## Results from the white dwarf standard candle working group

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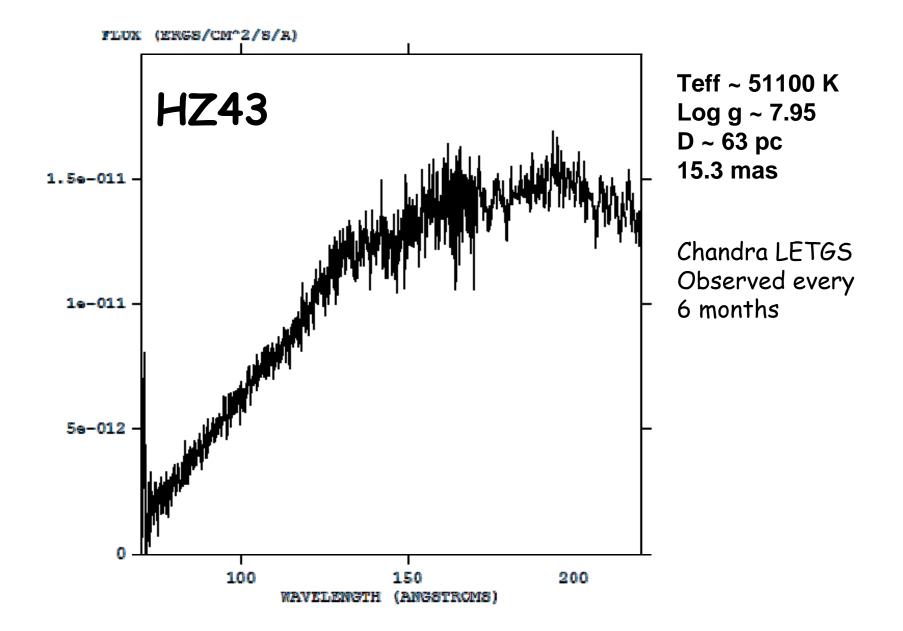
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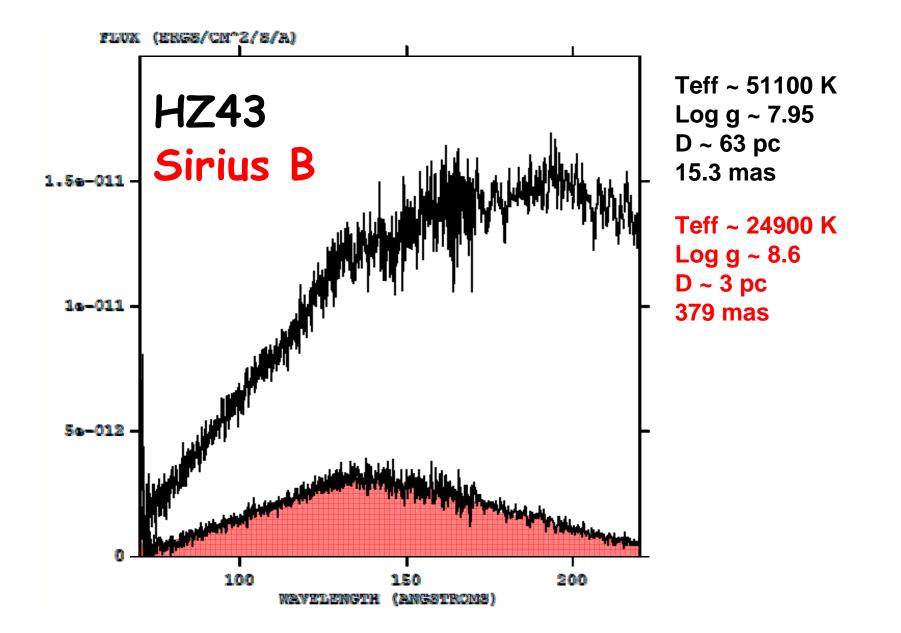
IACHEC Ringberg, May 19, 2008

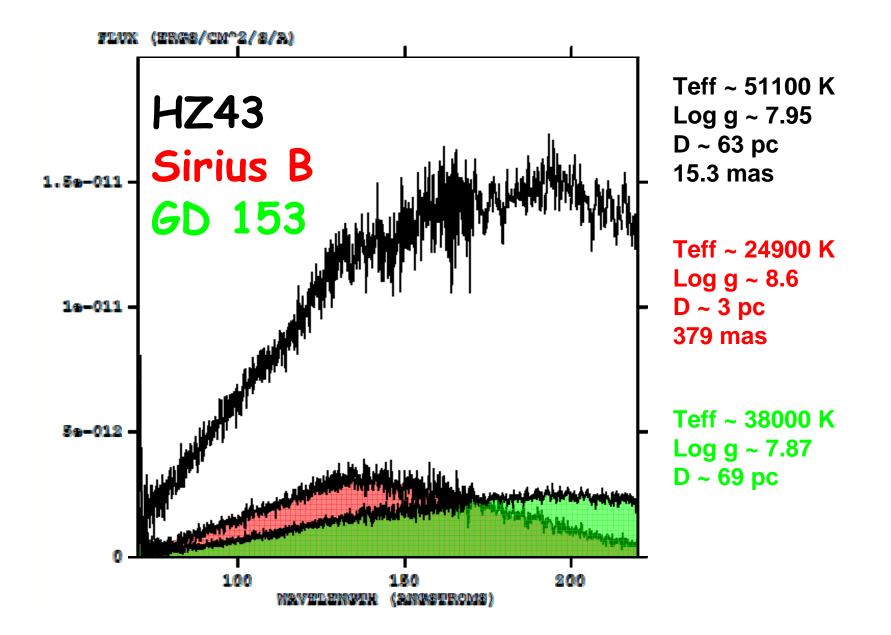
## Summary of points discussed in WG

- Status modeling and fitting of actual data
  - existing observations (HZ 43, Sirius B)
  - models (difficulties
    - TMAP-TLUSTY,
    - Long-short frequency bound-free HI continuum cut-off
- How proceed from here? What is needed?
  - Are the physical models on the right track?
  - LETGS Observations needed:
    - of a further DA white dwarf  $\rightarrow$  GD153
    - good on axis observation  $\rightarrow$  Sirius B









## Home work

- Talk to members of Chandra LETG calibration Group
- Get observation of proposed GD153 and Sirius B as
  - CAL observations or
  - GO/GTO observations
- Sofar several papers on the topic have come out.
  - New observations will also lead to interesting papers
  - both on Calibration as well as WD atmosphere theory.

