

Infrared Diagnostics of the ISM: In Our Galaxy & in the Circumnuclear Environment of Young Radio Sources

- 16 Compact Symmetric Objects (CSOs)
 - *Identified as young radio sources*
 - *Contain X-ray and Infrared data*
 - *Relation of the 12um infrared luminosity and the 2-10 keV X-Ray luminosity is compared*
 - *A comprehensive multi-wavelength database is compiled from the literature*
 - *Interesting cases are highlighted for future analysis.*
- Dark Globule DC 314.8-5.1
 - *Analysis of infrared features in interstellar medium*
 - *Specifically, polycyclic aromatic hydrocarbon (PAH) infrared emission features*
 - *These features can be used to determine conditions of the system.*
 - *The dark globule is shown to have a high ionization rate, but an average molecular size*
 - *It is concluded that the dark globule is at the onset of low-mass star formation*



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