

Atlas of the Arcturus MgH line's families spectrum*

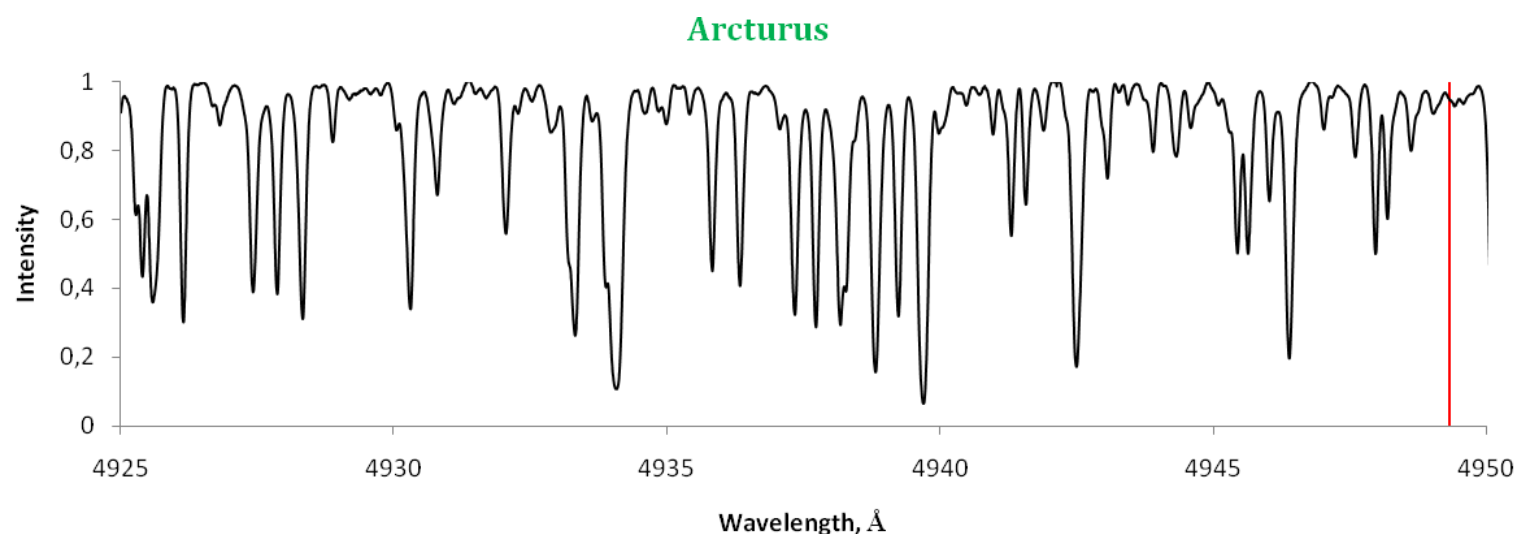
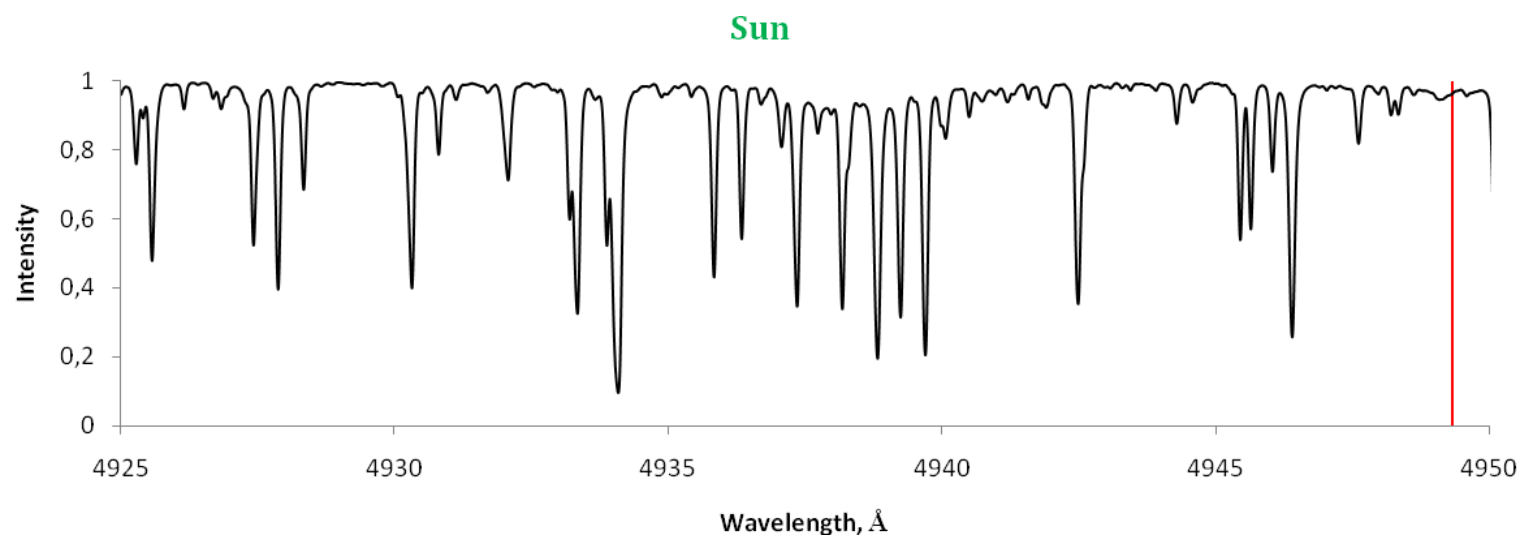
O. M. Ivanyuk, Ya. V. Pavlenko

Atlas consists on three parts:

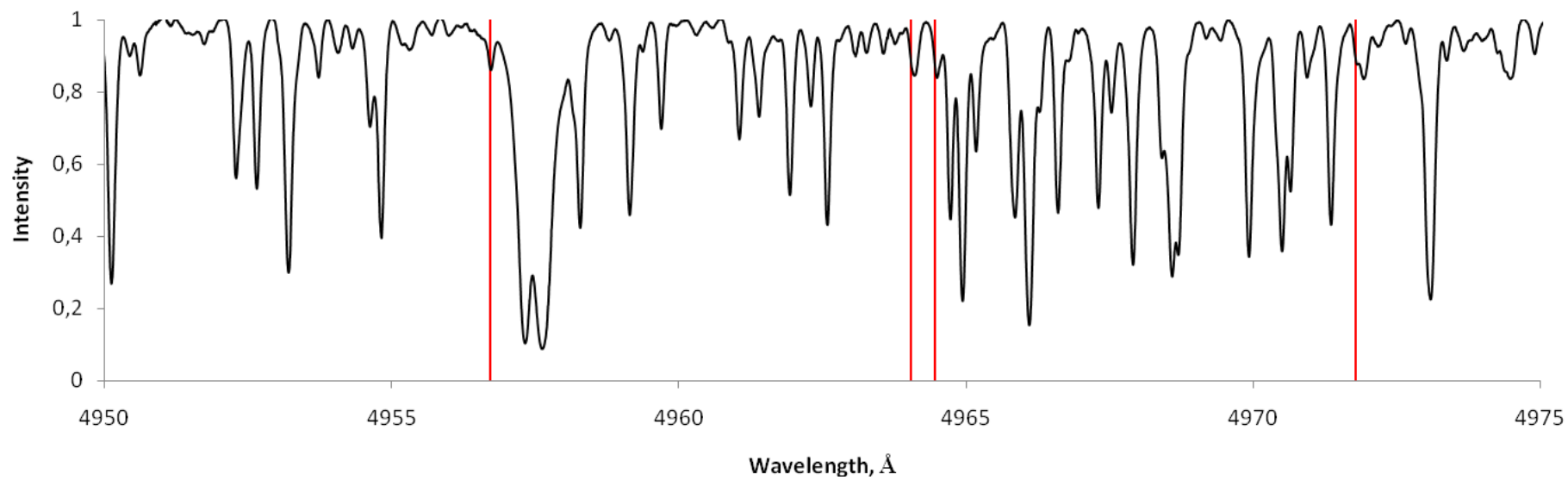
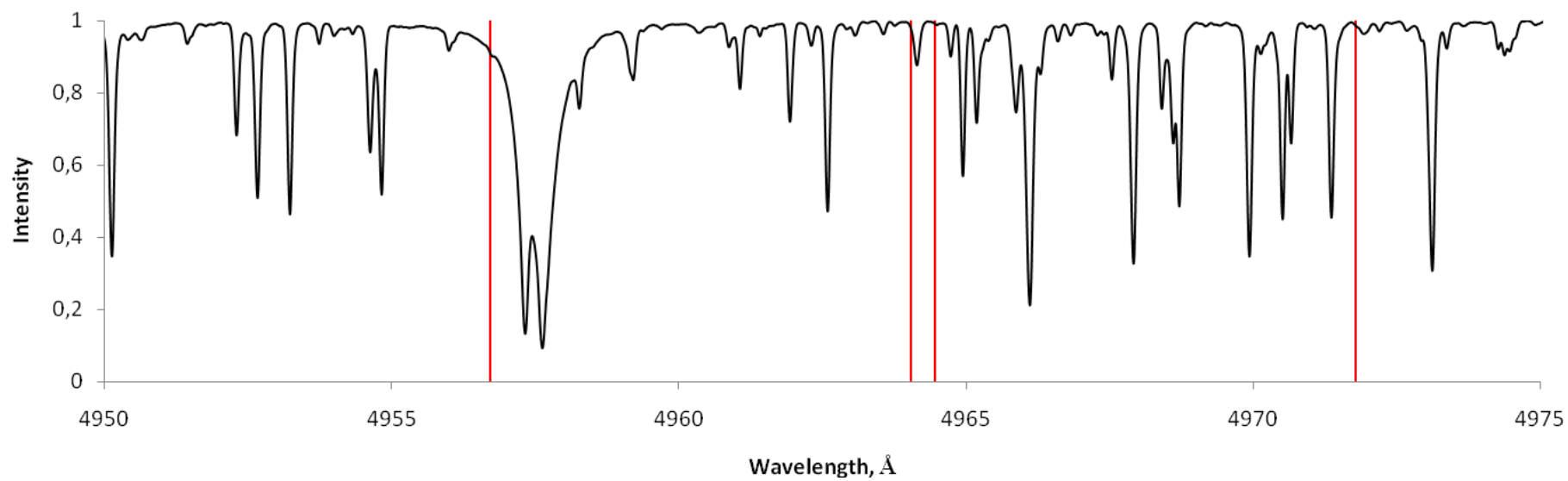
- The first part – is a spectrum atlas in range from 4925Å till 5225Å that covers MgH A-X 0-0, MgH A-X 1-1 and MgH A-X 2-2 line's families
- The second part of atlas shows range from 5375Å till 5625Å in accordance with MgH A-X 0-1 and MgH A-X 1-2 families
- And the third part contains chart that shows number of lines that lies on specific spectrum range corresponding number of Angstroms per one page of atlas (25Å in this work)

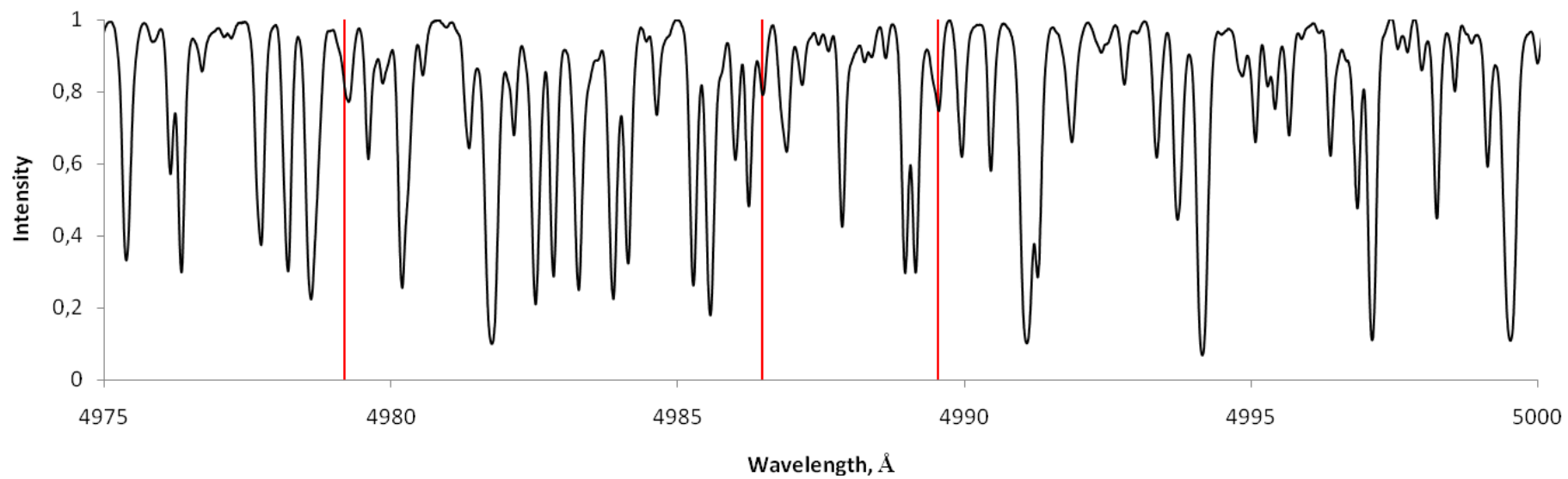
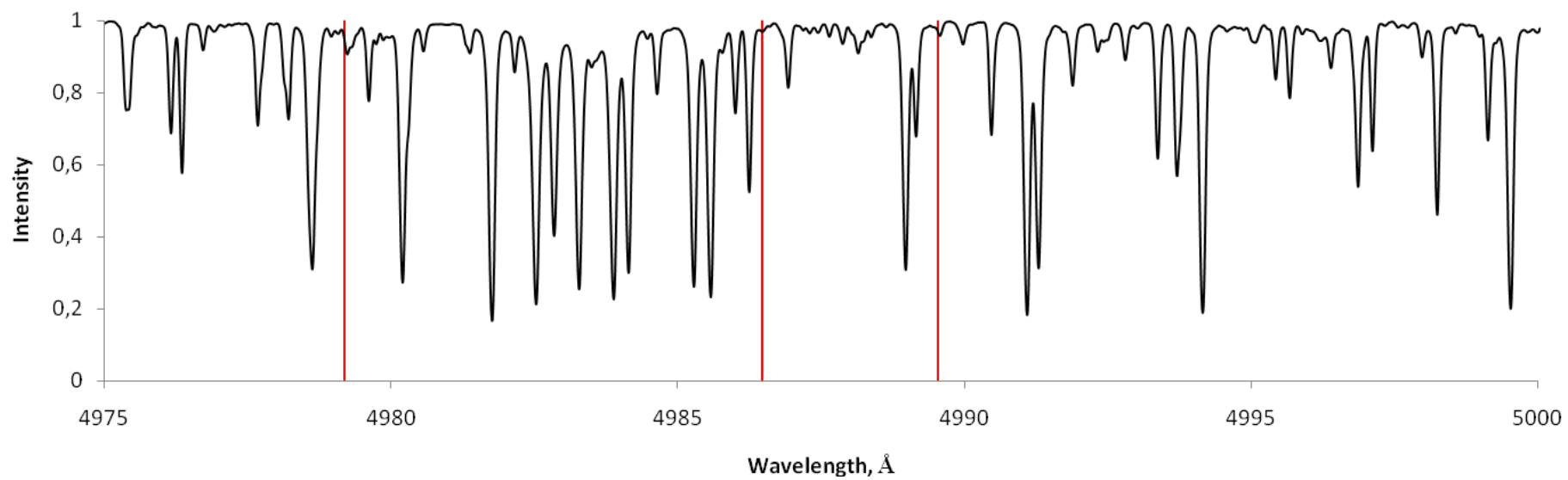
* Based on "Visible and Near Infrared Atlas of the Arcturus Spectrum" 3727-9300 Å developed by Kenneth Hinkle, Lloyd Wallace, Jeff Valenti, Dianne Harmer (San Francisco: ASP, ISBN: 1-58381-037-4, 2000)

