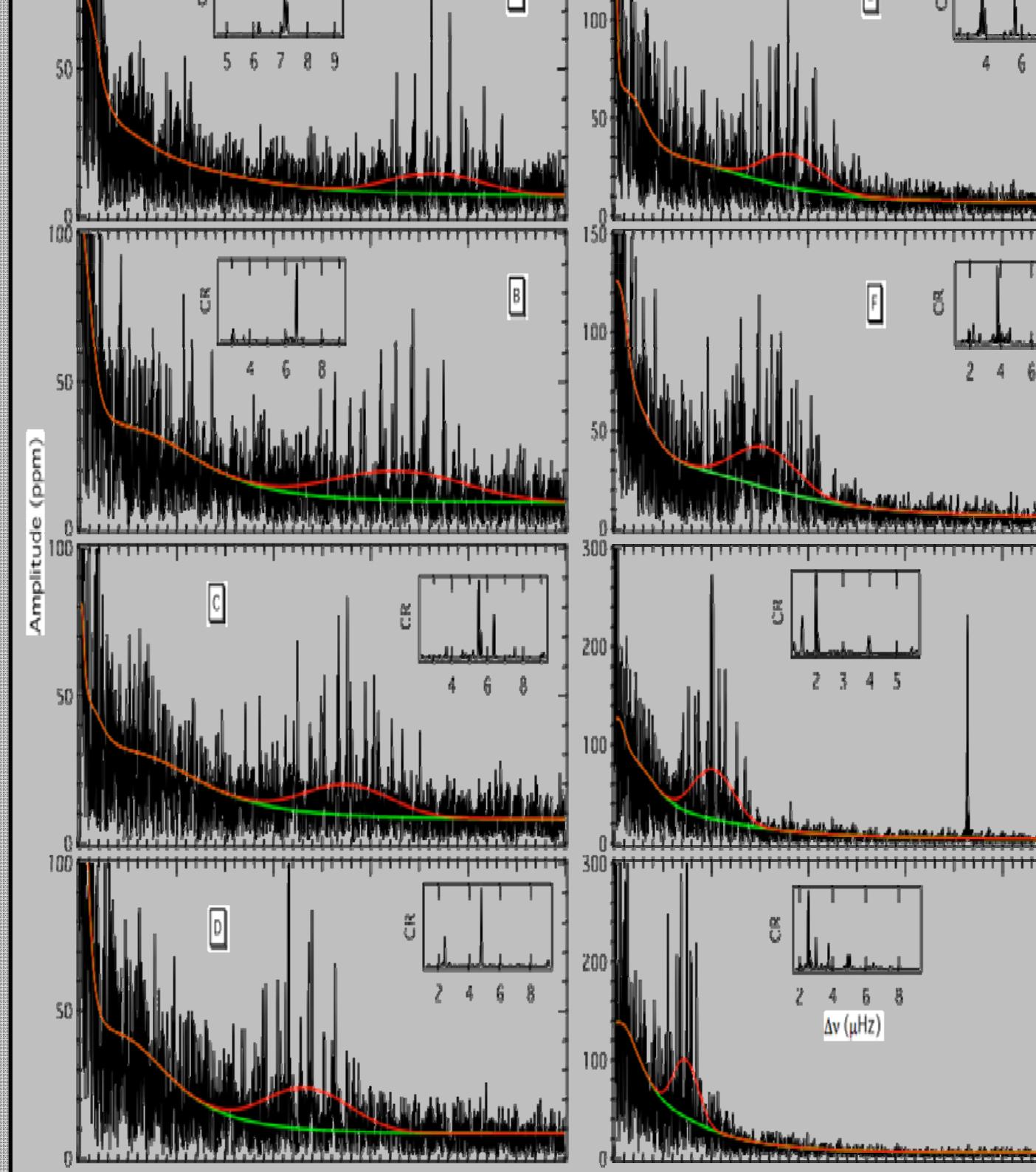
