

ABSORPTION IN KAONIC AND ANTIPROTONIC ATOMS (INCLUDING PROTONIUM)

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It is shown that the line widths of $K^{\bar{m}}$ and \bar{p} atoms are adequately described by the WKB approximation for a totally absorbing nucleus. The method is extended to the $L>0$ states of protonium, with coupled $p\bar{p}$ and $n\bar{n}$ channels. Due to the barrier form of the eigenpotential, hardly any knowledge of the "annihilation potential" is required or obtained. The present experimental situation is discussed.