Chandra Users Committee Meeting
Center for Astrophysics
December 17, 2002

The ATOMDB

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- Dec 13, 2002 Release of ATOMDB Version 1.3.0
  - Highlights Fe K-alpha calculations
  - Fixes Ni XXVI extrapolation at high temperatures
- AstroAtom Demonstration
  - Web forum to facilitate communication between atomic physicists and astrophysicists
  - Will accept postings from registered users of new papers, conference announcements, or questions
  - Will facilitate the search for atomic data by astrophysicists, will help atomic physicists to determine what calculations might be useful
- WebGUIDE Demonstration
  - Line identification tool based on ATOMDB
  - Commands also available in sherpa, using import("guide")
    - identify, given wavelength, [range width , minimum emissivity]
    - describe, given element, ion, lower level, upper level
    - strong, given temperature, [minimum emissivity, min and max wavelength]