

Astro 426/526

Fall 2019

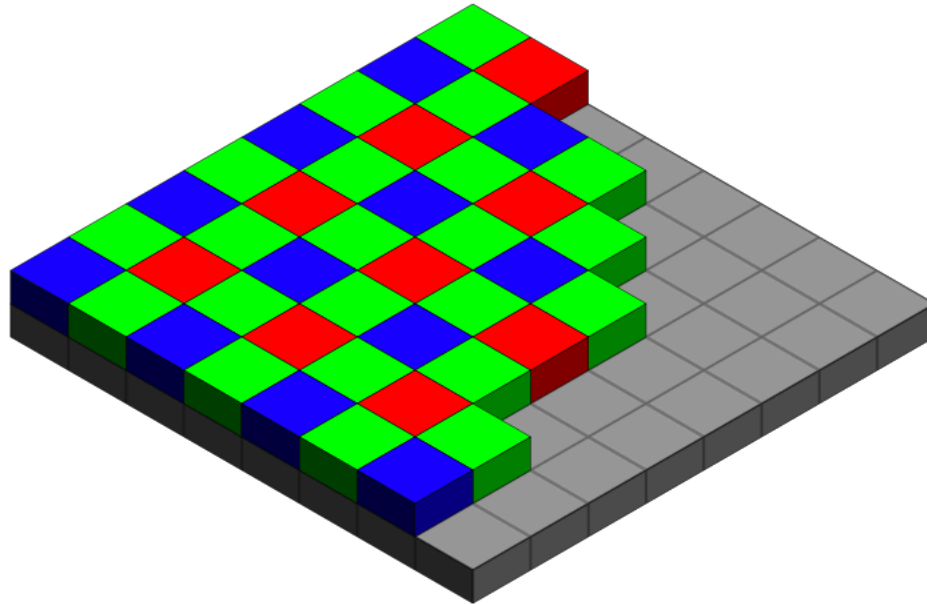
Prof. Darcy Barron

Lecture 19: Measuring Spectral Information

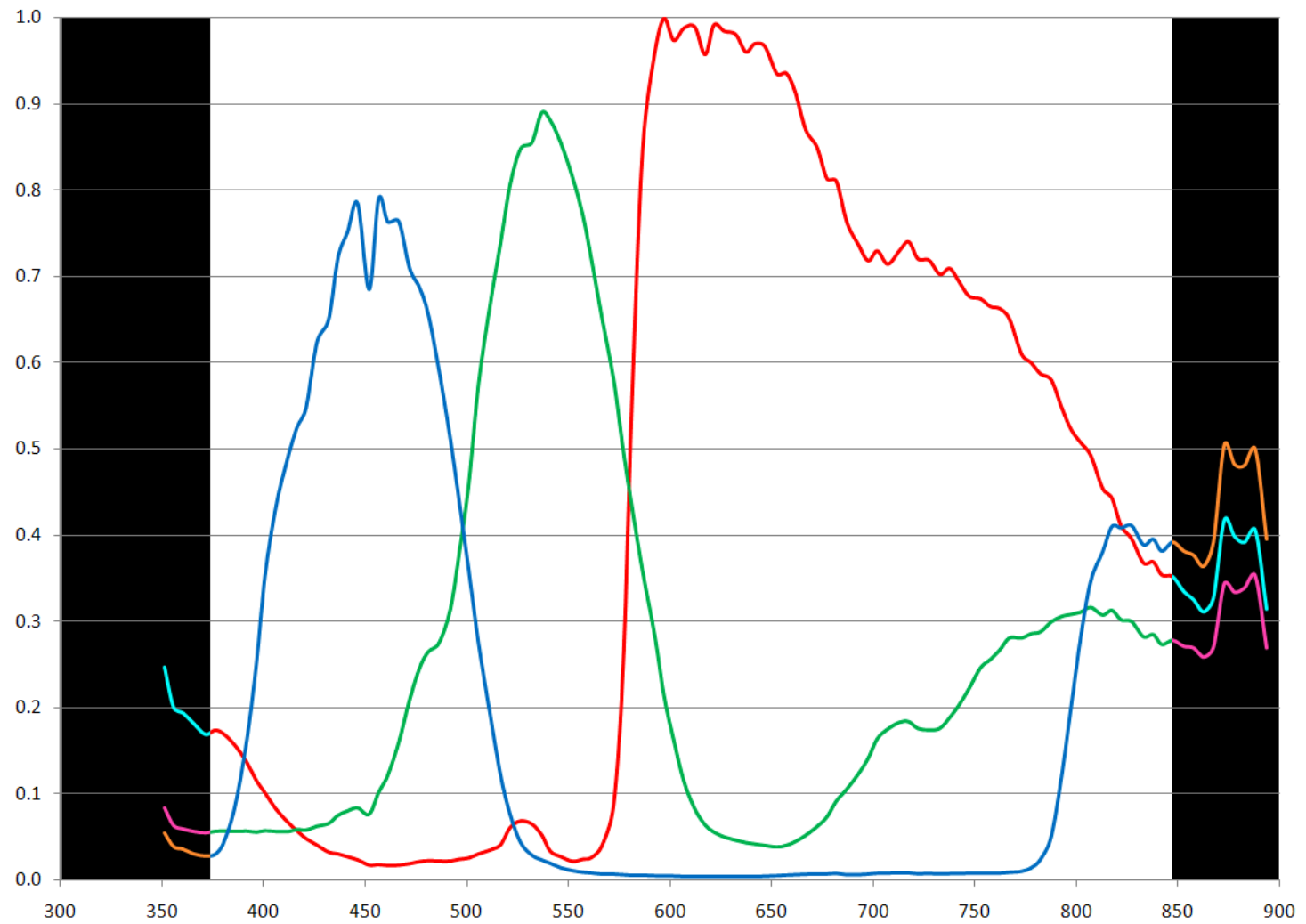
Reminders

- Submit copy of group management plan on Learn (due last Friday)
 - Will send feedback through Learn
- Homework #3 due **Wednesday, November 13 at 4:00PM**