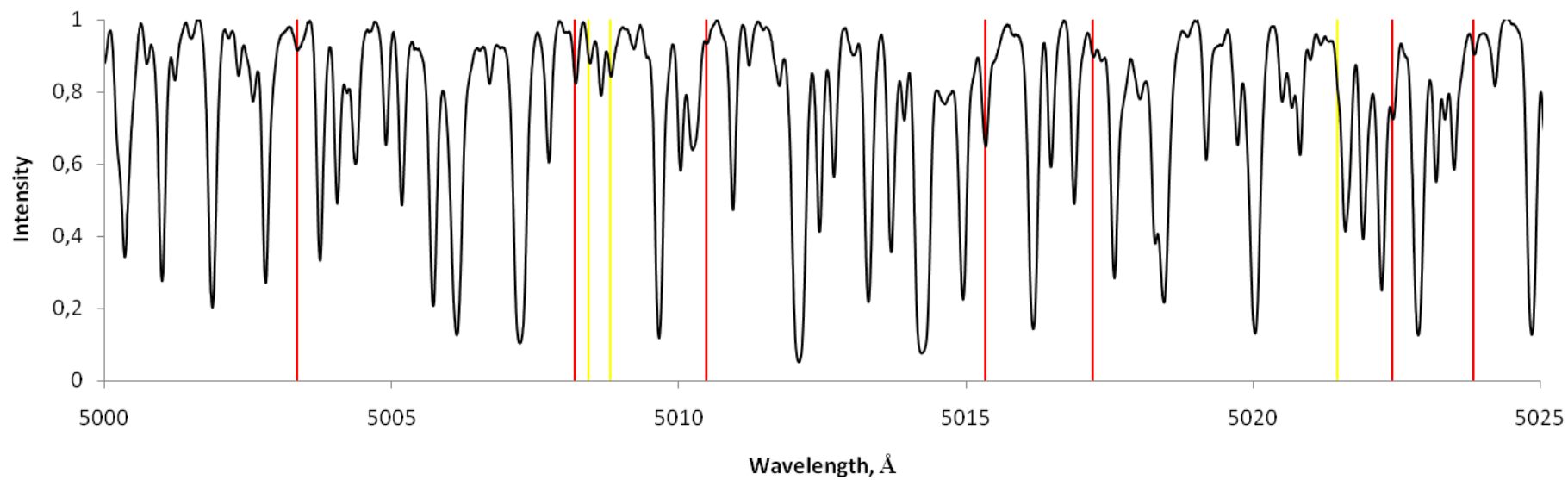
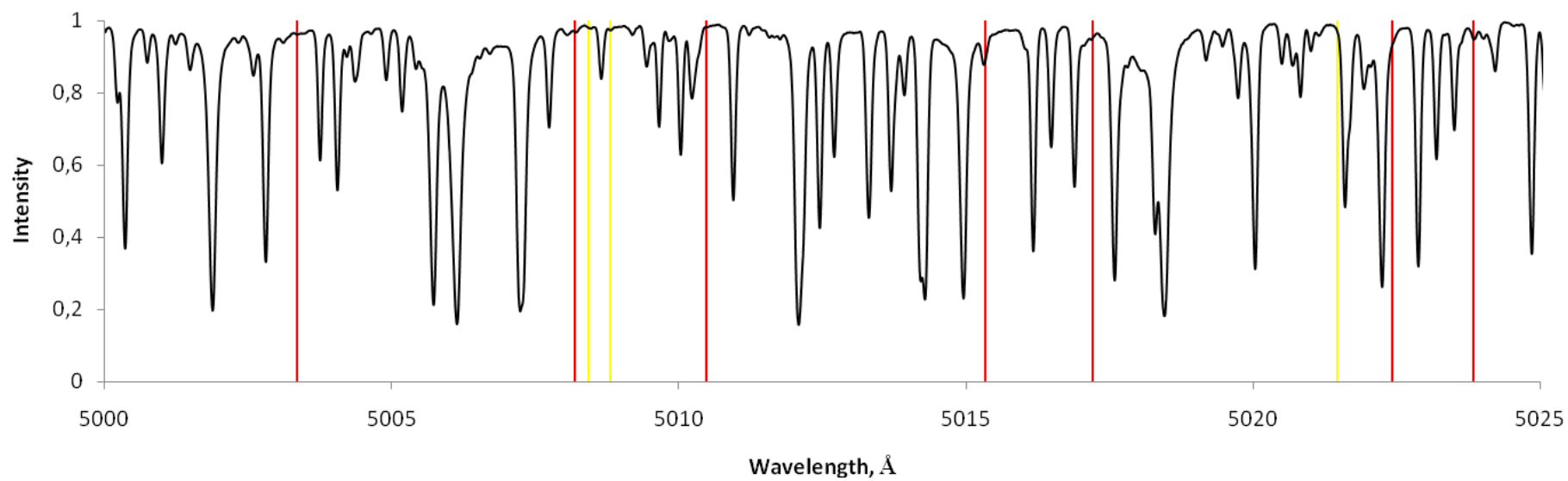
Part #1

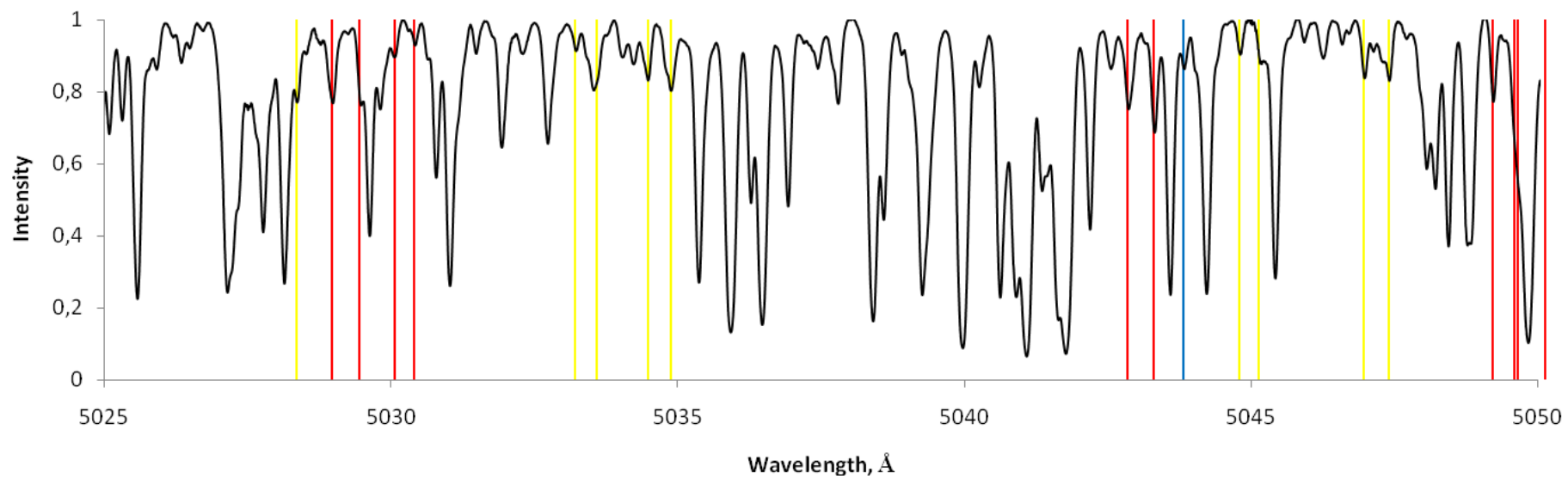
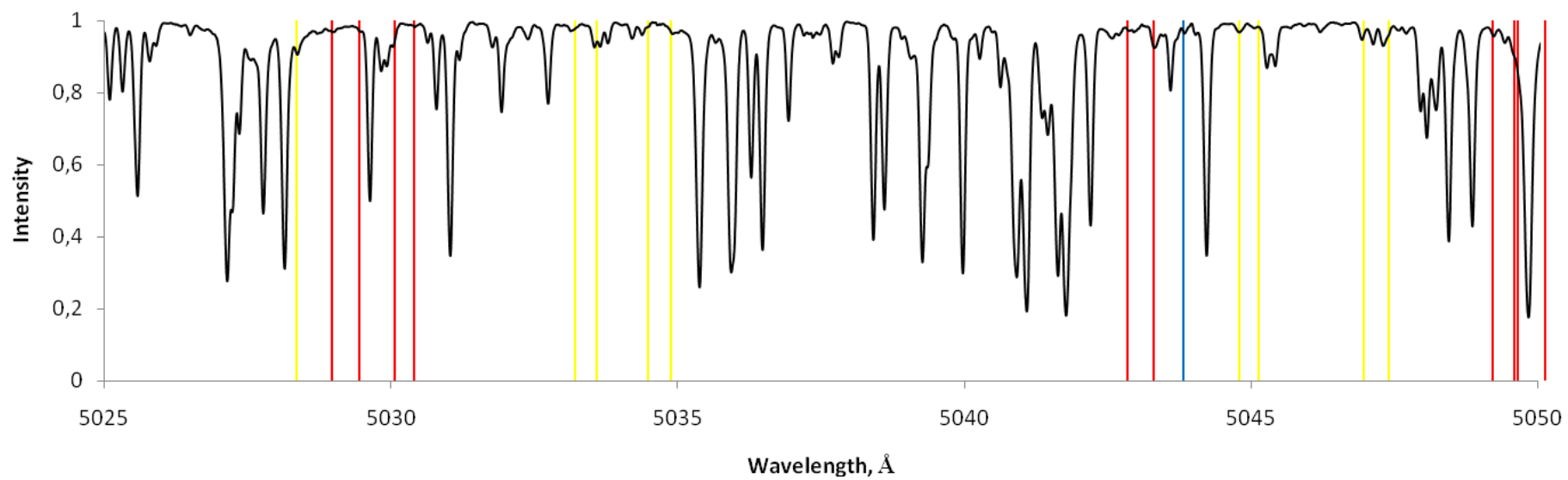


