Abstract Submitted
for the TSF13 Meeting of
The American Physical Society

Ultraviolet Spectroscopy of X-ray Binary Systems CYNTHIA FRONING, Univ of Texas, Austin, THOMAS MACCARONE, Texas Tech University, EDWARD ROBINSON, Univ of Texas, Austin, ROBERT HYNES, Louisiana State University, KEVIN FRANCE, University of Colorado at Boulder, LISA WINTER, Atmospheric and Environmental Research, FRASER LEWIS, Faulkes Telescope Project, University of South Wales — We have obtained the far-ultraviolet spectroscopy of the X-ray binaries A0620-00, Swift J1753.5-0127, 4U0614+091, and MS1603.6+2600 using the Cosmic Origins Spectrograph on the Hubble Space Telescope. The UV observations have been accompanied by contemporaneous multiwavelength X-ray, optical/NIR, and (for A0620-00) radio observations. The data provide constraints on the structure of the accretion disk and disk outflows, the evolutionary histories of the systems, and the physical properties of the accreting material. We will present the observations and analysis of the multiwavelength data.

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Date submitted: 04 Sep 2013 Electronic form version 1.4