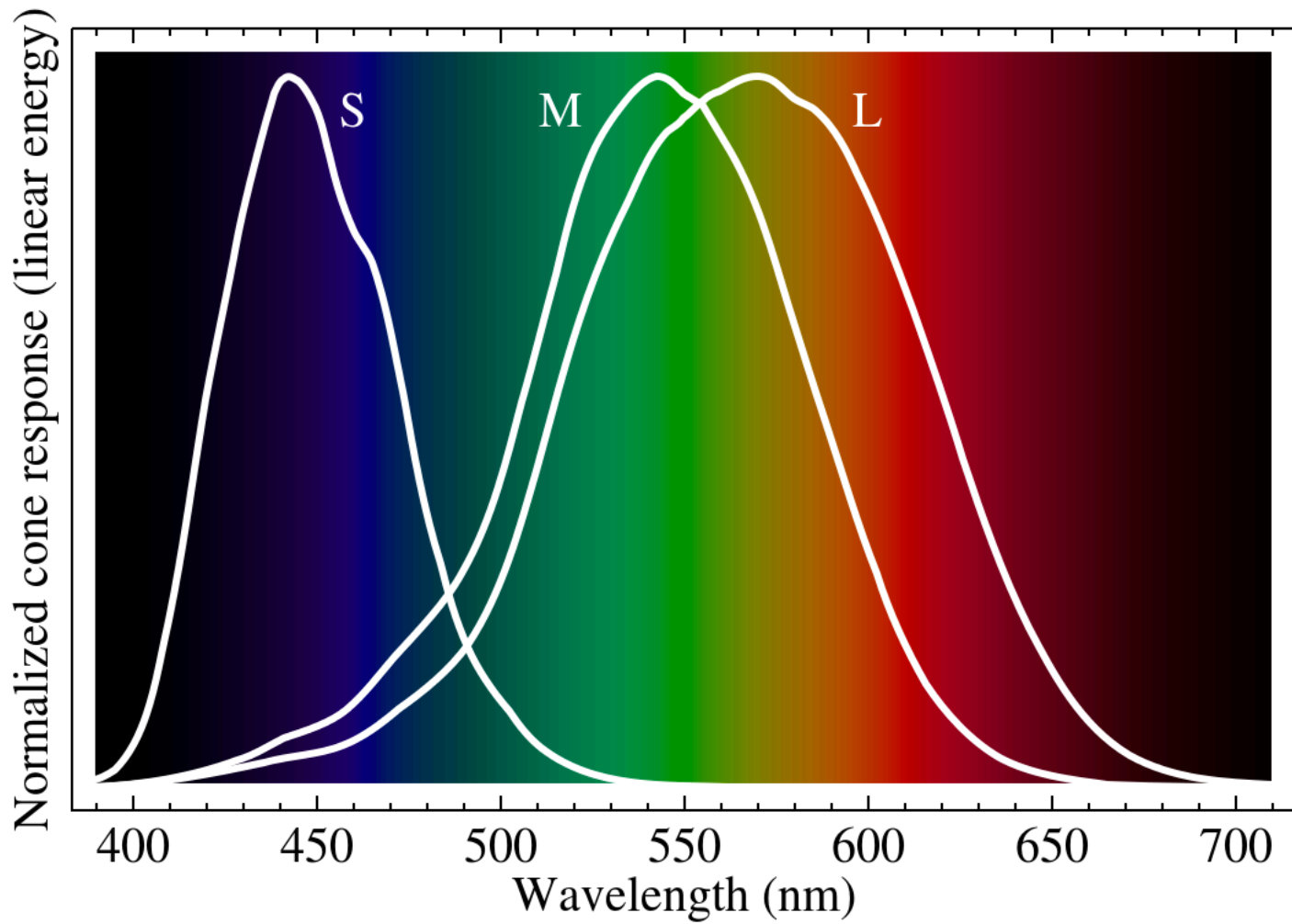
Bayer Filter