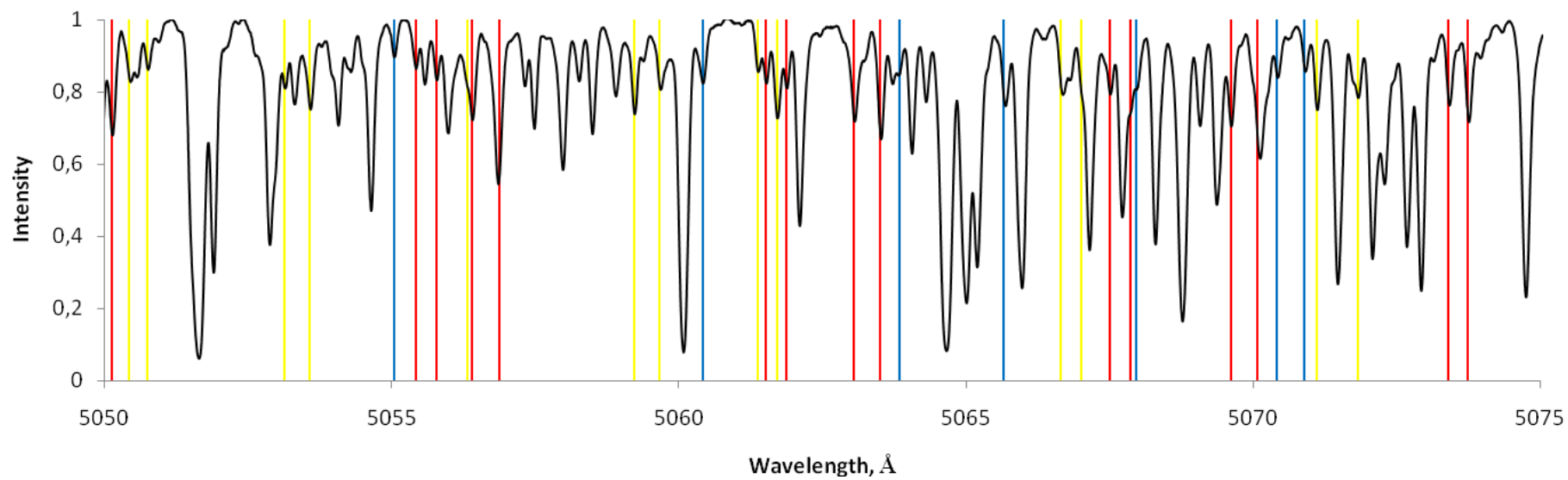
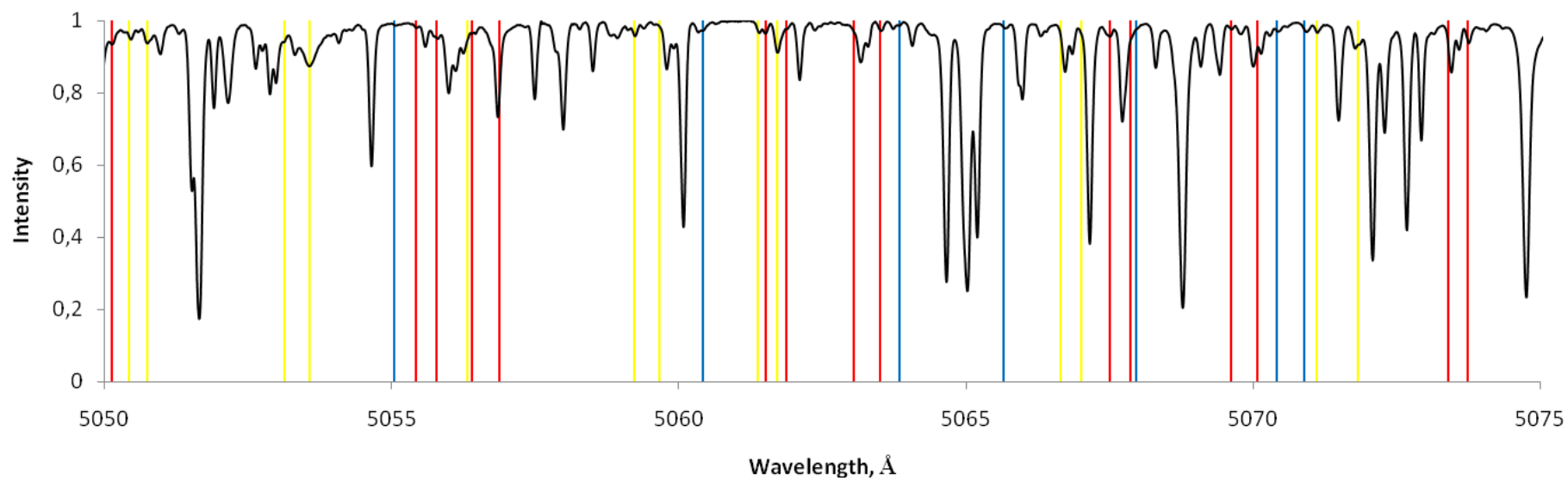
- Sun
- MgH A-X 0-0
- MgH A-X 0-1
- MgH A-X 1-1
- MgH A-X 1-2
- MgH A-X 2-2
- Arcturus

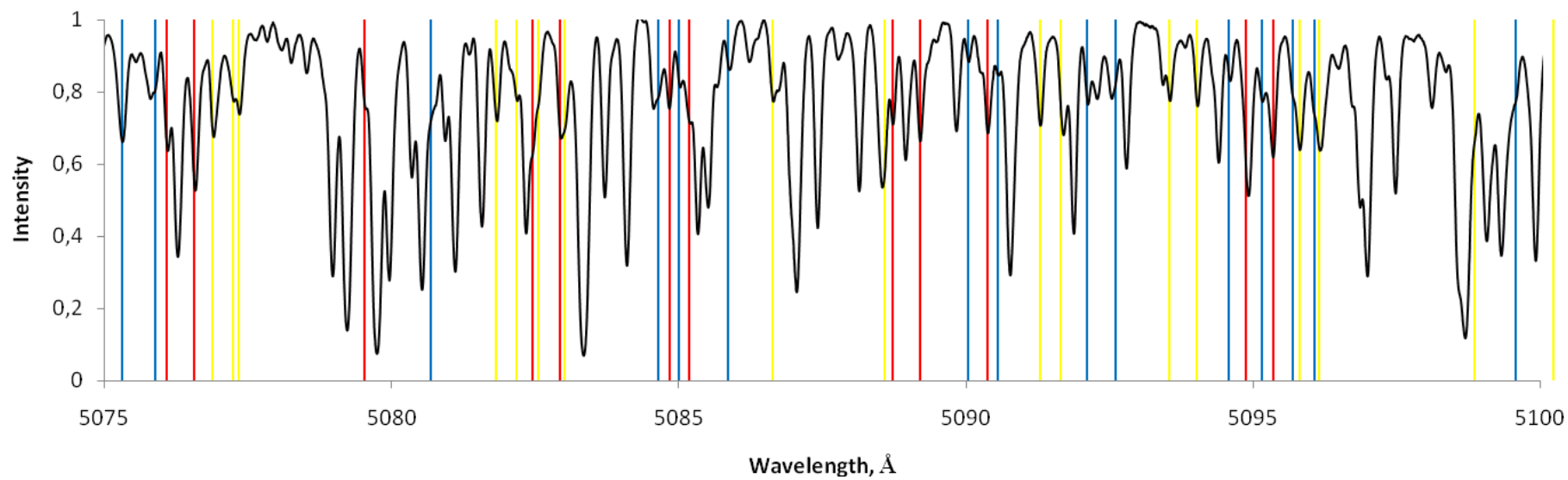
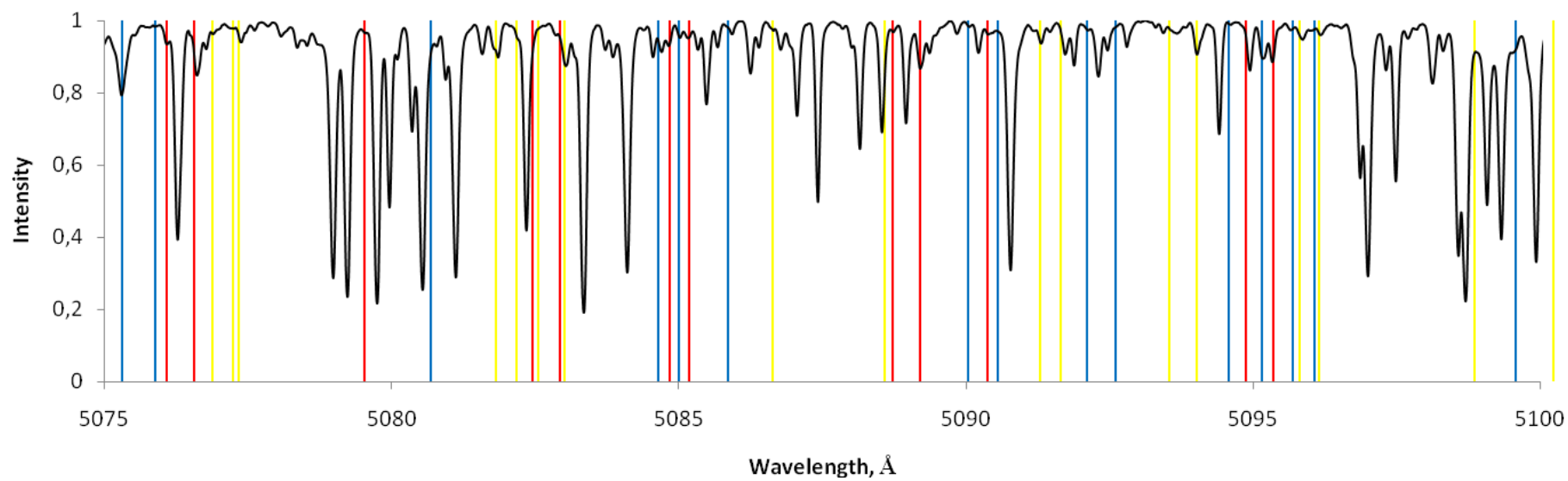


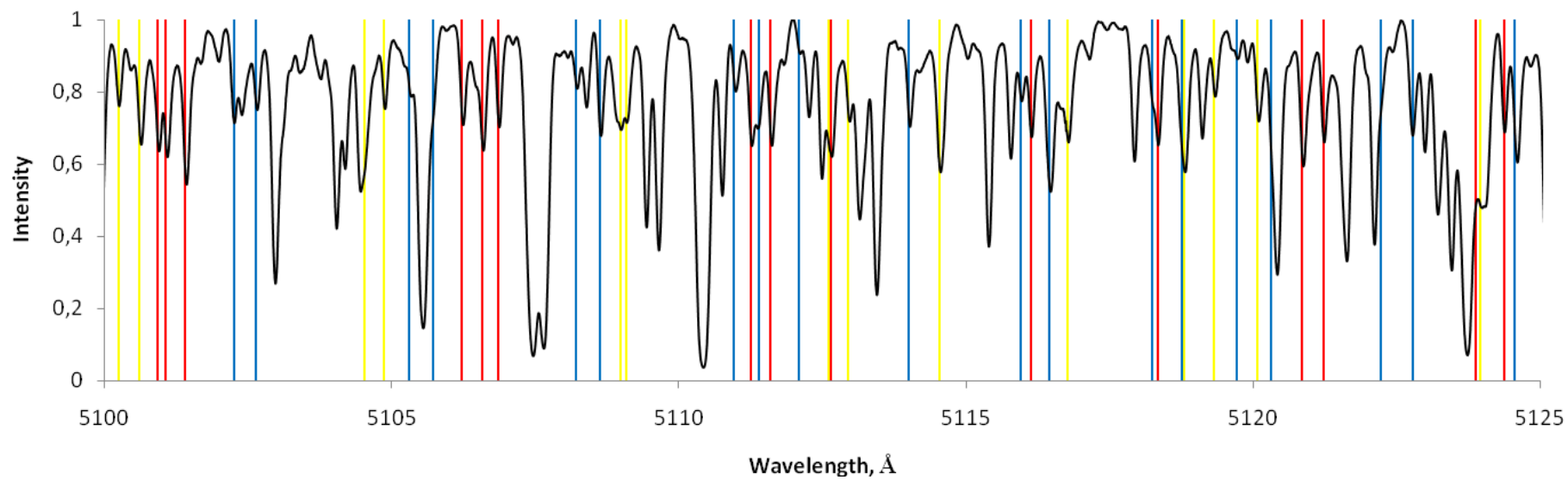
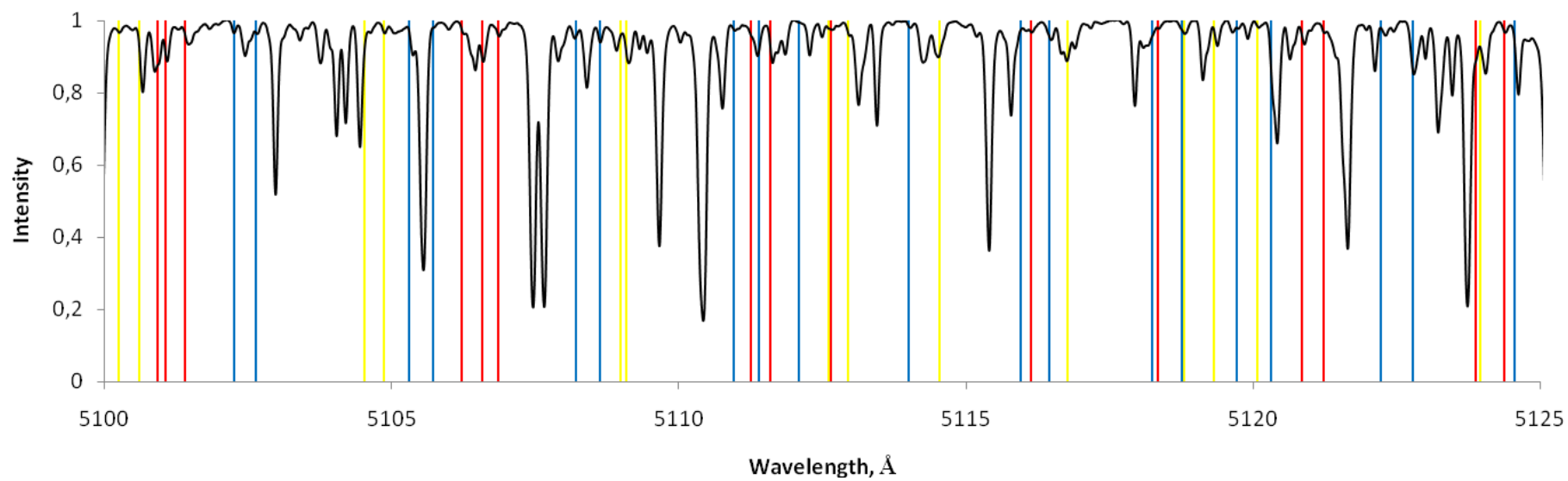