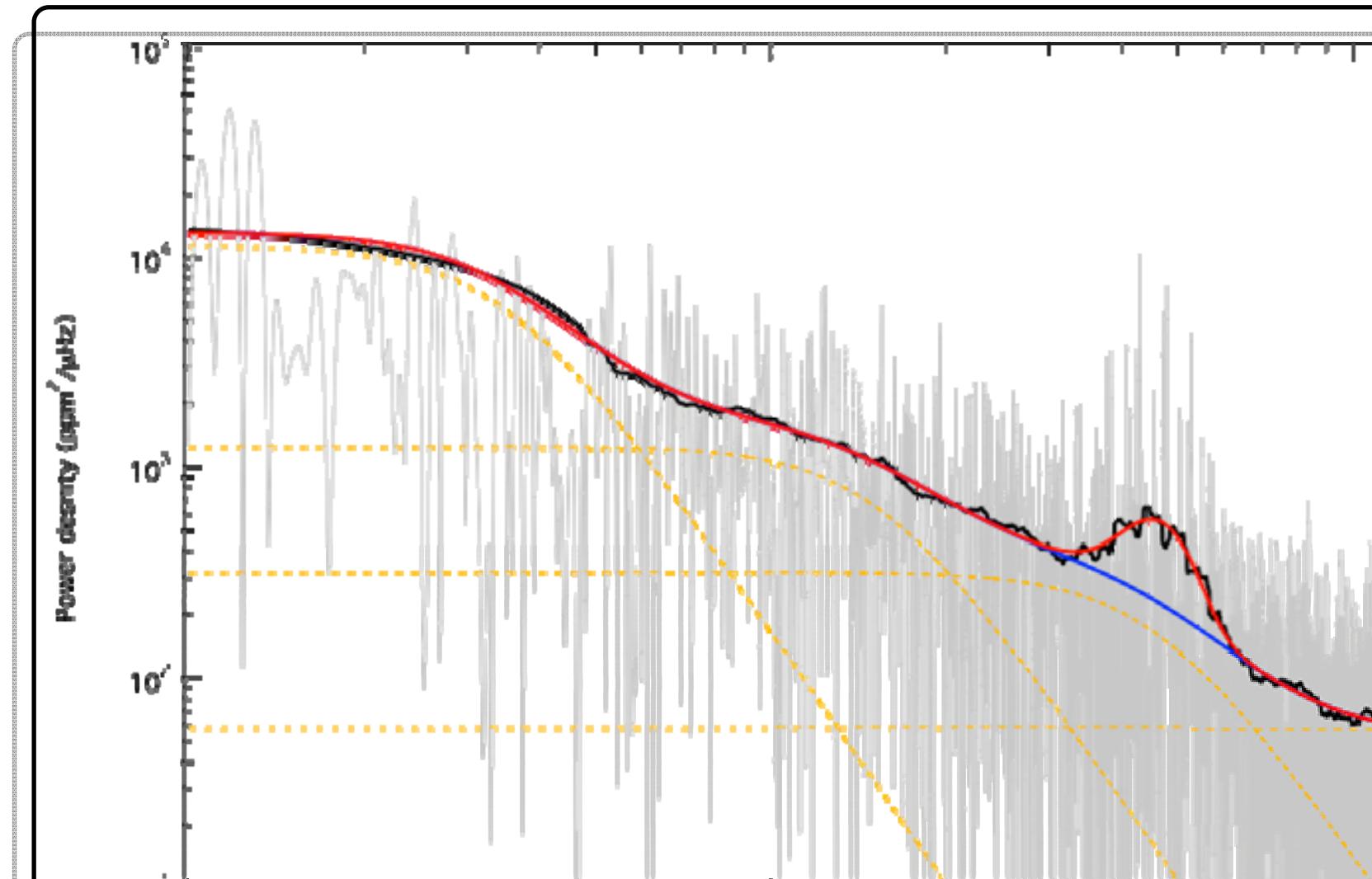