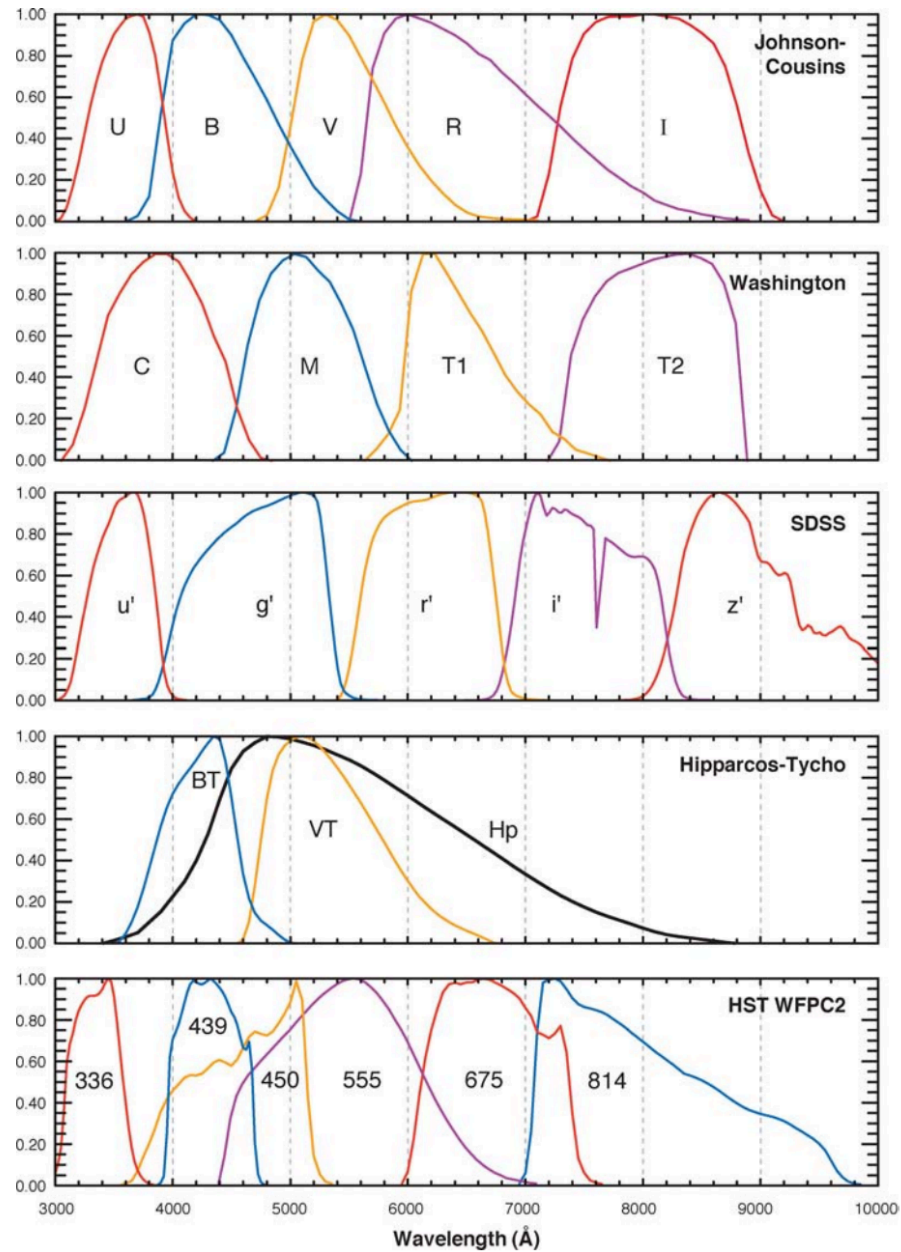
https://en.wikipedia.org/wiki/Bayer_filter