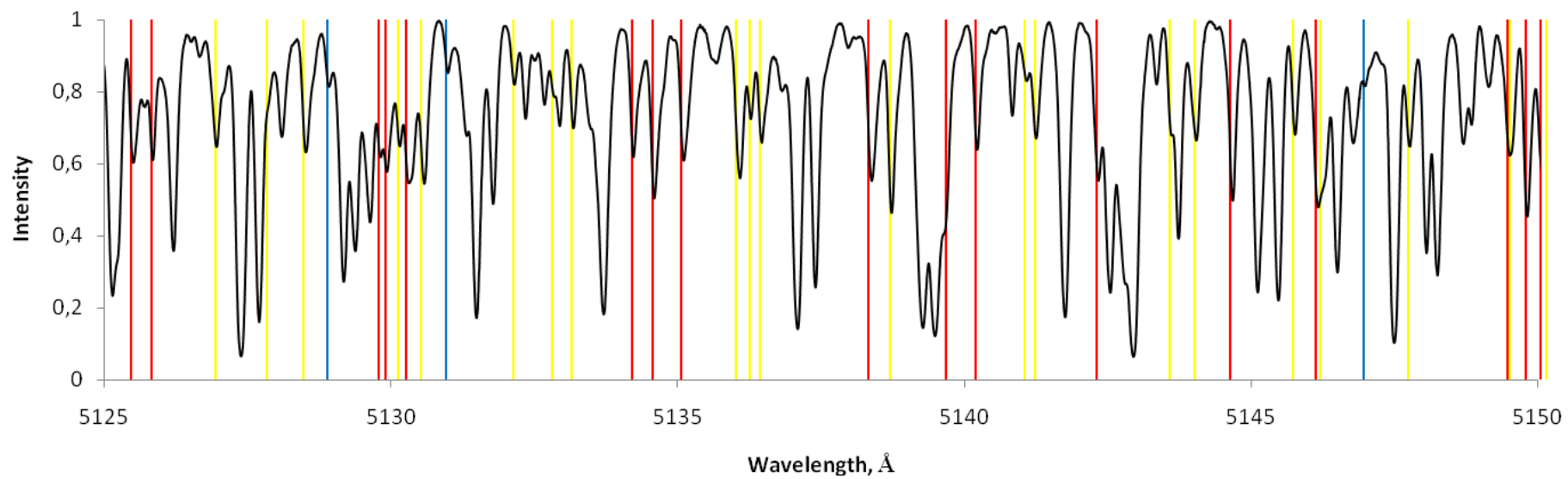
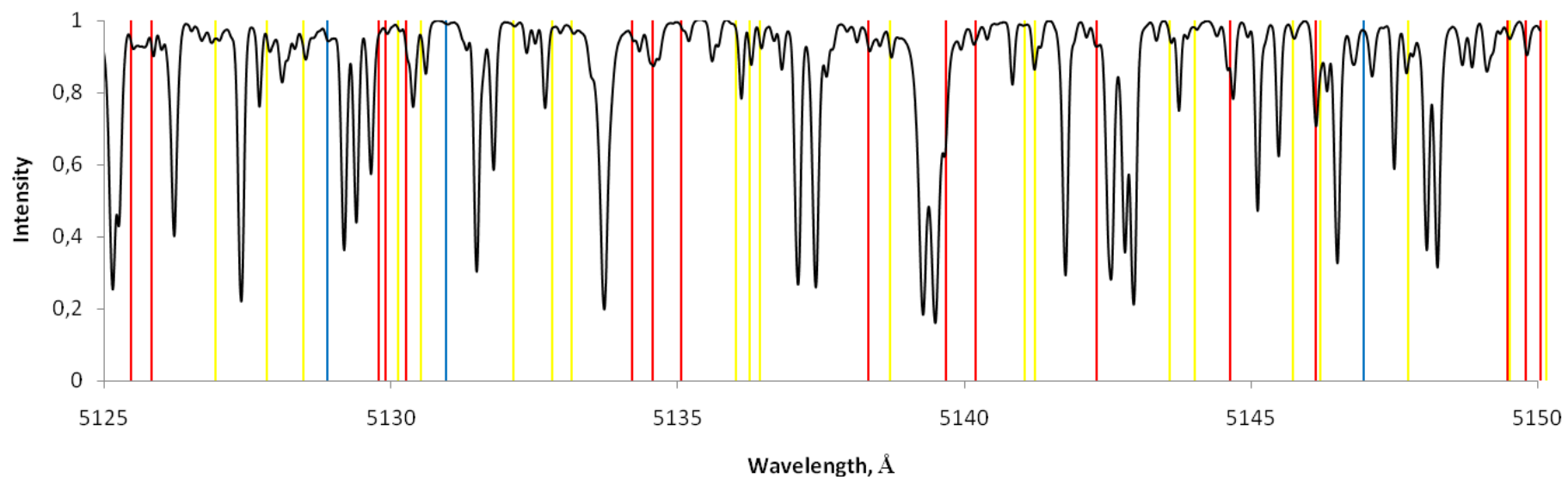


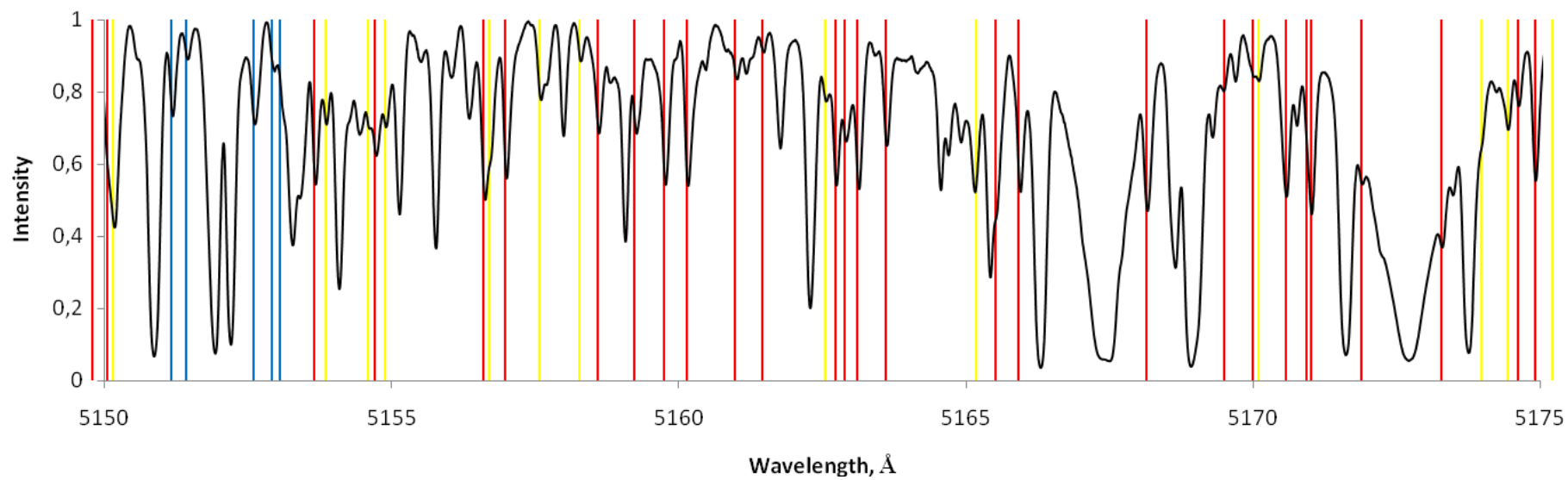
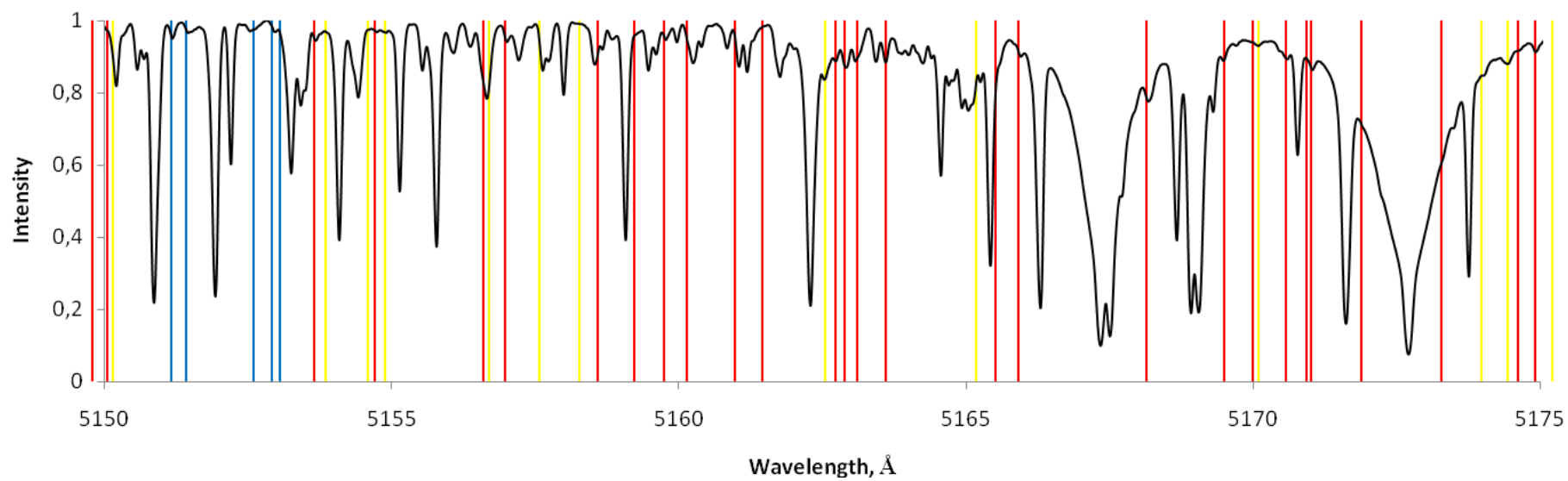


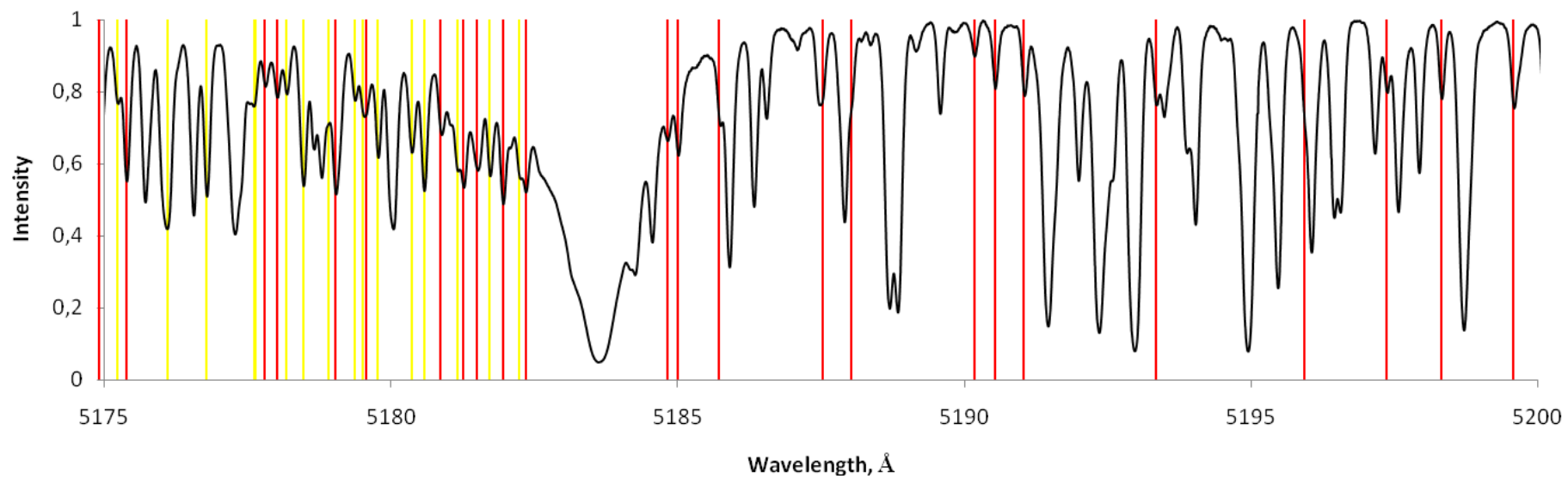
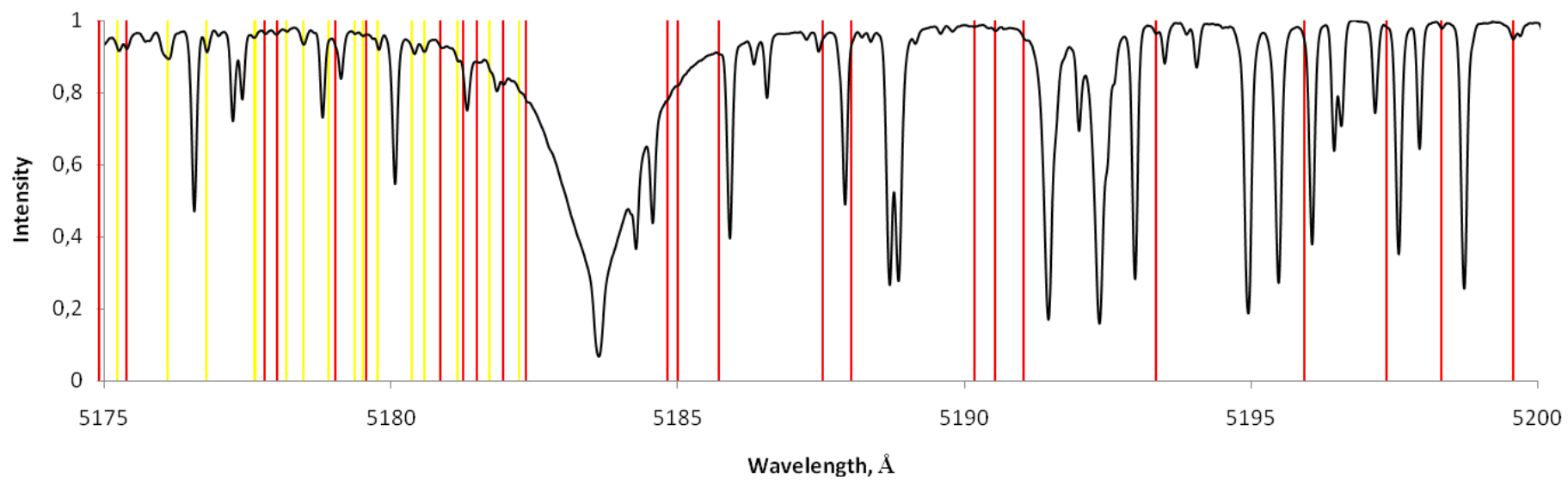