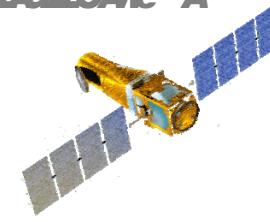
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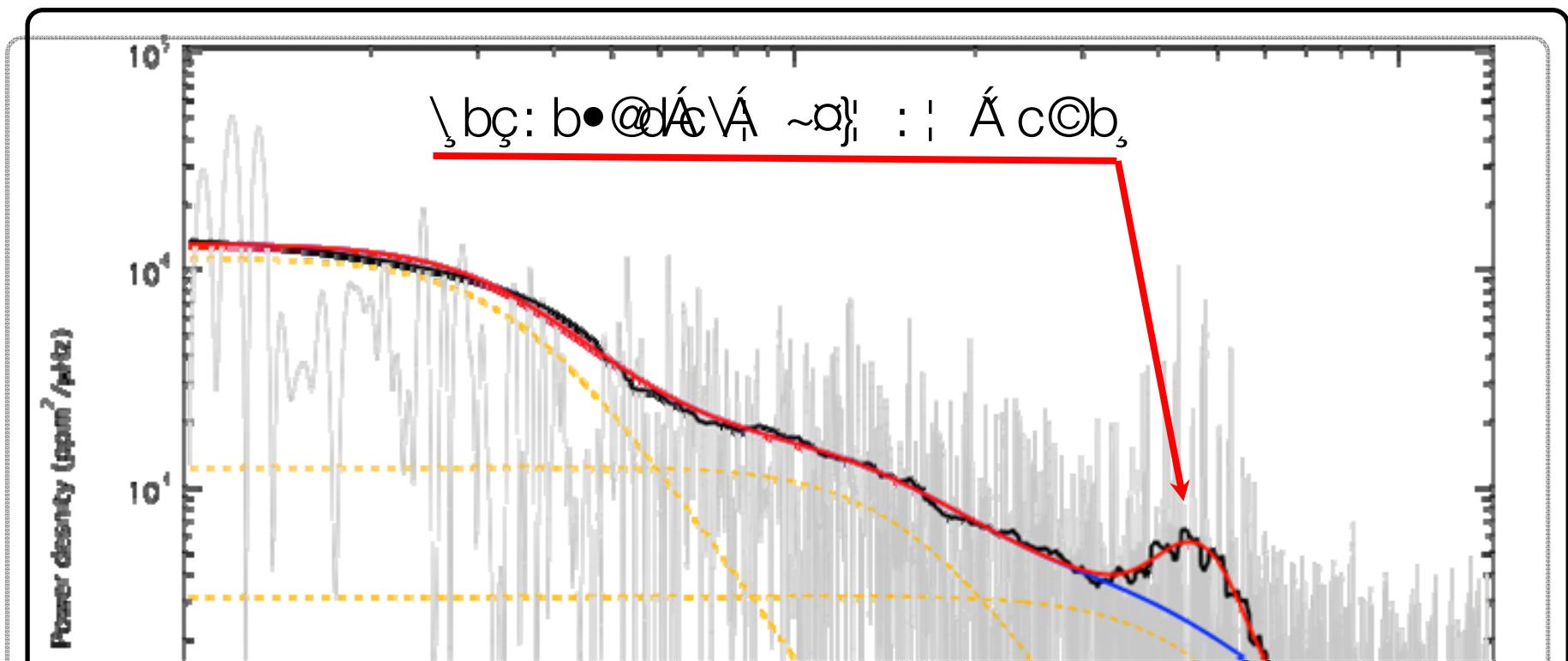
$$P(\nu) = P_n + \sum_i \frac{P_i}{1 + (B_i \cdot \nu)^4} + P_g \cdot e^{(\nu_{\max} - \nu)^2 / (2\sigma^2)}$$

