

## GRATINGS SURVEY

- ~ 170 emails sent to 2007 Workshop Attendees and Grating PIs
- 34 responses received

### SUGGESTIONS FOR ENHANCING NUMBER or SUCCESS of GRATINGS PROPOSALS

\*\*\*\* There is **no serious problem** with the success rate. Collecting area simply limits the number of feasible sources and solid astrophysical results.

\*\*\*\* Have a **separate spectroscopy panel**, with allocation based on proposal pressure. Would focus gratings expertise and help relieve bias against long proposals.

\* **Up the "fair share"** formula to reflect the additional work/ksec. Easy/Average/Difficult exists, will be highlighted for future Cycles.

## SUGGESTIONS FOR WIDENING INTEREST

\*\*\*\*\* **Improve support** for the underlying atomic physics and database (APED), bringing it into the VO, and better s/w interfaces (APEC, PHASE, XSTAR, CLOUDY, XSPEC). CLOUDY and XSPEC now have at least beta-test capabilities to produce models that can be directly fit to grating spectra in XSPEC or ISIS. Advertise all relevant capabilities on webpages and in threads.

\*\* Raise these issues in **wider conferences**. HEAD session. Ten Years of Chandra.

\*\* **Emphasize Chandra's capabilities** Relative to XMM (e.g., LETG extends to higher wavelengths, HETG to lower, both have much better resolution, etc). [Peer Review mission summary hand-out.]

## PUBLICATIONS

\* Survey asked for list of grating-related publications; any missing have now been ingested to our bibliographic DB. Also requested reasons why some data may NOT have been published.

\* No detailed analysis of gratings vs. non-gratings publications has been done.

## REASONS FOR NOT PUBLISHING

\*\*\* A variety of reasons cited including: insufficient S/N, cash, s/w, or simply boring results.