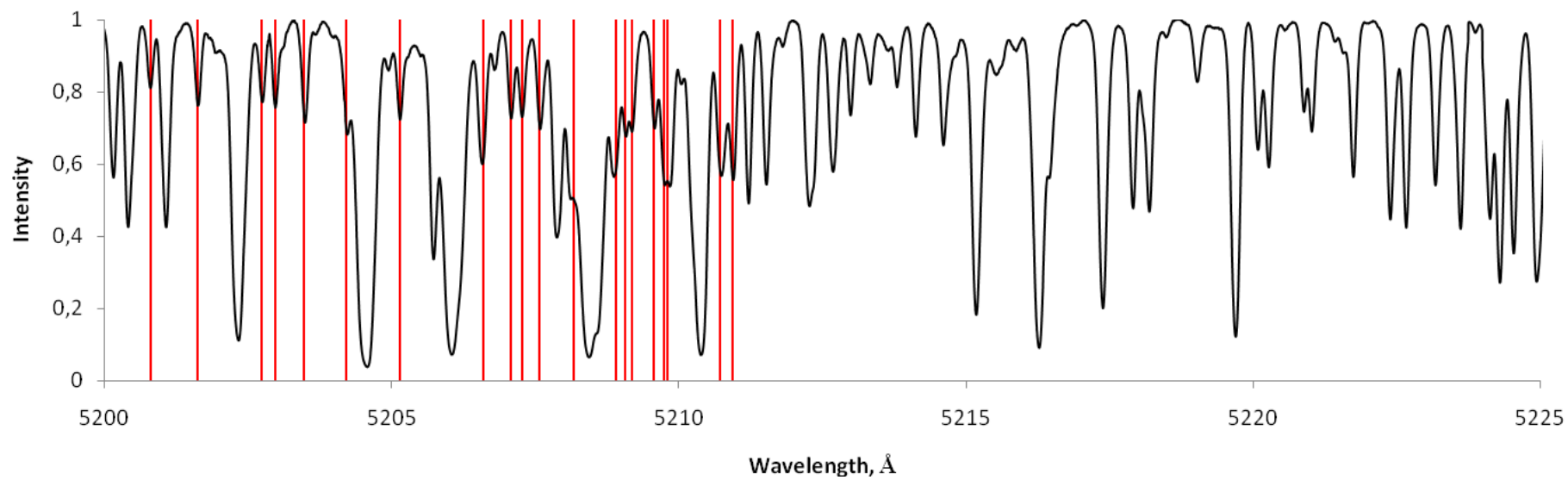
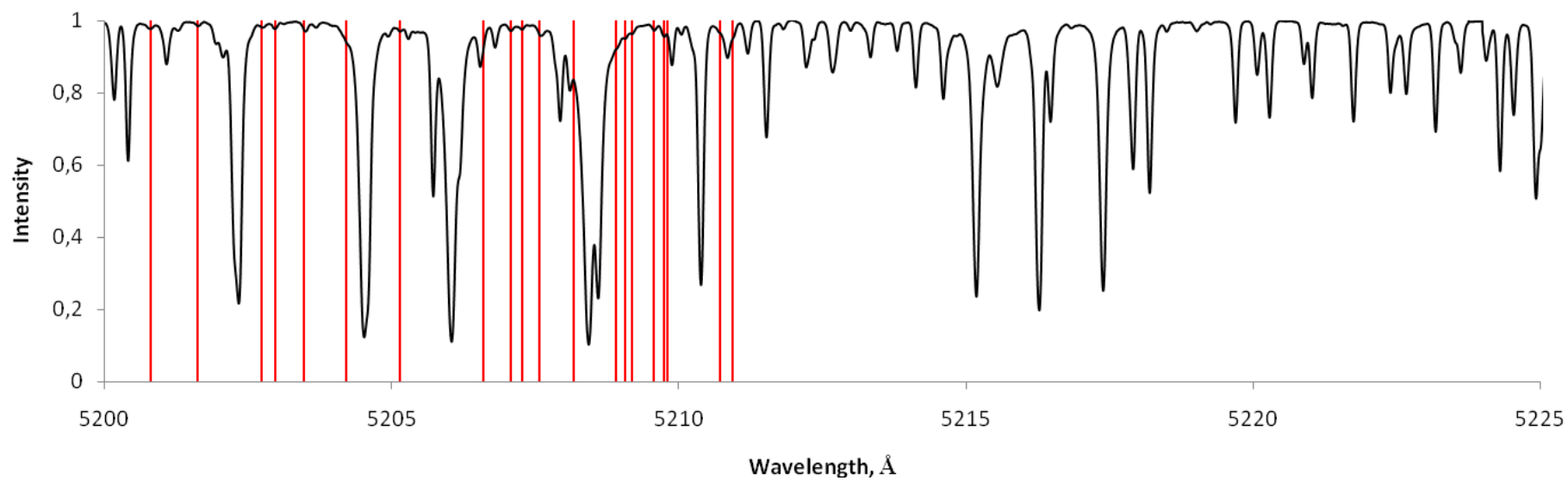






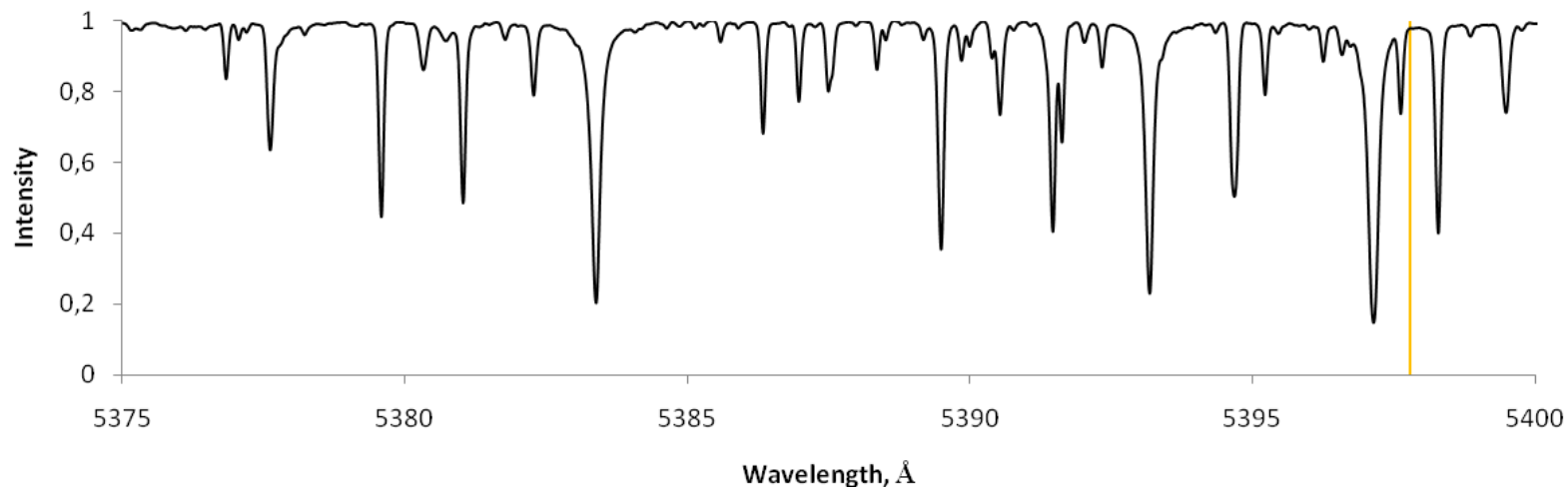




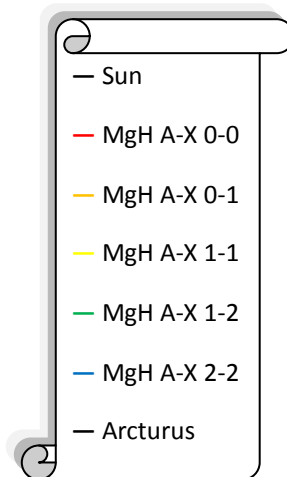
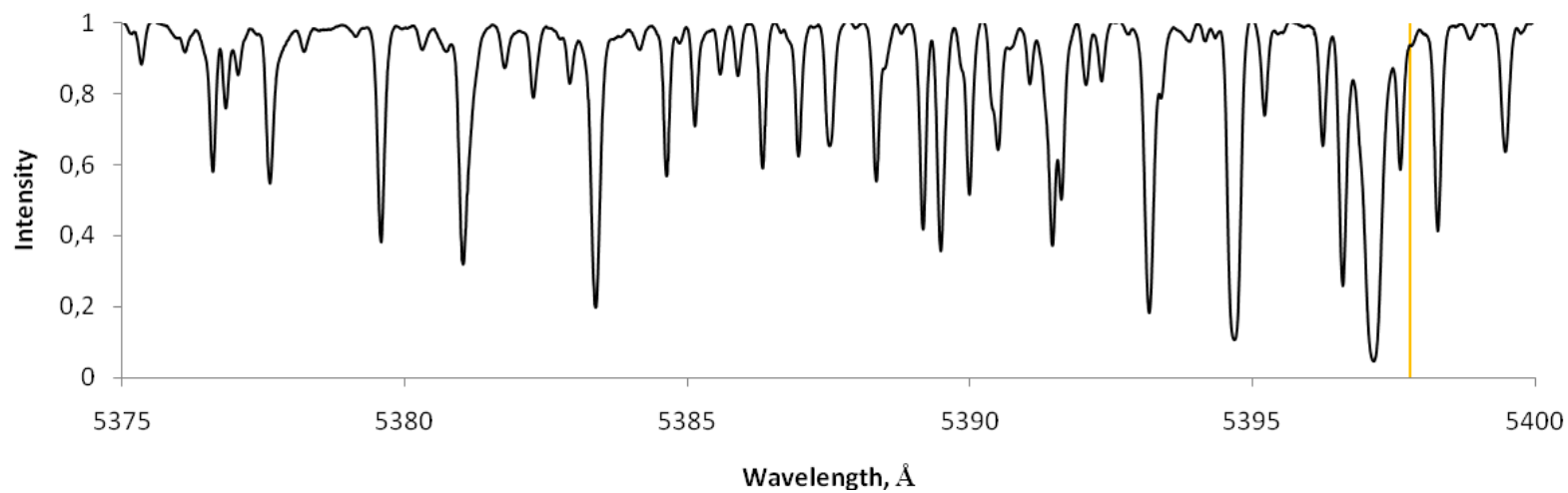