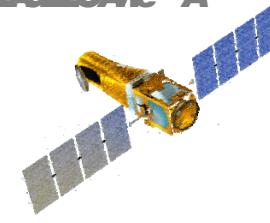




$\tilde{A} : \tilde{C} \sim^{\tilde{C}_s} \tilde{AG}, b \in \tilde{b} \bullet @ \tilde{A} \backslash \tilde{A} \sim \tilde{a} \{ \vdash : \tilde{A} c @ b_s$

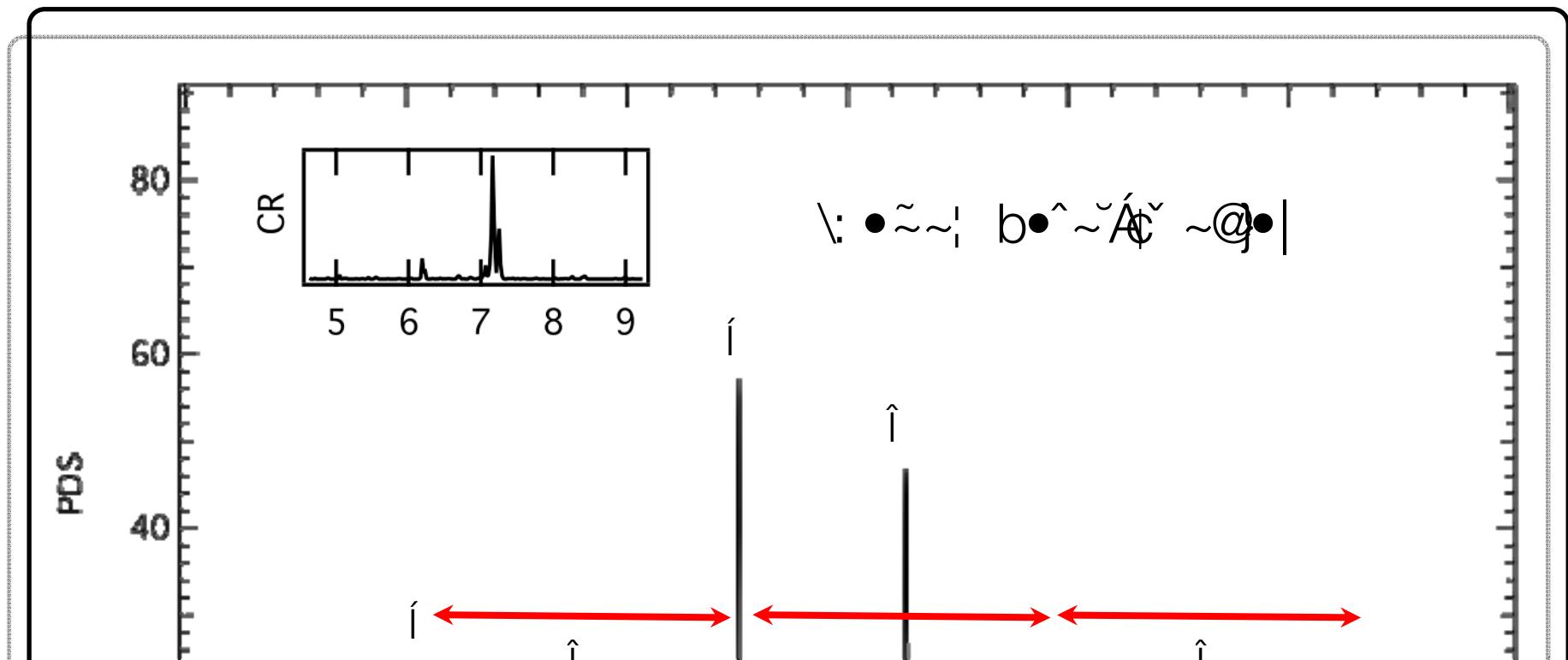
$$\propto c_s/H_p \propto g/\sqrt{T_{\text{eff}}}$$

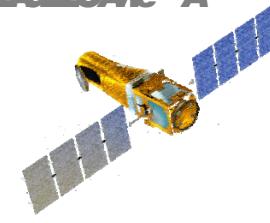




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$c_s)^{-1}$



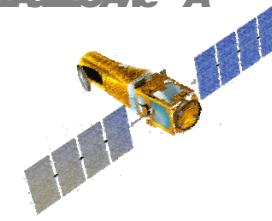


$\Delta\nu \sim C_s G \sim \frac{1}{\alpha} \cdot \frac{1}{b}$

$\Delta\nu \sim \frac{1}{\alpha} \cdot \frac{1}{b}$ \rightarrow $\sim \frac{1}{\alpha} \cdot \frac{1}{b}$

| | ν_{max} [μHz] | $\Delta\nu$ | T_{eff} [K] | this work | | literature | |
|-----------------------------|--|-------------|-------------------------|-----------|------|------------|------|
| | | | | R | M | R | M |
| M67 13 ^e | 208.9 | 15.9 | 4870 | 4.6 | 1.32 | 4.3 | 1.35 |
| ν Ind ^f | ~320 | 24.5 | 5300 | 3.04 | 0.93 | 2.97 | 0.85 |
| ζ Her A ^g | ~700 | ~43 | 5830 | 2.27 | 1.19 | 2.51 | 1.3 |
| α CMi ^g | ~970 | ~54 | 6530 | 2.11 | 1.51 | 2.08 | 1.5 |
| β Hyi ^h | ~1000 | 56.2 | 5800 | 1.89 | 1.17 | 1.87 | 1.1 |
| μ Ara ⁱ | ~1900 | ~90 | 5810 | 1.40 | 1.23 | 1.38 | 1.18 |
| α Cen A ^j | ~2300 | ~106 | 5770 | 1.22 | 1.12 | 1.22 | 1.11 |