- spectral sensitivity graph from Nikon D80
- <https://photo.stackexchange.com/questions/79534/what-are-the-peak-wavelengths-passing-through-a-bayer-filter>

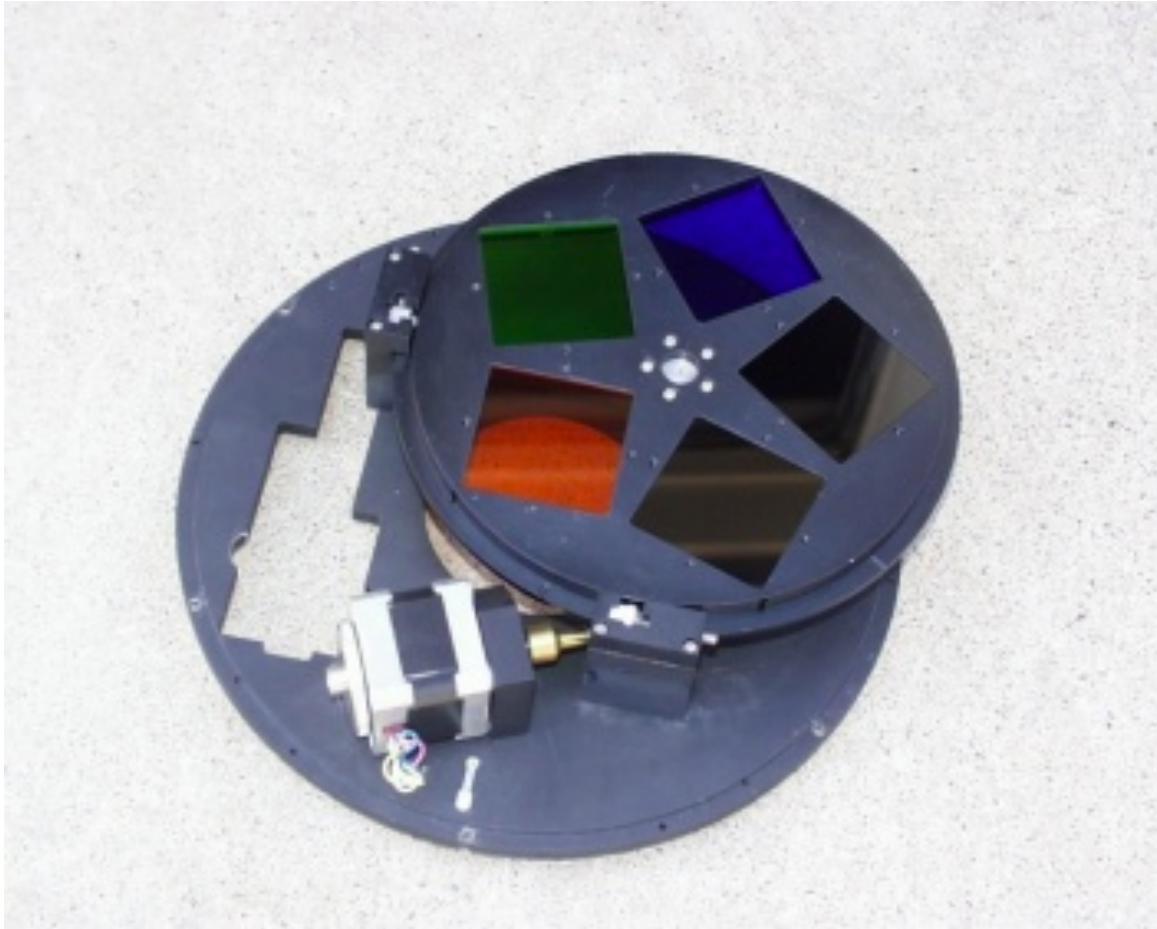


