

Measurement of the $\tilde{A} \leftarrow \tilde{X}$ Band of 1- and 2- Methylallyl Radicals using Cavity Ringdown Spectroscopy

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- Resonance stabilized radicals (RSRs) play important role in combustion chemistry
- We measured the $\tilde{A} \leftarrow \tilde{X}$ of 1 and 2-methylallyl radicals near 410 nm
- Observed narrower lines for 1-methylallyl radical than allyl radical
- Will be used for kinetics measurements of methylallyl radicals

