Identifying Return-Current Losses in Flare Hard X-ray Spectra

Gordon D. Holman  
NASA Goddard Space Flight Center  
Code 671  
Greenbelt, MD 20771 USA

I will report on theoretical studies and a data analysis program aimed at identifying and physically interpreting breaks in hard X-ray spectra resulting from return-current energy losses, as well as heating of the flare plasma resulting from these losses.