# STUDY OF THE ELECTROMAGNETIC CONSTANT $S$ OF ROTATIONAL BANDS $\frac{7}{2}^{+}[404]$ AND $\frac{5}{2}^{-}[512]$

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S u m m a r y

The values of the electromagnetic constant $S$ of rotational bands $\frac{7}{2}^{+}[404]$ and $\frac{5}{2}^{-}[512]$ have been determined. It has been shown that the weighted mean values of $S$ for rotational bands with identical asymptotic quantum numbers remain intact for various mass numbers of the nuclei.