

INTEGRAL/IBIS soft gamma ray view of TeV emitting objects

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The HESS and MAGIC High Energy Teams have recently reported results of sensitive TeV surveys of the Galaxy, revealing the existence of a population of high energy gamma-ray objects, most of which previously unknown. Detection of X and/or gamma-ray emission from these TeV sources is important as it helps discriminating between the various emitting scenarios. To this end, the IBIS gamma-ray imager on board INTEGRAL is a powerful tool: it allows source detection above 20 keV with a mCrab sensitivity and a point source location accuracy of 1-2 arcmin. Furthermore, INTEGRAL has regularly observed the entire galactic plane during the first two and half year in orbit providing a survey which perfectly match the TeV ones but at lower gamma-ray energies. Already the first survey indicates clear association for a number of TeV detected objects: AX J1838.0-0655, SGR A*, MSH 15-52/PSR1509-58, and Crab, while the second survey has discovered that IGR J18135-1751 is the soft gamma-ray counterpart of the TeV source HESS1813-178. In this work, we report on low energy gamma-ray observations of a number of TeV objects and discuss the data in relation to measurements in other wavebands.