https://en.wikipedia.org/wiki/Color_vision

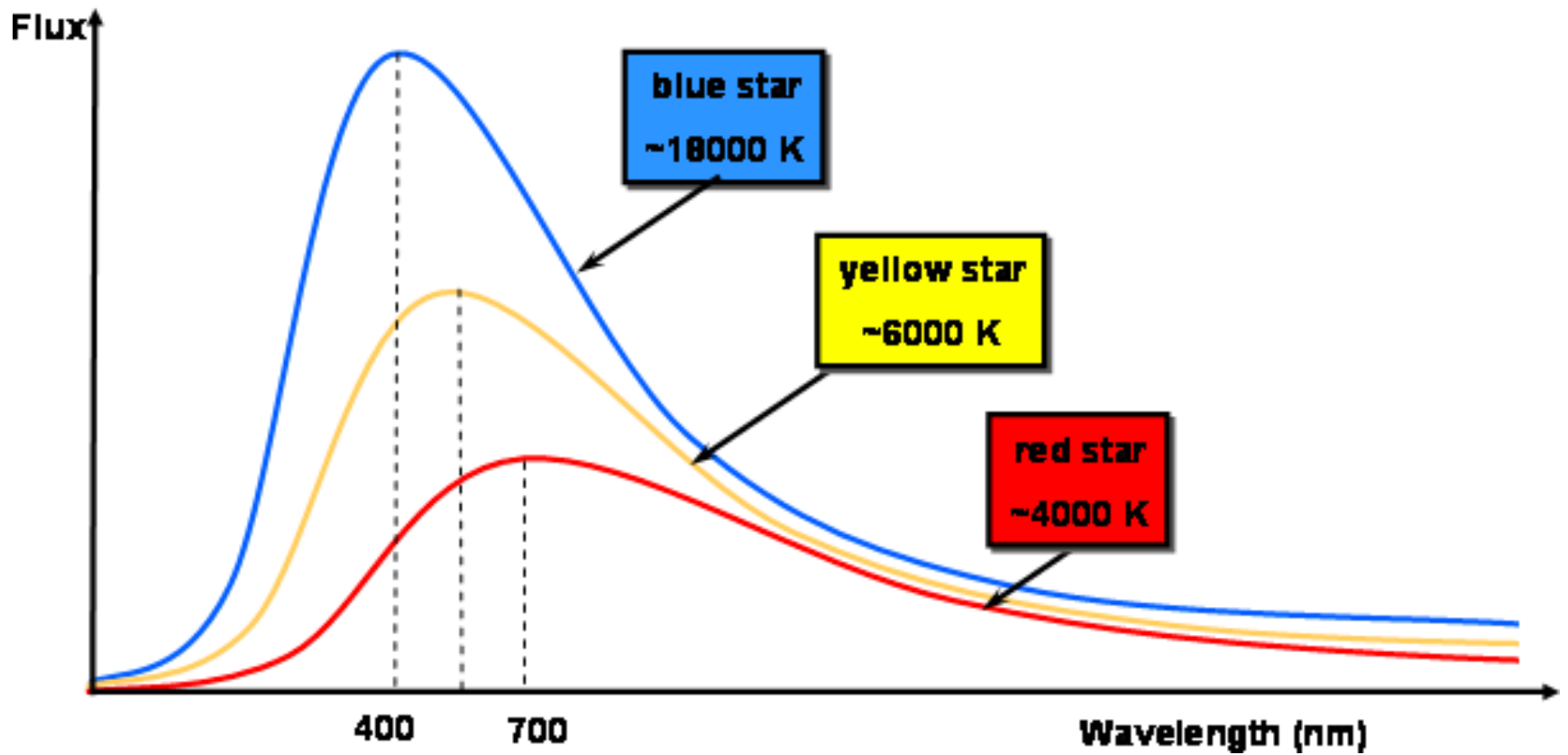


<http://www.astro.caltech.edu/~george/ay122/Bessel2005ARAA43p293.pdf>

