

 $2f_{\frac{5}{2}}$ $2p_{\frac{3}{2}}$ $1f_{\frac{7}{2}}$

neutron