Three high-energy optics accomplishments are presented. The first is a cryogenically-cooled, bent, double-Laue monochromator for 50-200 keV x-rays which delivers over ten times more flux than that from a flat crystal monochromator, but without an increase in energy width. Second, the microfocusing of 50 keV undulator radiation using two stacked Fresnel zone plates is described. Third, a high-resolution inverse-Cauchois scanning analyzer, consisting of a bent Laue crystal, is presented for Compton and fluorescence spectroscopy applications.

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