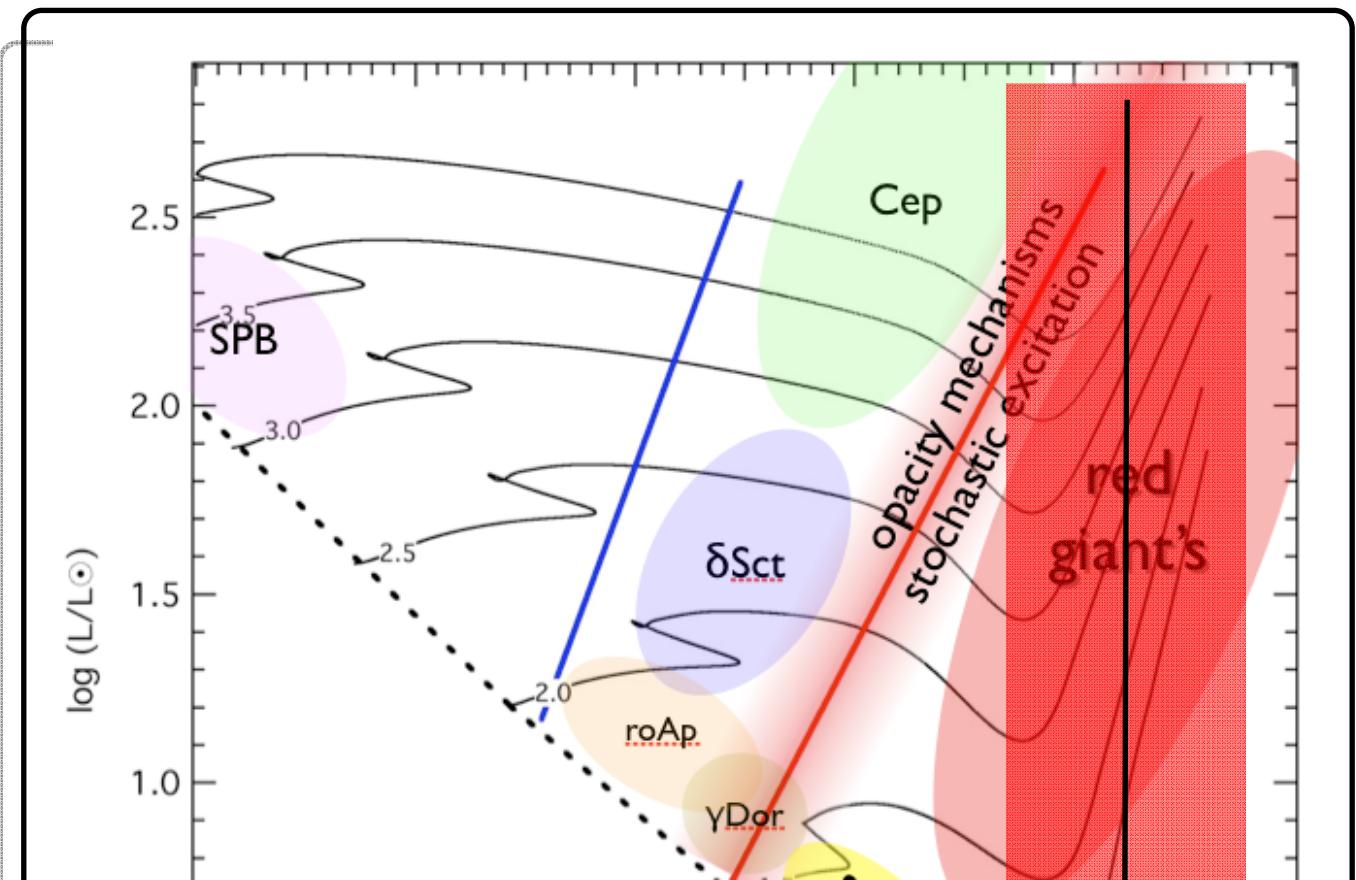
$\frac{M}{3}$
 $\frac{M}{\sqrt{T_{\text{eff}}}}$

