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## Studying Neutrino Production Models in NGC 1068 with INTEGRAL

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Recent works have proposed that high-energy neutrinos from active galactic nuclei can be explained by proton interactions close to the supermassive black hole, often in the corona. In the case of NGC 1068, model constraints from electromagnetic observations have come from Fermi/LAT observations in the GeV energy range. All of these models predict emission down to hard X-rays that is negligible compared to the expected inverse Compton emission from the corona. However, hard X-ray observations of NGC 1068 find unabsorbed fluxes  $\sim 10$  times or more lower than the predicted corona fluxes. Thus we present a comparison of neutrino production models in NGC 1068 with INTEGRAL hard X-ray observations.

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