Title:	AGN Spectral Energy Distribution of GLAST Telescope Network Program Object 4C 29.45
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Abstract

The Gamma-Ray Large Area Space Telescope (GLAST) to be launched in 2006 has a proposed observing list that includes AGNs and Polars bright enough to be observed optically by amateurs and students. This observing list is maintained by the GLAST Telescope Network (GTN) and includes a number of objects that have yet to be observed by the Spitzer Space Telescope. Our project observed one of these objects, 4C 29.45, with the Spitzer MIPS and the IRAC instruments and also using ground based telescopes. Observations were made in seven infrared bands with Spitzer. Additional observations made from the ground by students, amateur astronomers, and small college observatories in R,V, and I were nearly simultaneous with the Spitzer observations. We have used this data to construct the Spectral Energy Distribution (SED) of 4C 29.45. We compare these data to models of the dust emission from the torus, sychrotron emission from the radio core, and thermal emission from the accretion disk to determine the relative importance of the different emission mechanisms in this object as a function of wavelength.

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