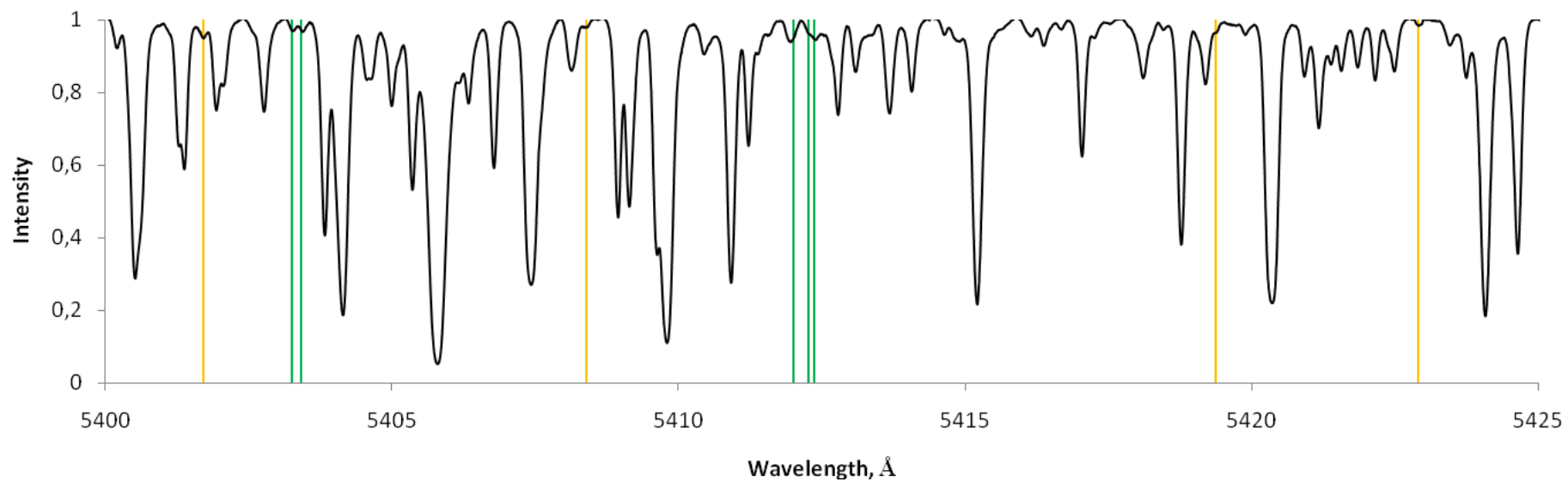
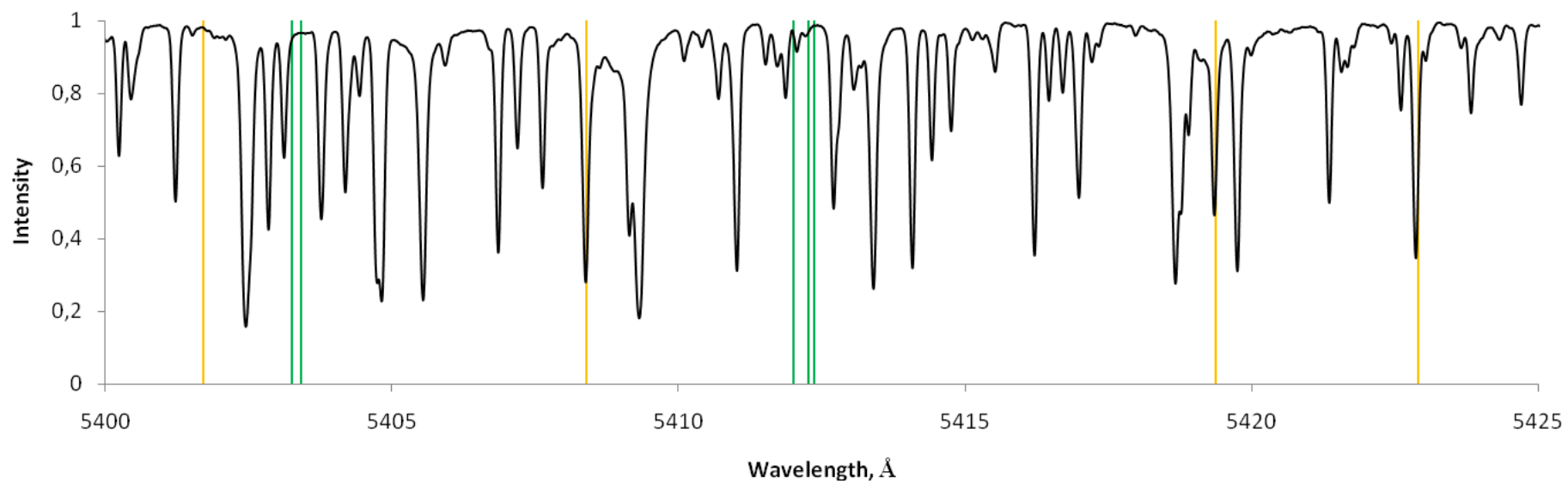
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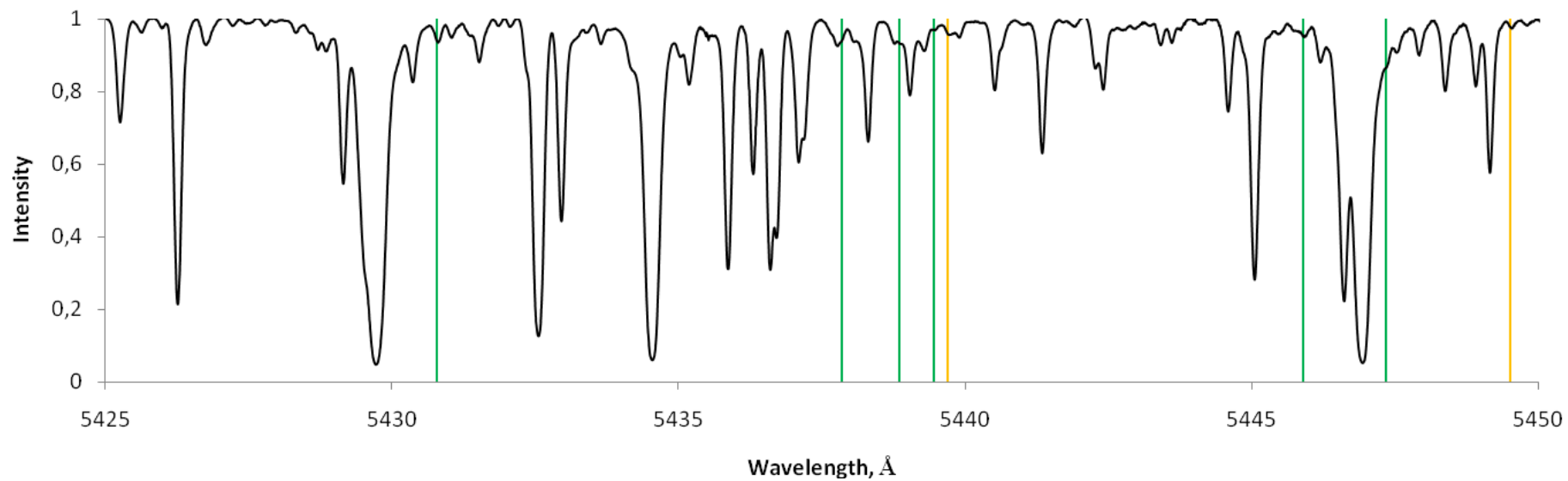
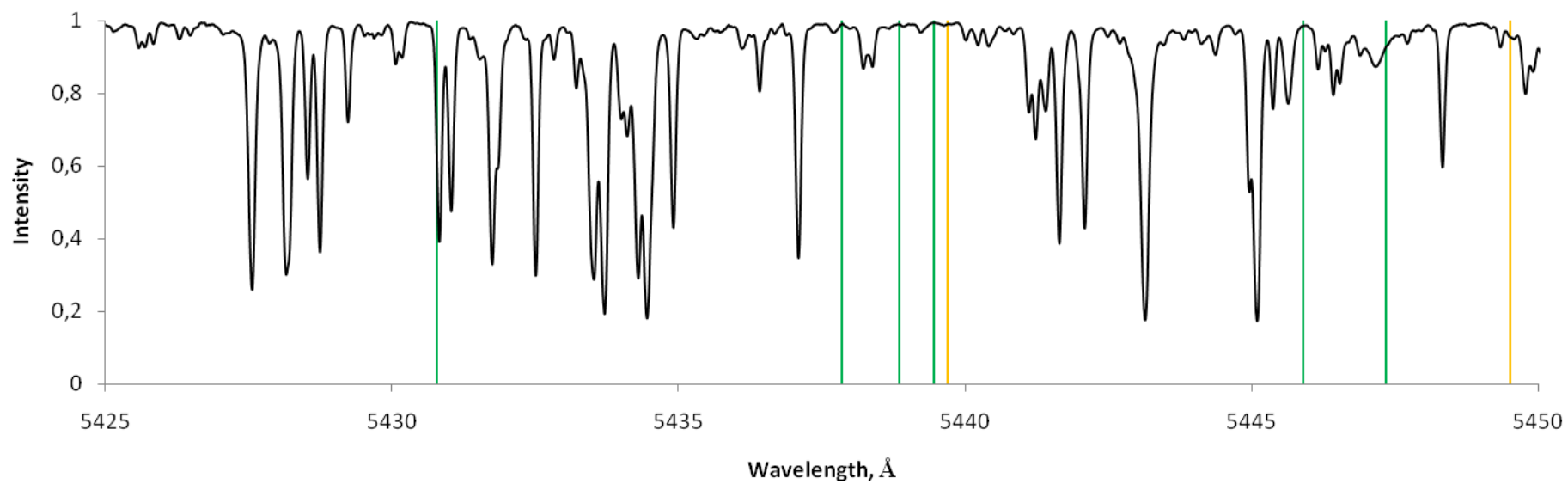
Sun

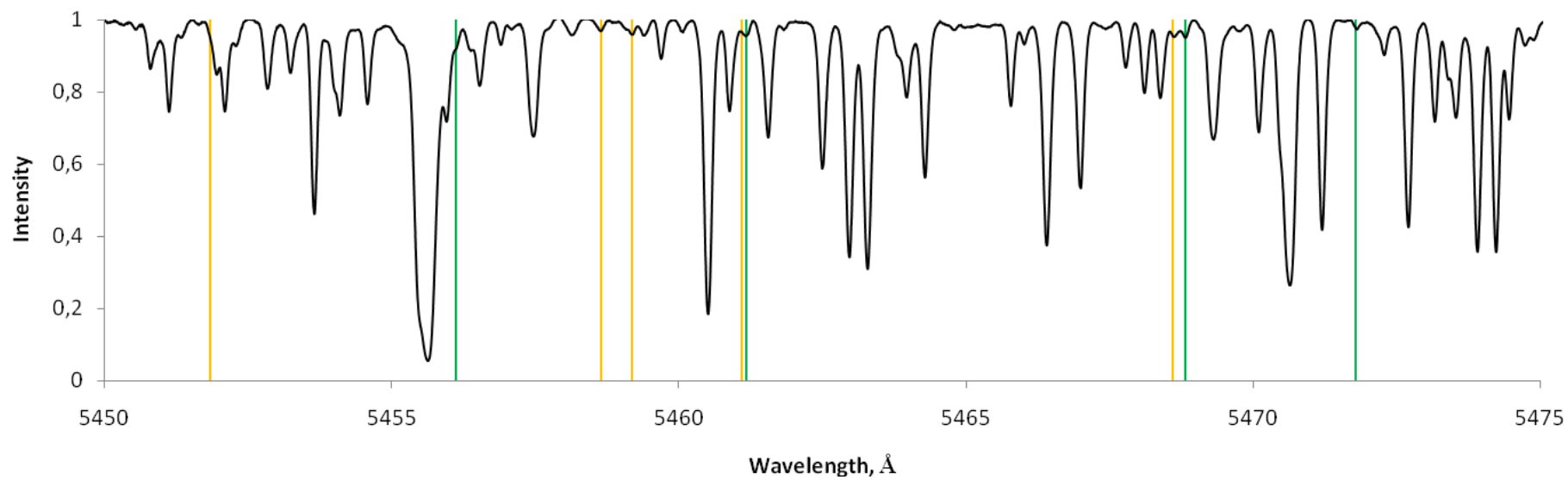
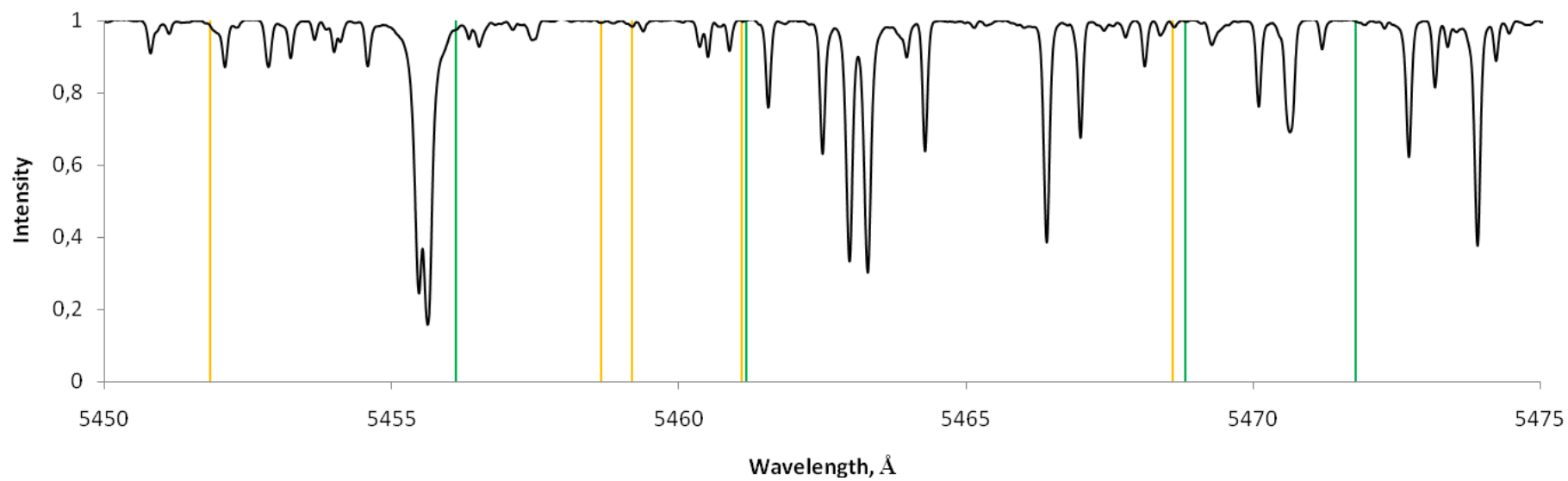