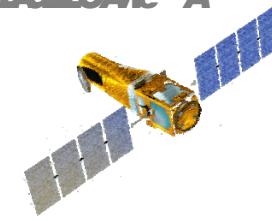


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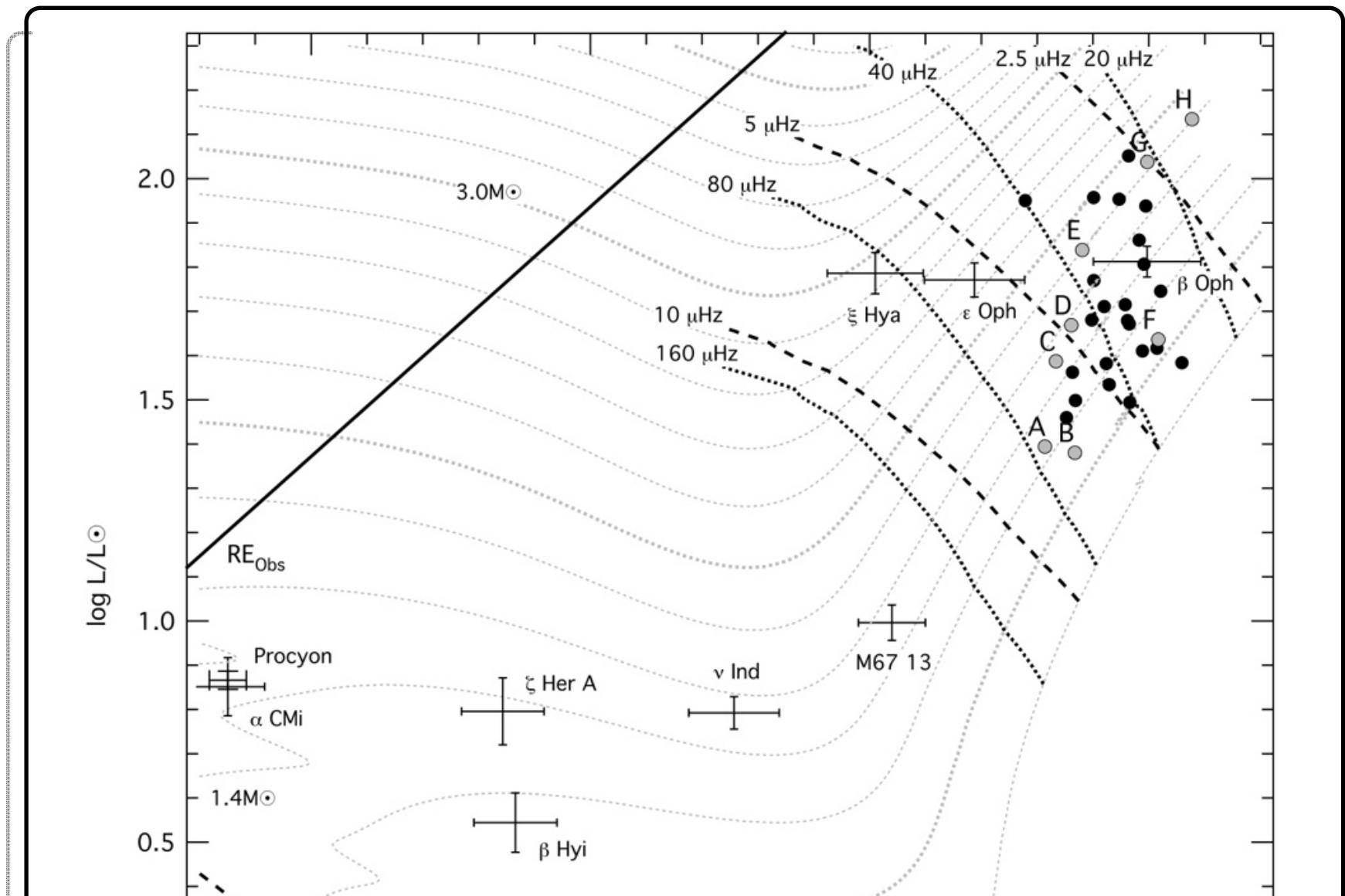
> VðAÝb\|^cÁ•Á~, b,~| b,, , ~: bÁVÁJLKÍ Ú

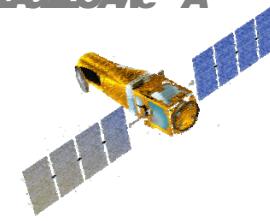
| T _{eff} [K] | this work | | literature | |
|-------------------------|-------------------------|------|------------|------|
| | R | M | R | M |
| | ----- solar units ----- | | | |
| - | 14.8 | 3.0 | 12.2 | 3.2 |
| - | 10.7 | 1.82 | 10.8 | 2.02 |
| - | 10.2 | 2.85 | 10.4 | 3.07 |
| - | 6.6 | 1.63 | 6.3 | 1.6 |





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o^Á bdc•~Ác: | { Áb^}~ ^b¢Ác, ÁÜ Á•~Á
~Å,~| b~¢: ,b| b•^ÁcÁ bb~b~

