

# Determination of the $C(3)^1\Sigma^+$ state potential energy curve in KCs molecule based on polarisation labelling spectroscopy data.

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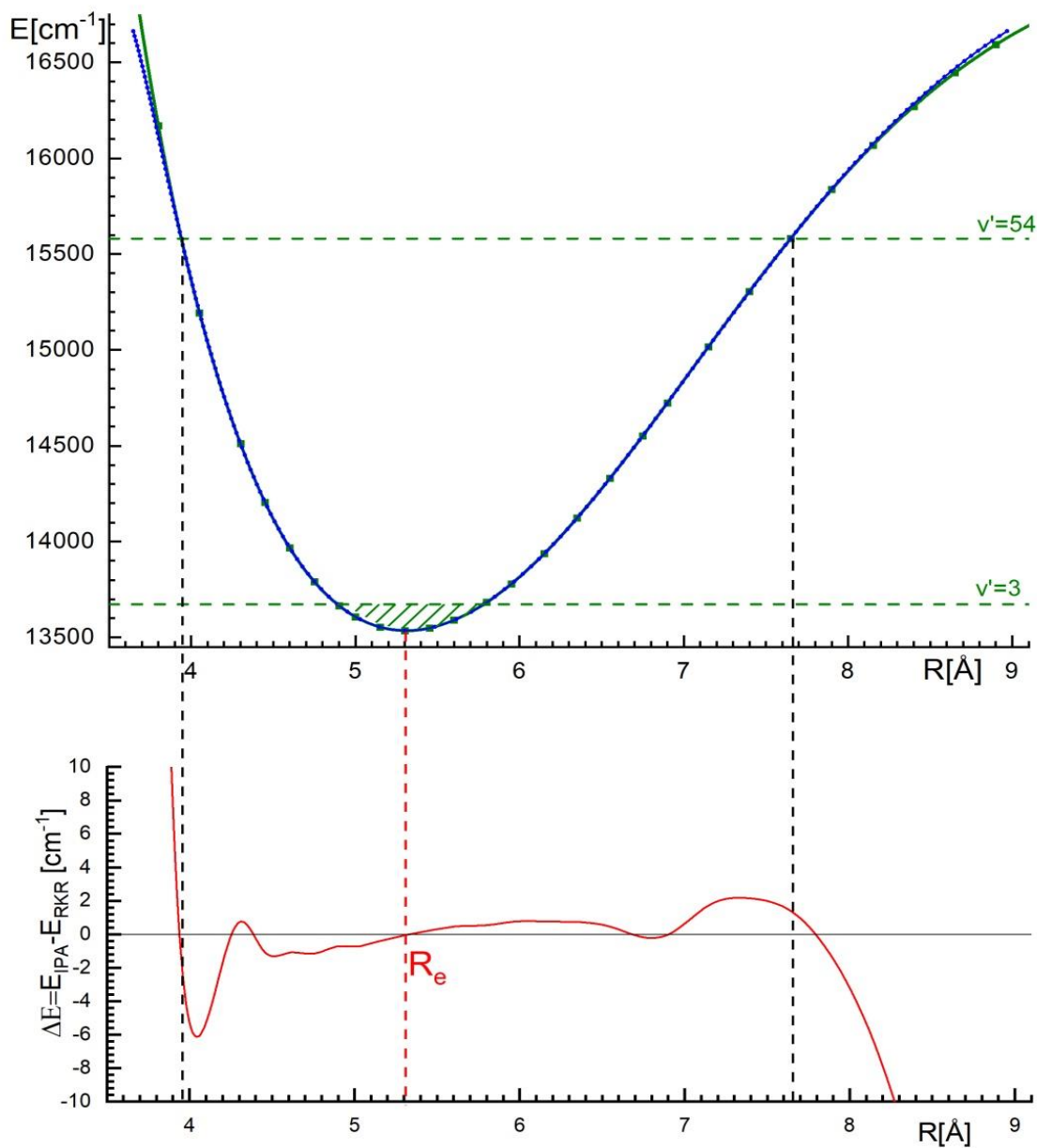


Fig. 5 Comparison between the IPA (olive line with rectangles) and RKR (blue line with dots) potential energy curves. The range of experimentally determined energies of rovibrational levels is denoted by horizontal dashed lines. The black vertical dashed lines denote the range of internuclear separations for which the PECs are determined by the experimental data. In the lower panel energy difference between the IPA and RKR potentials is presented.