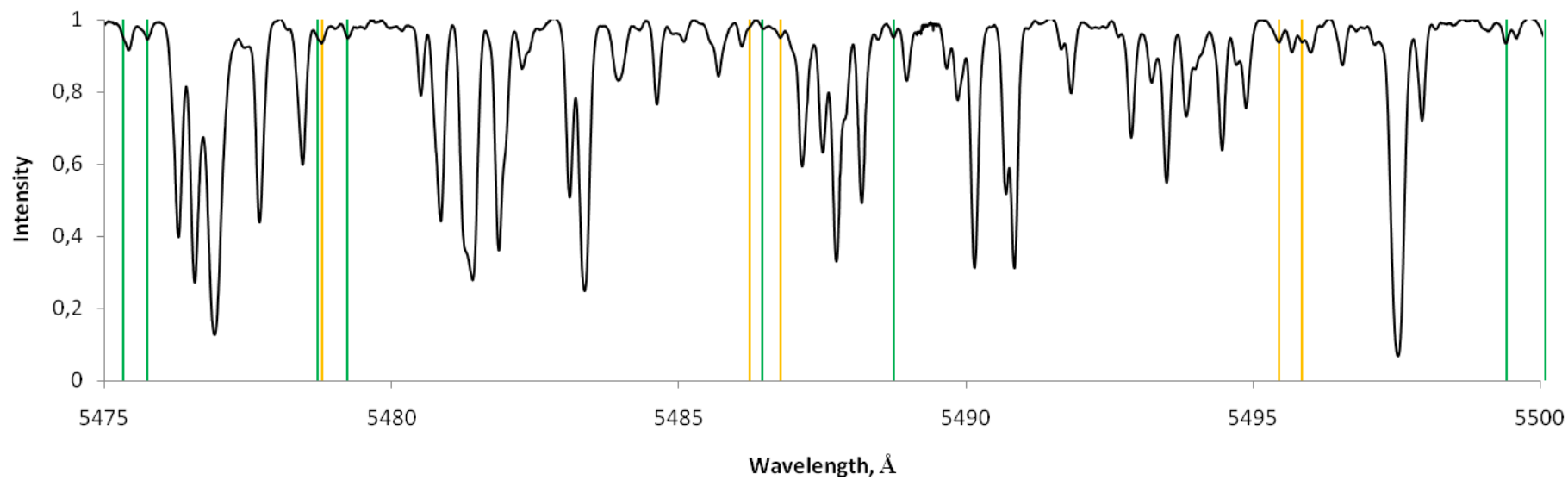
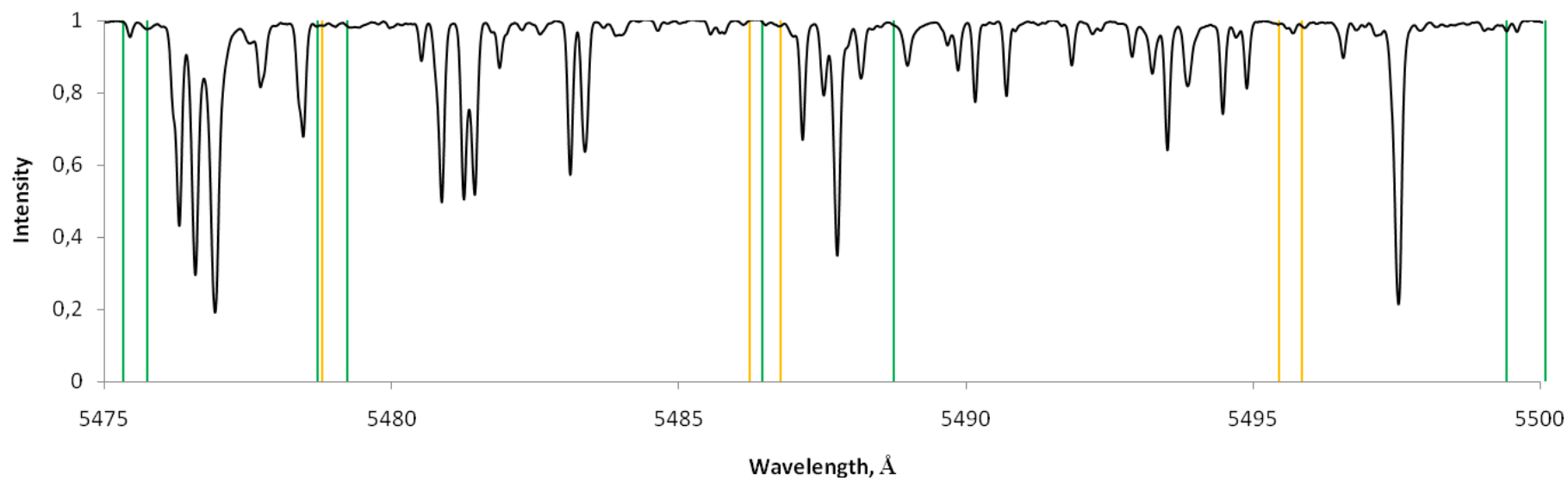
Arcturus

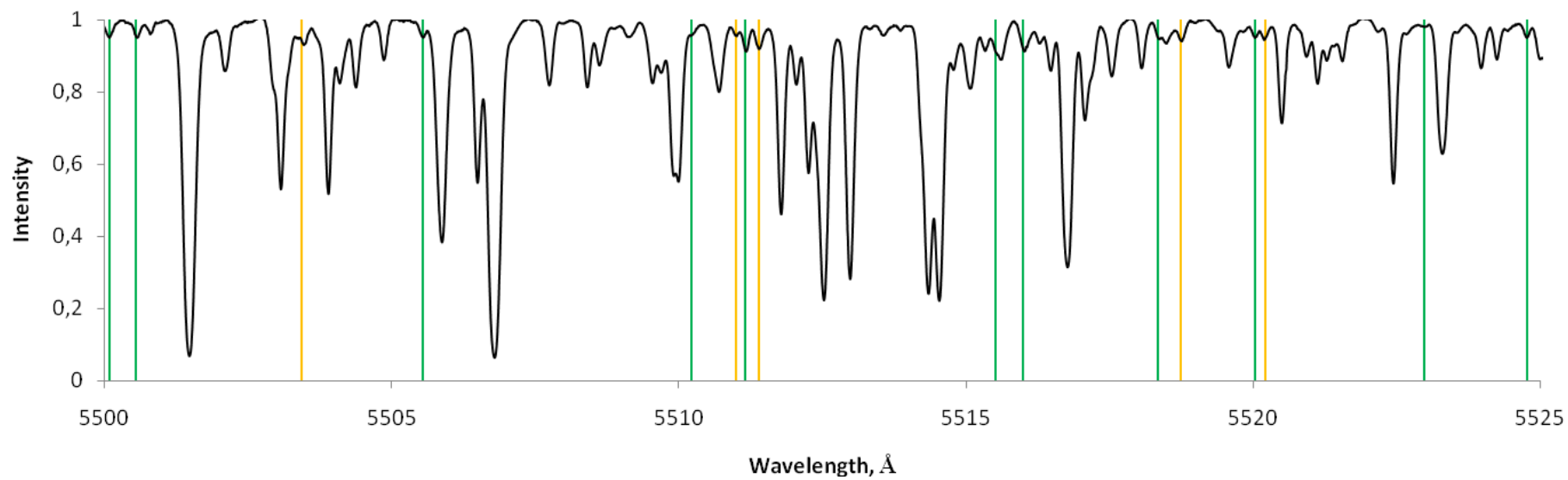
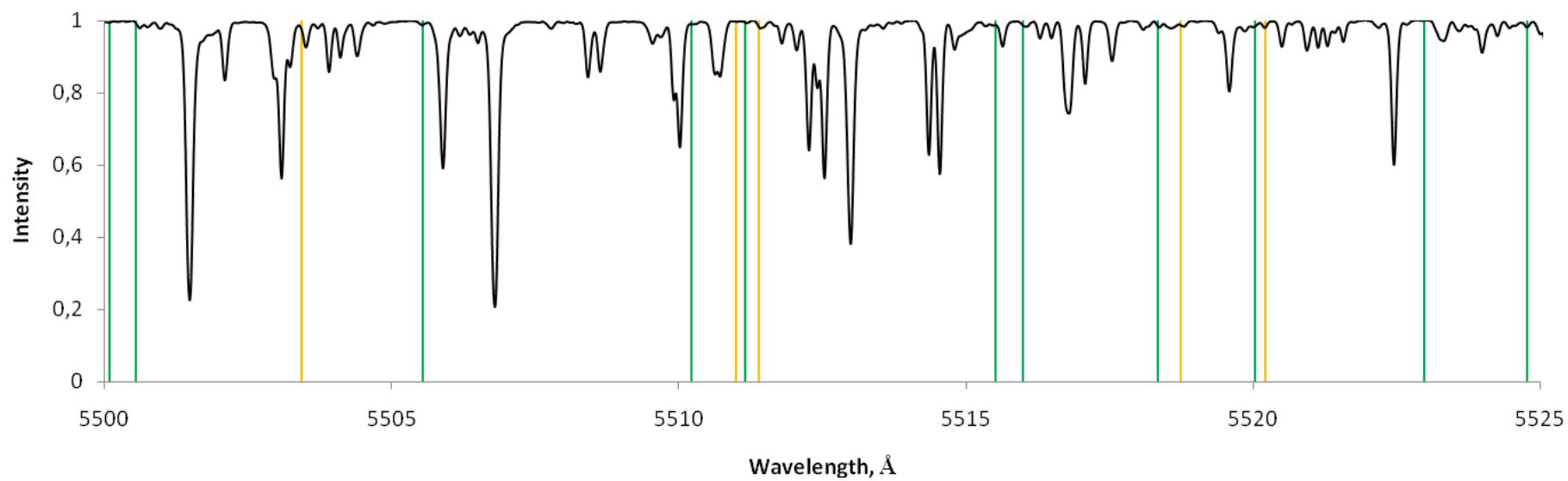


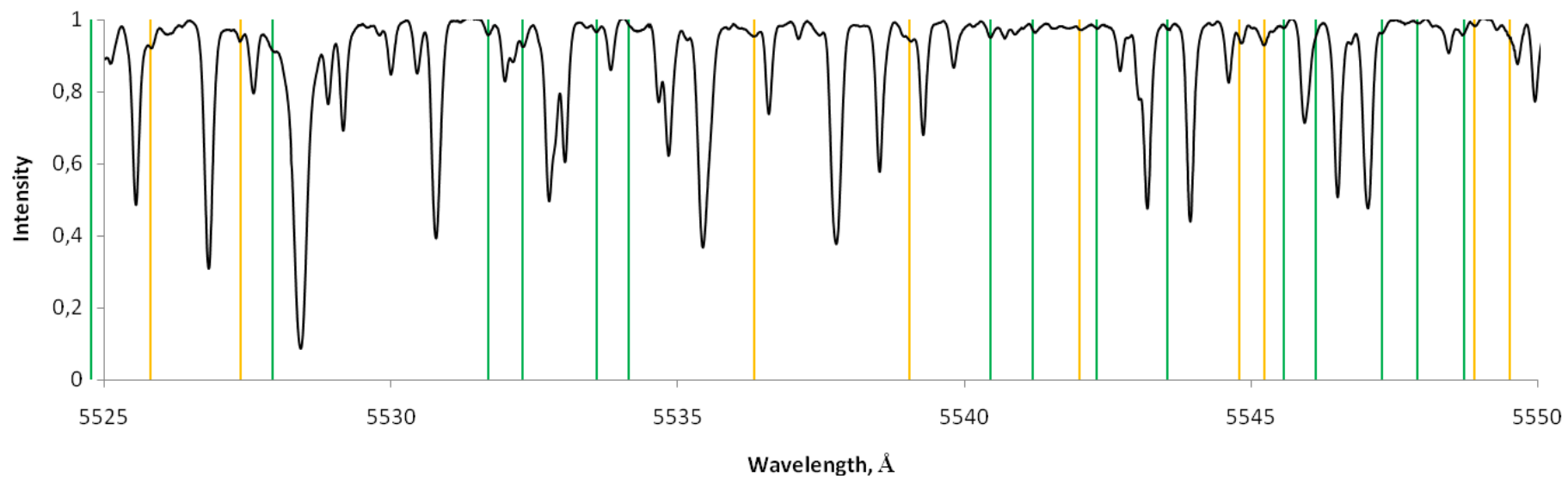
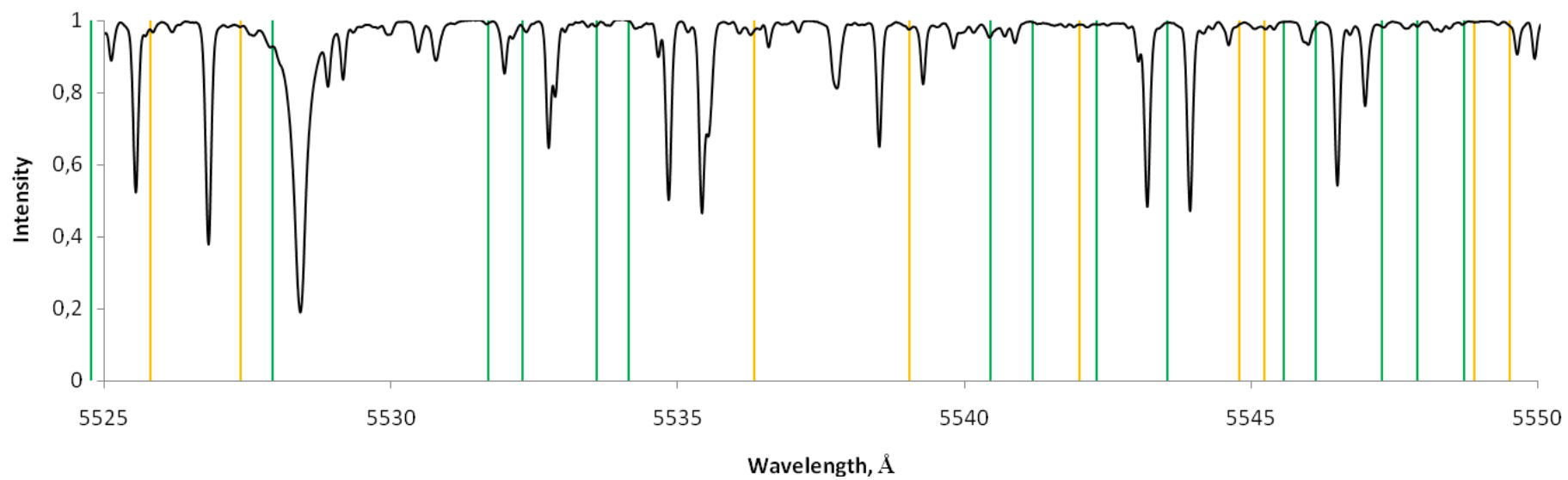


