

### 3-D SUBMILLIMETER SPECTROSCOPY OF ASTROPHYSICAL 'WEEDS' – CONTINUED ANALYSIS

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In this presentation we report on the latest enhancements of the temperature resolved 3-dimensional spectroscopic technique and the recent results obtained. We have continued the analysis in the 210-270 GHz and 560-650 GHz spectral regions of the astrophysical weeds CH<sub>3</sub>OH, CH<sub>3</sub>CN, CH<sub>3</sub>CHO, CH<sub>3</sub>OCH<sub>3</sub>, C<sub>2</sub>H<sub>3</sub>CN, C<sub>2</sub>H<sub>5</sub>CN, CH<sub>3</sub>OCHO and SO<sub>2</sub>. Our analysis includes a detailed comparison of the intensities of the quantum mechanical assignments and the experimental intensities to determine the completeness of each molecule as a function of temperature.