

ATOMIS, an ALMA Archive Tool for Molecular Investigations in Space

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ATOMIS (ALMA archive TOol for Molecular Investigations in Space) is a web application that aims to search for specific molecular species in the observations of the ALMA archive. With ATOMIS, the user can select the sources and species of interest while specifying filters on the minimum and maximum E_{up} , A_{ij} , the uncertainty on the frequencies of the transitions. Classic filters on observations (angular resolution, spectral resolution, sensitivity, ...) are available. From ATOMIS, it is also possible to download ALMA data products such as fits cubes and visualize them using the ALADIN (<http://aladin.u-strasbg.fr/>) and CASSIS (<http://cassis.irap.omp.eu>) softwares.