

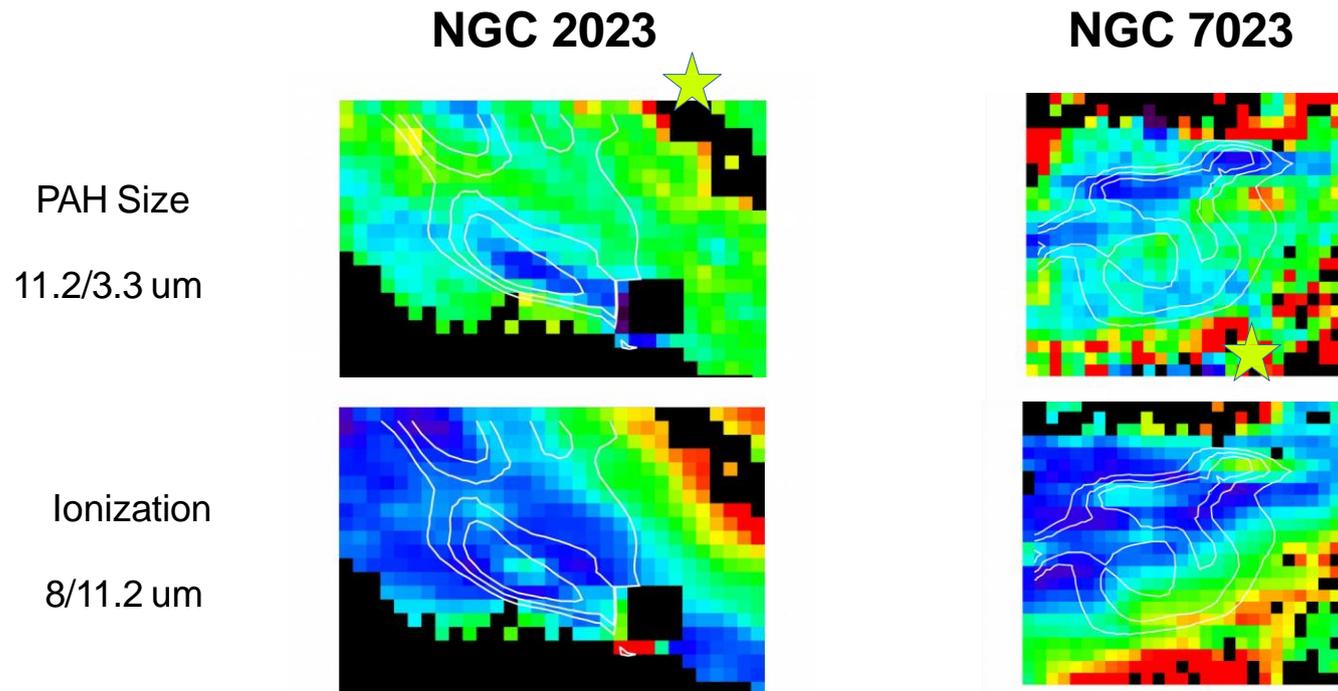
# Using SOFIA and Spitzer to Probe the Size Distribution of PAHs

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- We use MIR observations to probe the polycyclic aromatic hydrocarbon (PAH) size distribution and ionization balance in two prominent reflection nebulae.



- Find the average PAH size and ionization increases towards the illuminating source.
- Implies a photochemical evolution of these species within these regions.