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## The X-ray properties of the 2MIG Isolated AGNs in the local Universe

Isolated active galactic nuclei (AGNs) serve as unique laboratories for studying nuclear activity driven solely by internal processes within galaxies. In this study, we analyze the X-ray emission of 2MIG isolated AGNs at redshifts up to 0.05. These AGNs are generally weak X-ray sources. Our sample consists of 61 isolated galaxies, with X-ray emission detected in only 25 of them. Among these, high-quality spectra are available for 19 galaxies. While the limited number of detections prevents a comprehensive statistical analysis, it provides a valuable foundation for exploring the general properties of isolated AGNs. We compiled all available data on the supermassive black hole

(SMBH) masses of these isolated AGNs and their X-ray emission characteristics. Our findings indicate that isolated AGNs typically host low-mass SMBHs. Despite their overall faintness in X-rays, our sample includes objects with diverse accretion properties.

Notably, three galaxies—UGC 10120, NGC 6300, and CGCG 243-024—classified as SBa or SBb stand out as potential Milky Way analogues.

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