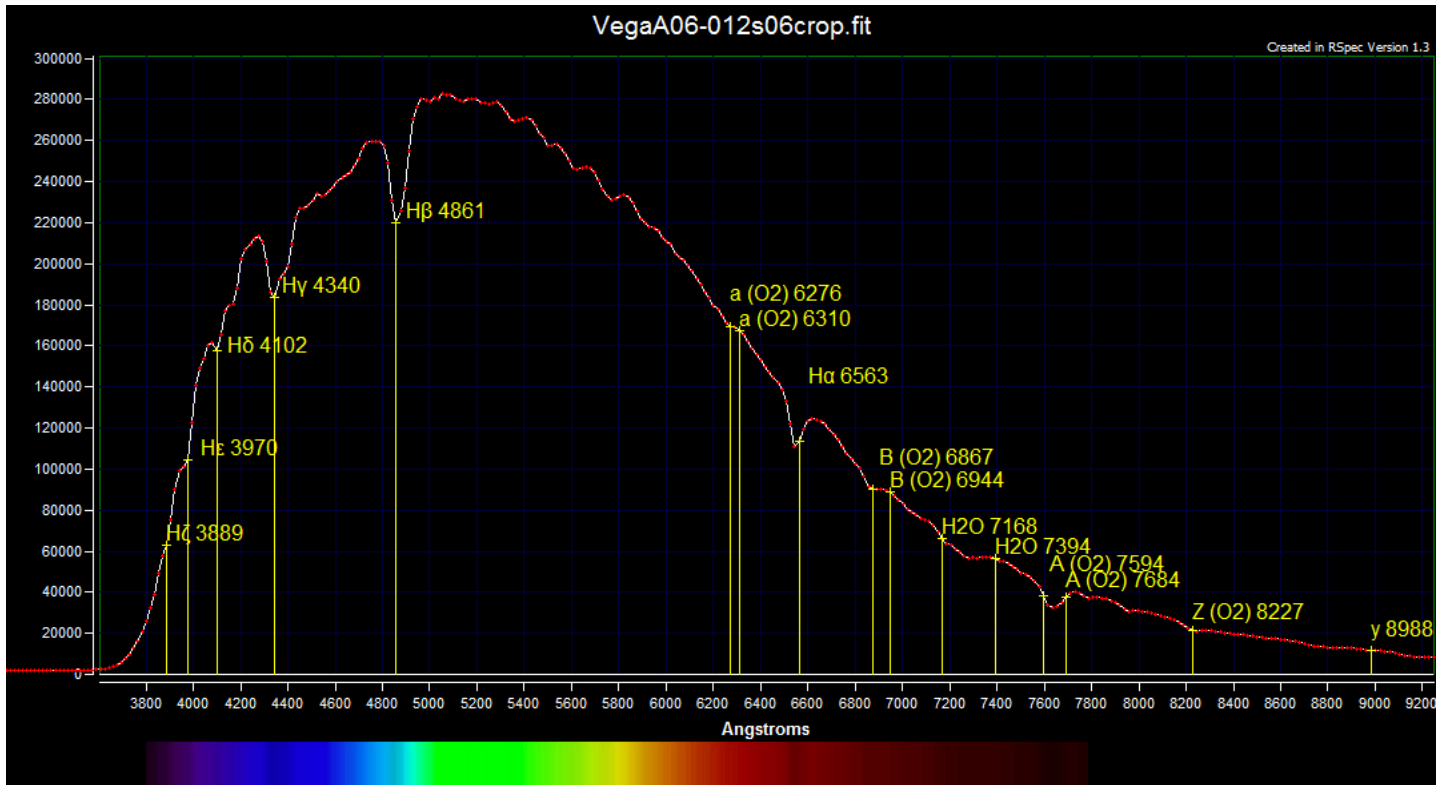
UBVRI filters - wide band



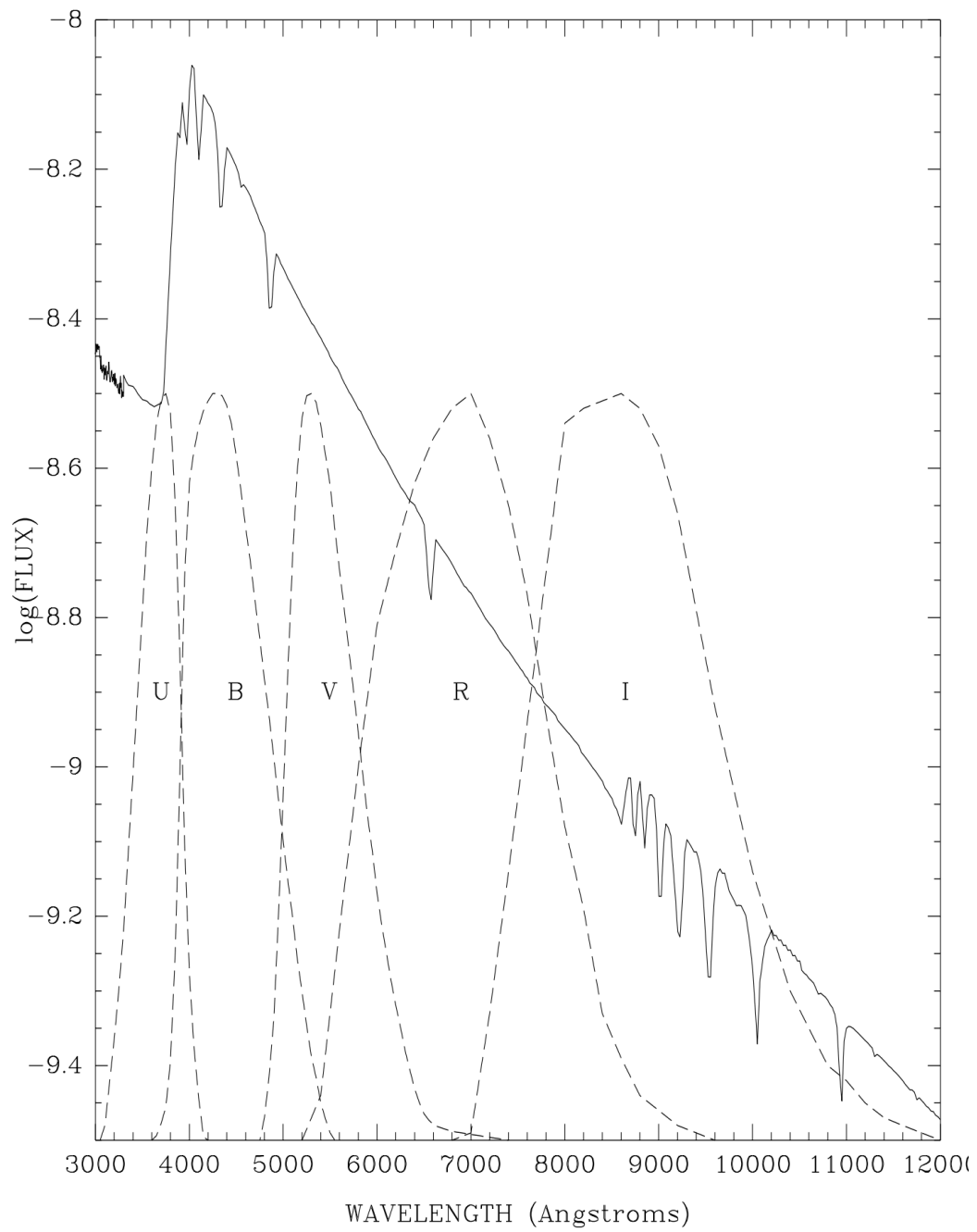
<https://mcdonaldobservatory.org/research/instruments/ubvri-filters>



<http://astronomy.swin.edu.au/cosmos/B/Blackbody+Radiation>



http://www.stargazing.net/david/NSI2011/VegaA06-012s06_20110802_1104.html



Spectrum of Solar Radiation (Earth)

