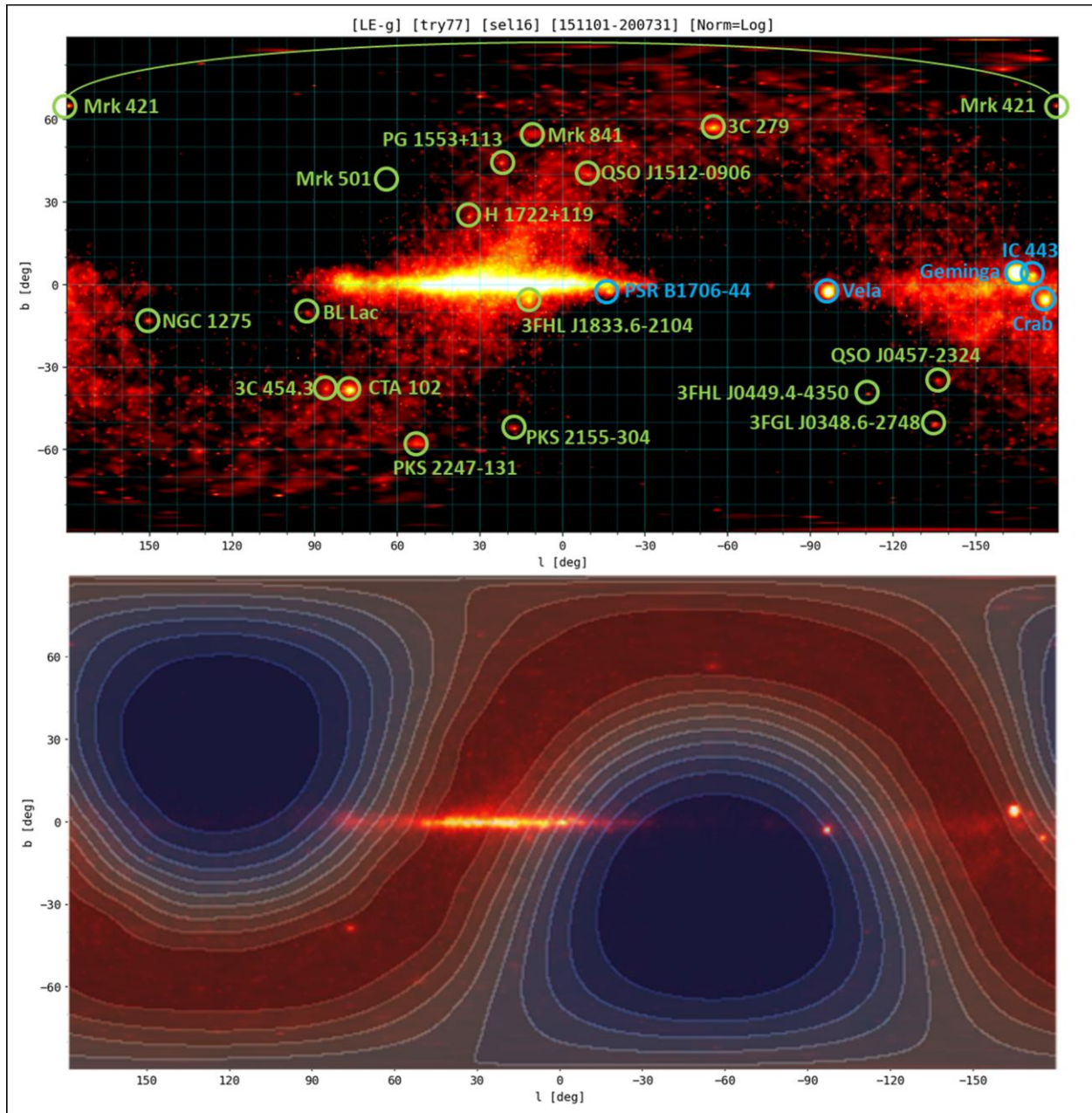


Low-energy gamma-ray observations above 1 GeV with CALET on the International Space Station

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Results from ongoing analysis of photon events after five years of operation of the low-energy gamma-ray trigger of the CALET detector onboard the International Space Station (ISS) are presented. We discuss the selection and cleaning of the dataset, including the removal of transient and persistent obstructions from ISS structures in the CALET field-of-view. In addition to the gamma-ray sky, fluxes and time variability of sources detected with CALET are shown.



Skymap based on the LE-gamma trigger mode over five years of observations. Top: PSF-smear counts map in logarithmic scaling with galactic (blue) and extragalactic (green) sources indicated. Bottom: overlaid exposure with dark red being the maximum value and contours showing 10% decreases.