Results from the white dwarf standard candle working group

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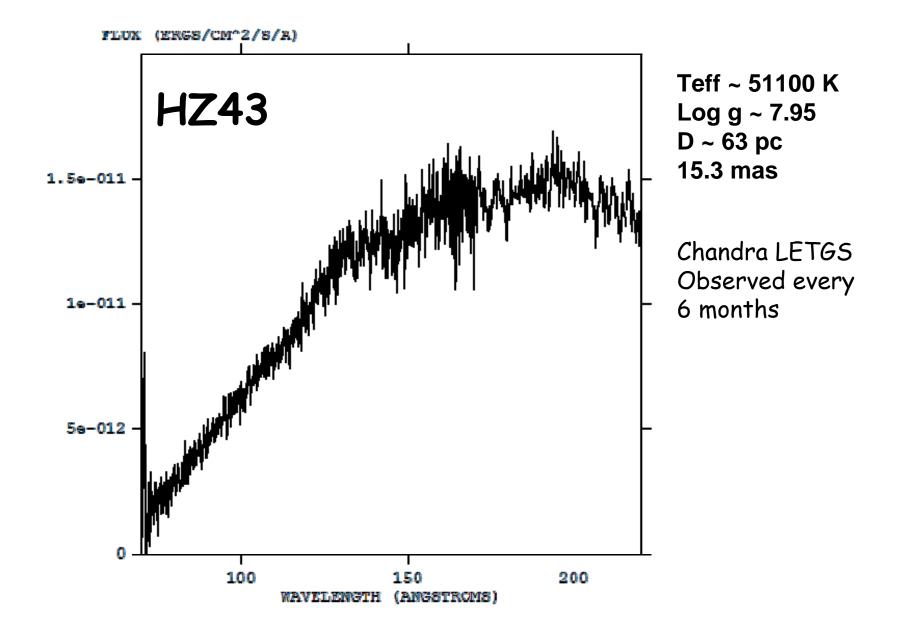
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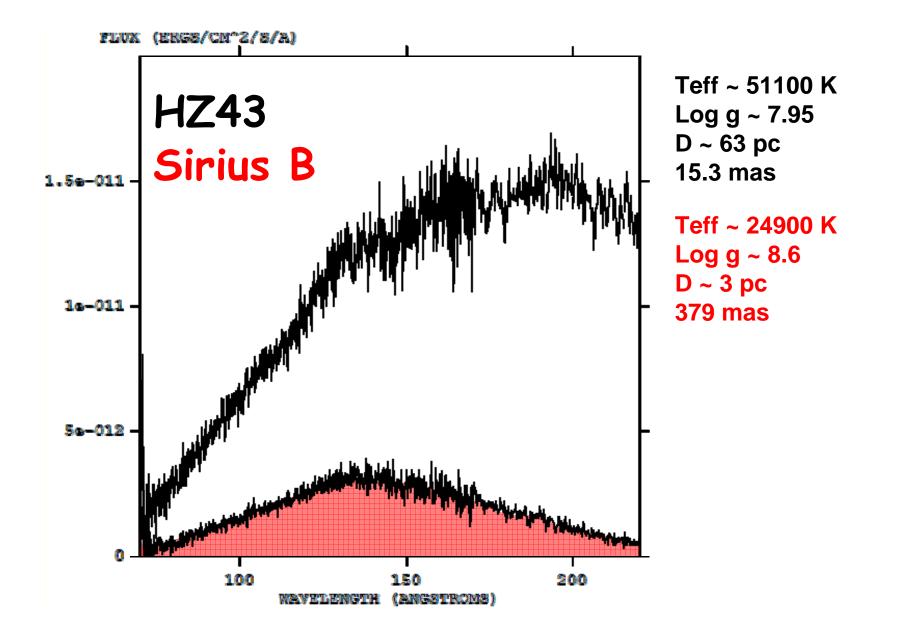
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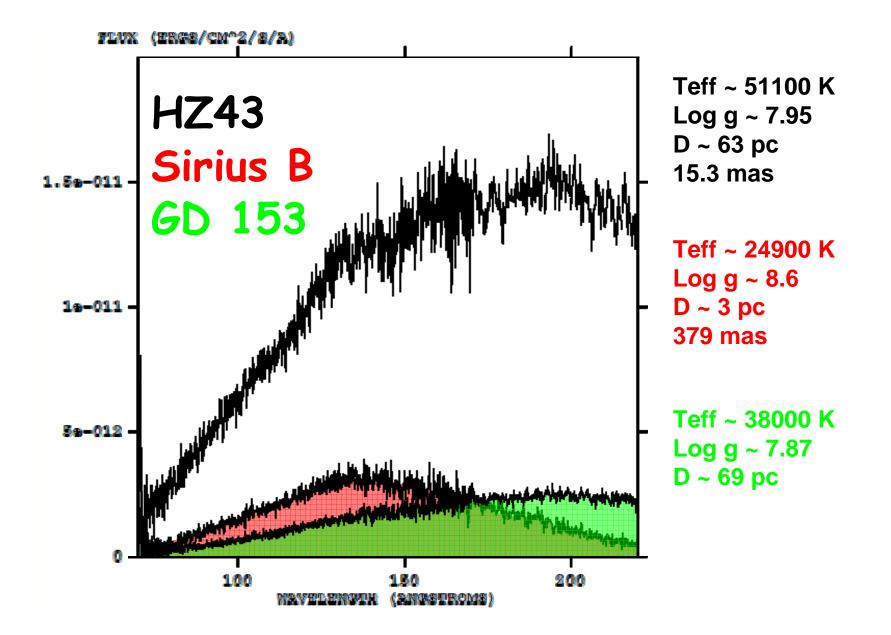
Summary of points discussed in WG

- 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.

