

Departures from LTE for Ca I/II depending on metallicity

DETSURF/detail_f90/detail

executable files

DETSURF/surface_f90/surface

- Make a working directory in your groupX;
- it is suitable to have subdirectories detail and surface for running.

Link files for background opacity from DETSURF/DATA/

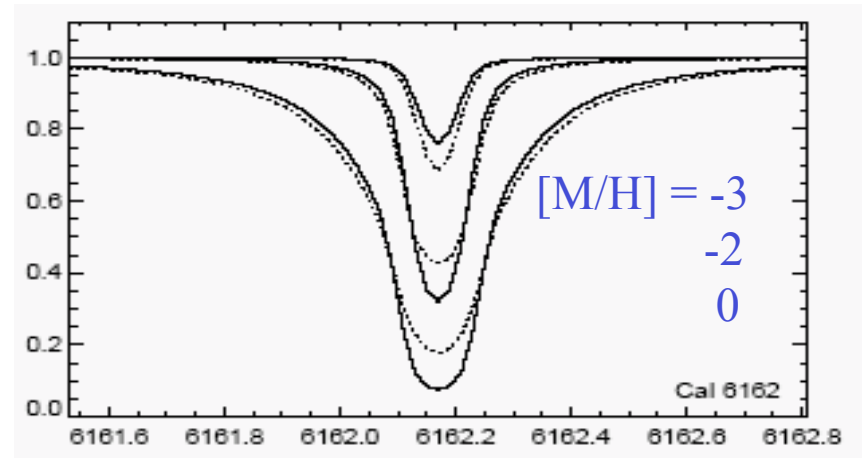
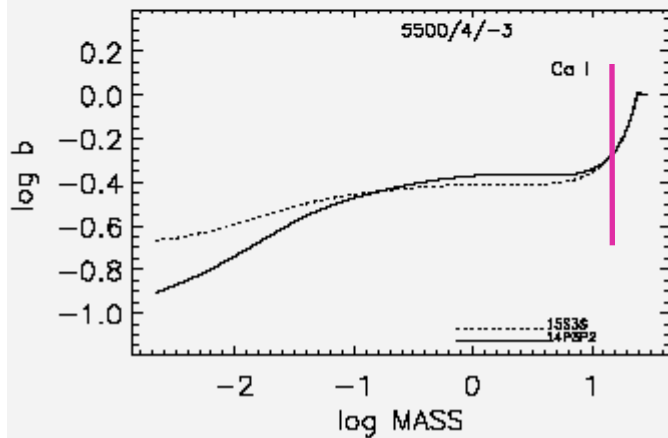
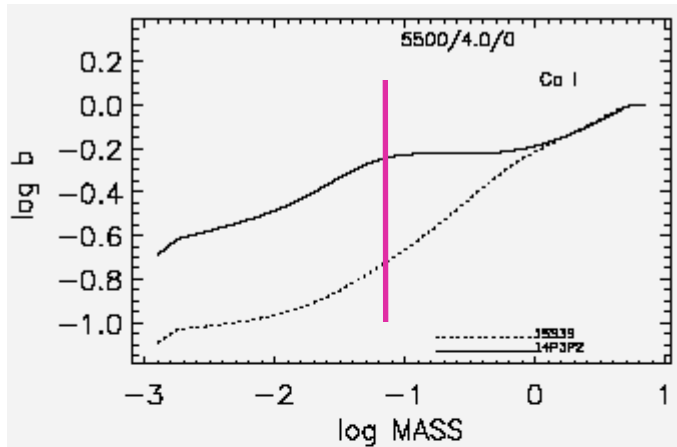
Copy input files, *.f from exercise7/detail/

Copy input file, *.f from exercise7/surface/

Copy model atmospheres from exercise7/models/

Copy *.pro from exercise7/

Results



5500_40_p0*.out

Ca I 6162 mass = 0.094

5500_40_-3*.out

Ca I 6162 mass = 18.17