[]¢@•Á bÁ{ bÁ : ^¢~^}c•Á; ^ } : ~b¢/

$$v_{\text{osc}} \propto \left(\frac{L}{M}\right)^s \quad \therefore \cdot c\} dÁ; ^ } : ~b\tilde{N} \quad \frac{\delta L}{L} \propto \left(\frac{M}{L \cdot T_{\text{eff}}^2}\right)^s$$

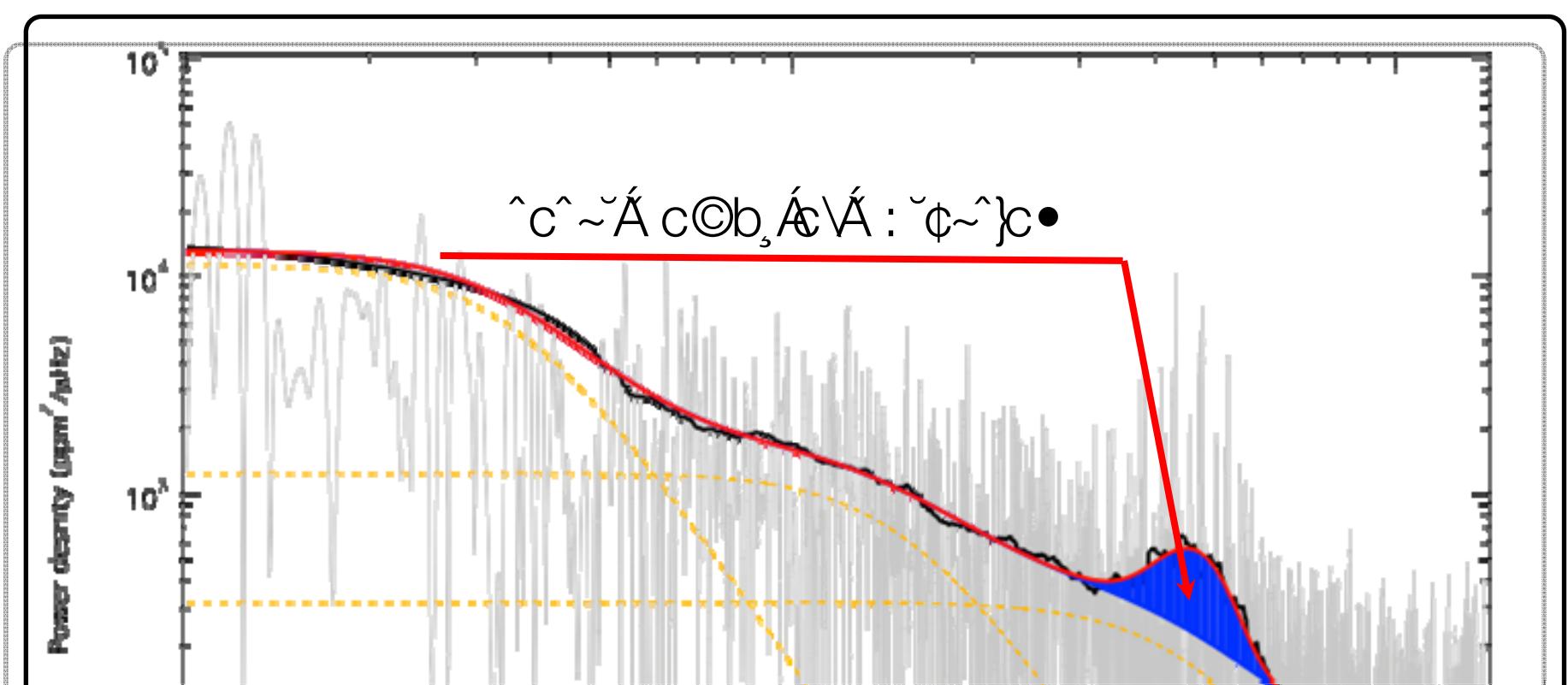
bHÍÁb~¢b•Áb~~}• ÁNNK

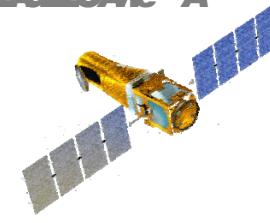


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$$\frac{L}{\cdot T_{\text{eff}}^2}$$