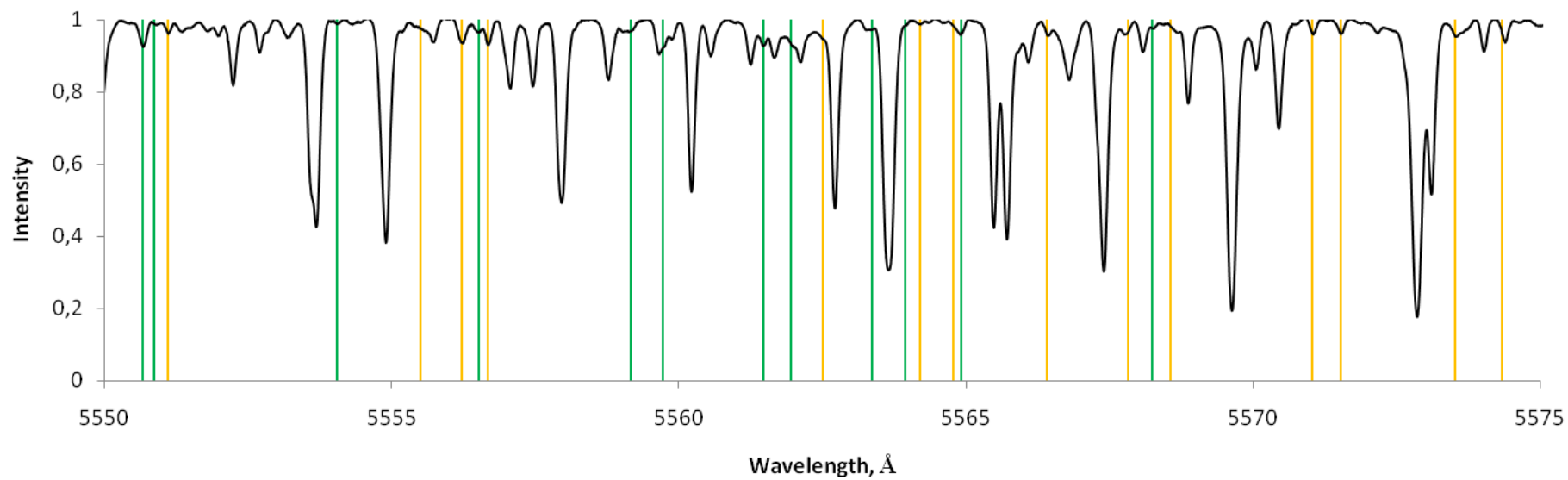
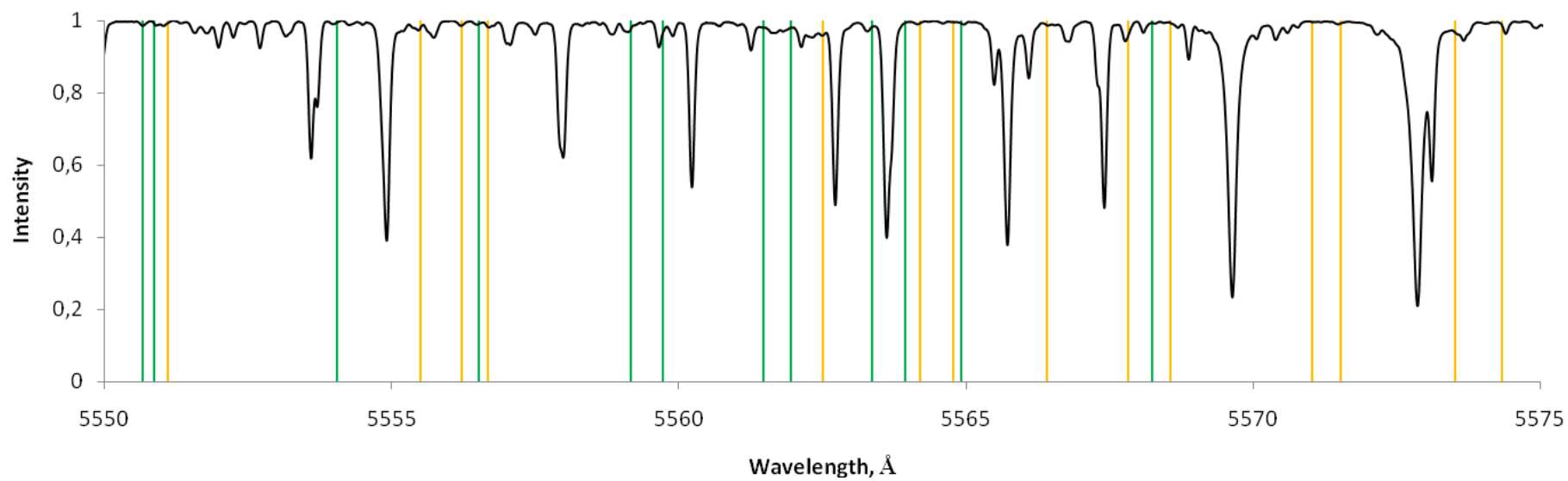


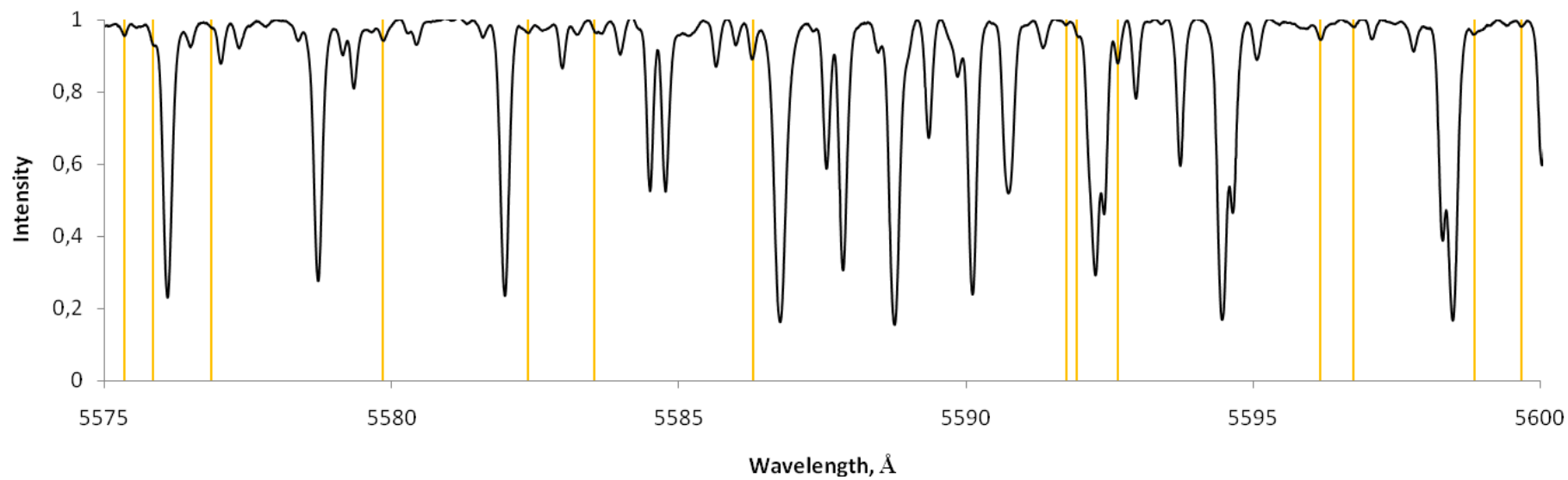
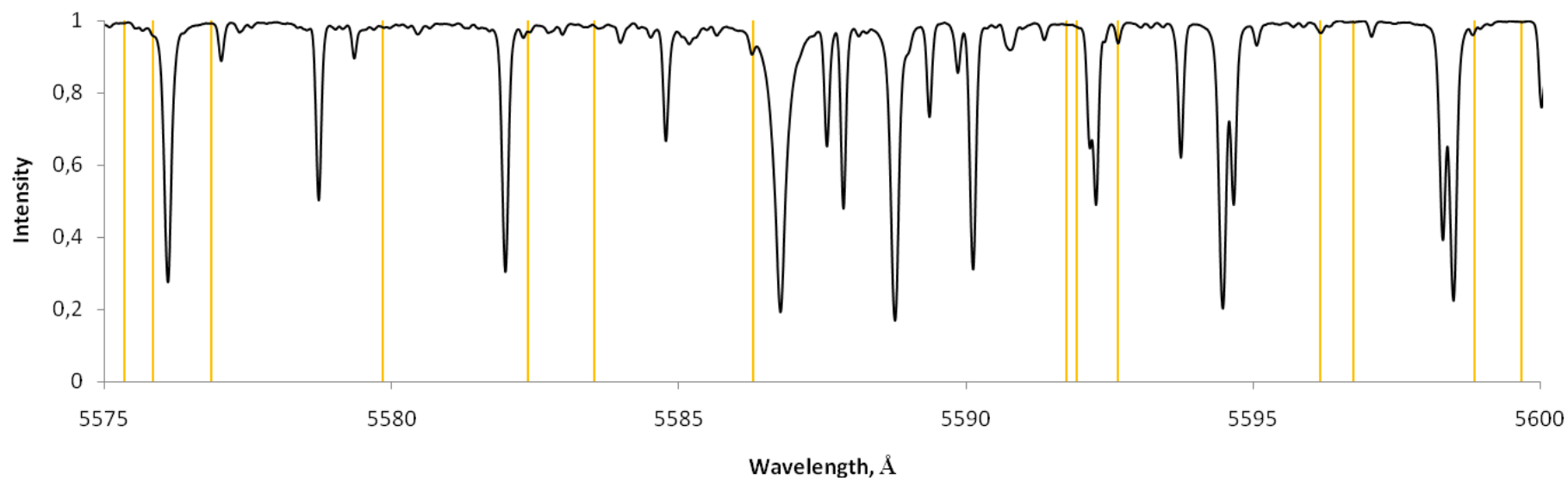


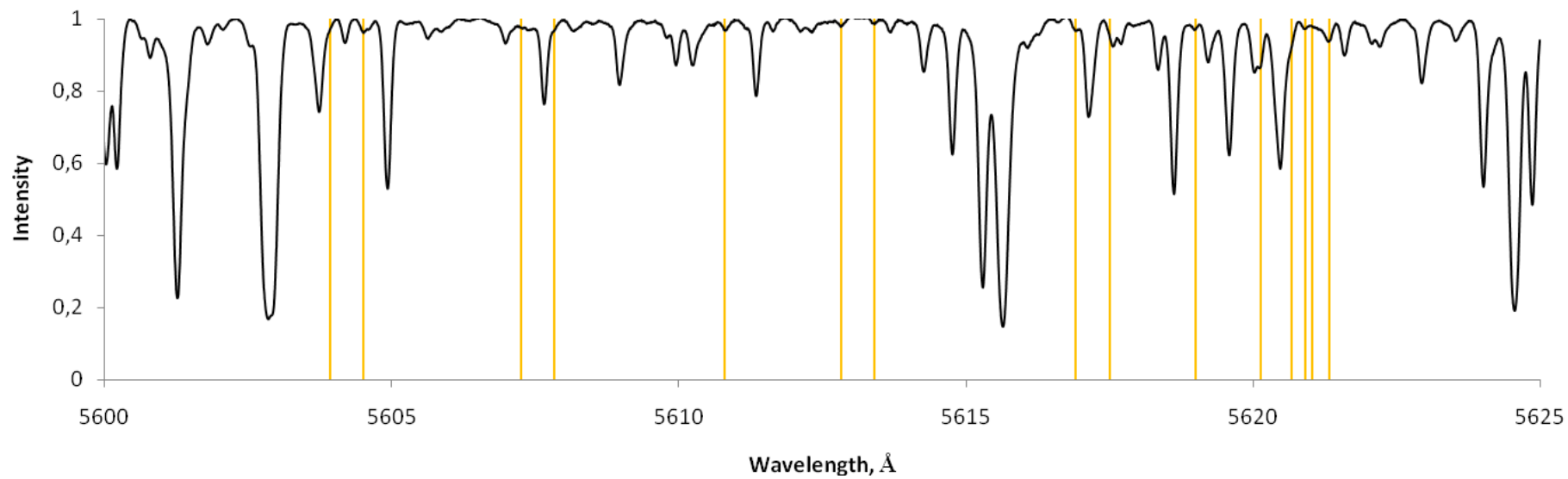
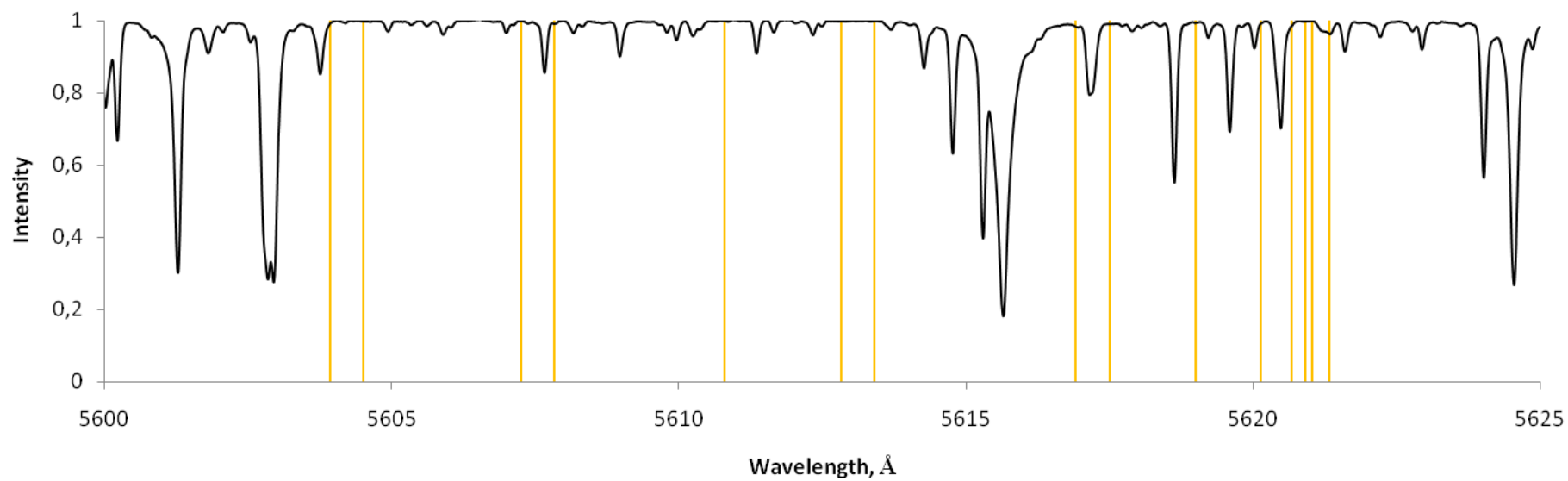












Part #3

