Development of mirror modules for the ART-XC instrument aboard the Spectrum-Roentgen-Gamma mission

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Abstract
The Marshall Space Flight Center (MSFC) is developing x-ray mirror modules for the Astronomical Roegen Telescope- X-ray Concentrator (ART-XC) instrument on board the Spectrum-Roentgen-Gamma Mission. ART-XC will consist of seven co-aligned x-ray mirror modules with seven corresponding CdTe focal plane detectors. Each module provides an effective area of 65 cm² at 8 keV, response out to 30 keV, and an angular resolution of 45 arcsec or better HPD. We will present a status of the ART x-ray module development at MSFC.