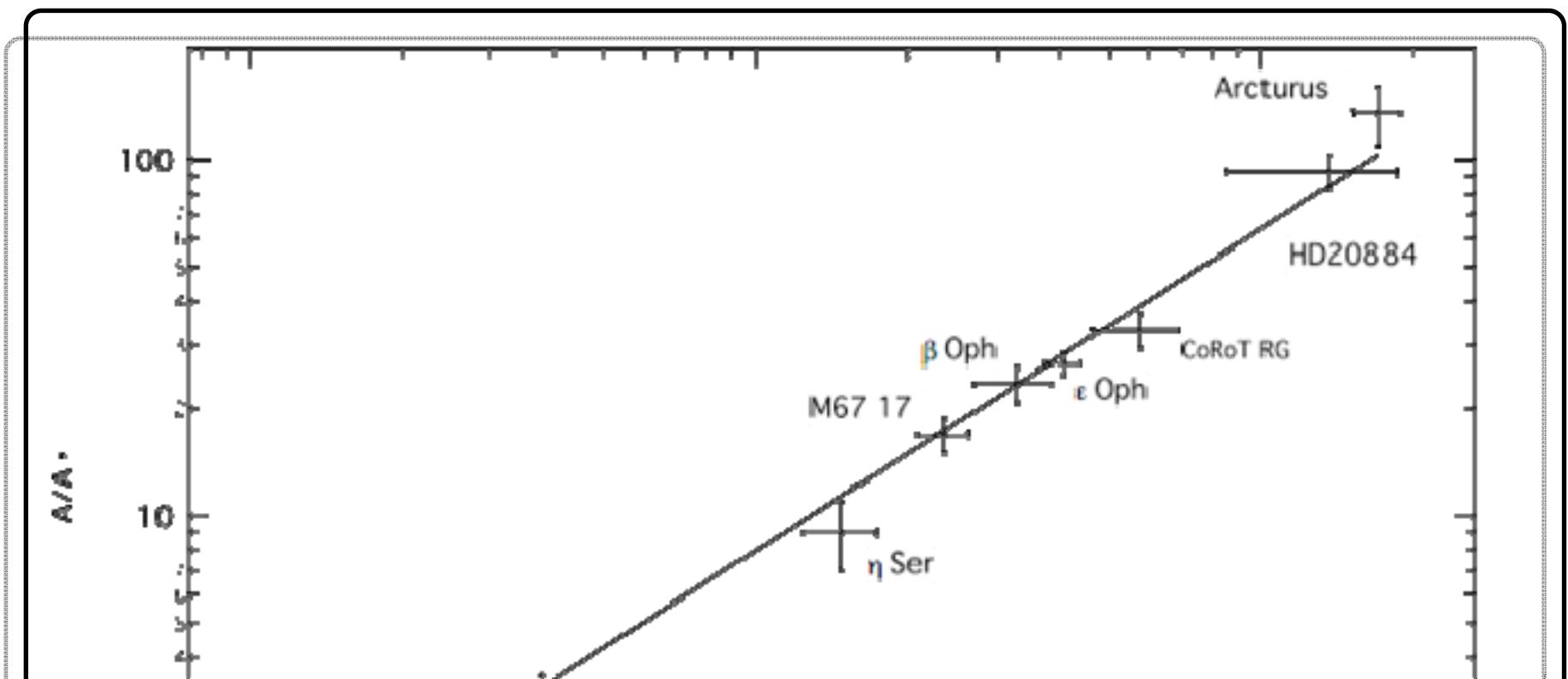
$$\frac{A_{\text{tot}}}{A_{\text{tot}, \odot}} \propto \frac{\nu_{\text{max}, \odot}}{\nu_{\text{max}}} \cdot (T_{\text{eff}})^{1.5}$$

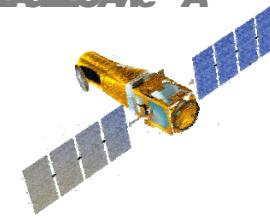




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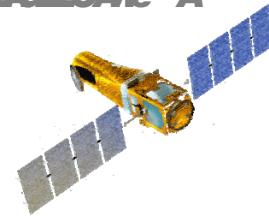
~dÁ{bÁ{b, b\v{c} Á•Á: ^c! ~}@Ác: ^}•bÁ{ }@ Á{cÁ{ bÁ c@b, /
c}dÁ{ b@, ~Á{VPCYcÝÁŠÁ•~Á}, bÁb}~*`bÁ •@, ^}•^}b¢/

c@bÁ{ b•Á ~, b

Ð: •@, ^~}•^}b¢E\Á{ bÁ`c* ~Á, c\v{b, ^}b¢Á\Ác~`Gd' bÁc@Á•ÁŠ
Ê: ~oFÁvFÁWc^Ë

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