SEP SPECTRA OF $SCCl_2$

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Stimulated emission pumping spectra with 0.3 cm^{-1} resolution provide a means of studying intramolecular vibrational energy redistribution (IVR). The $\tilde{A}(^1A_2) \rightarrow \tilde{X}(^1A_1)$ transition of $SCCl_2$ from several different origins maps out the 7000-8000 cm^{-1} region in the ground state. An analysis of approximately 200 features in this region exhibits clumping of spectral features which can provide information about the fine structure of IVR .