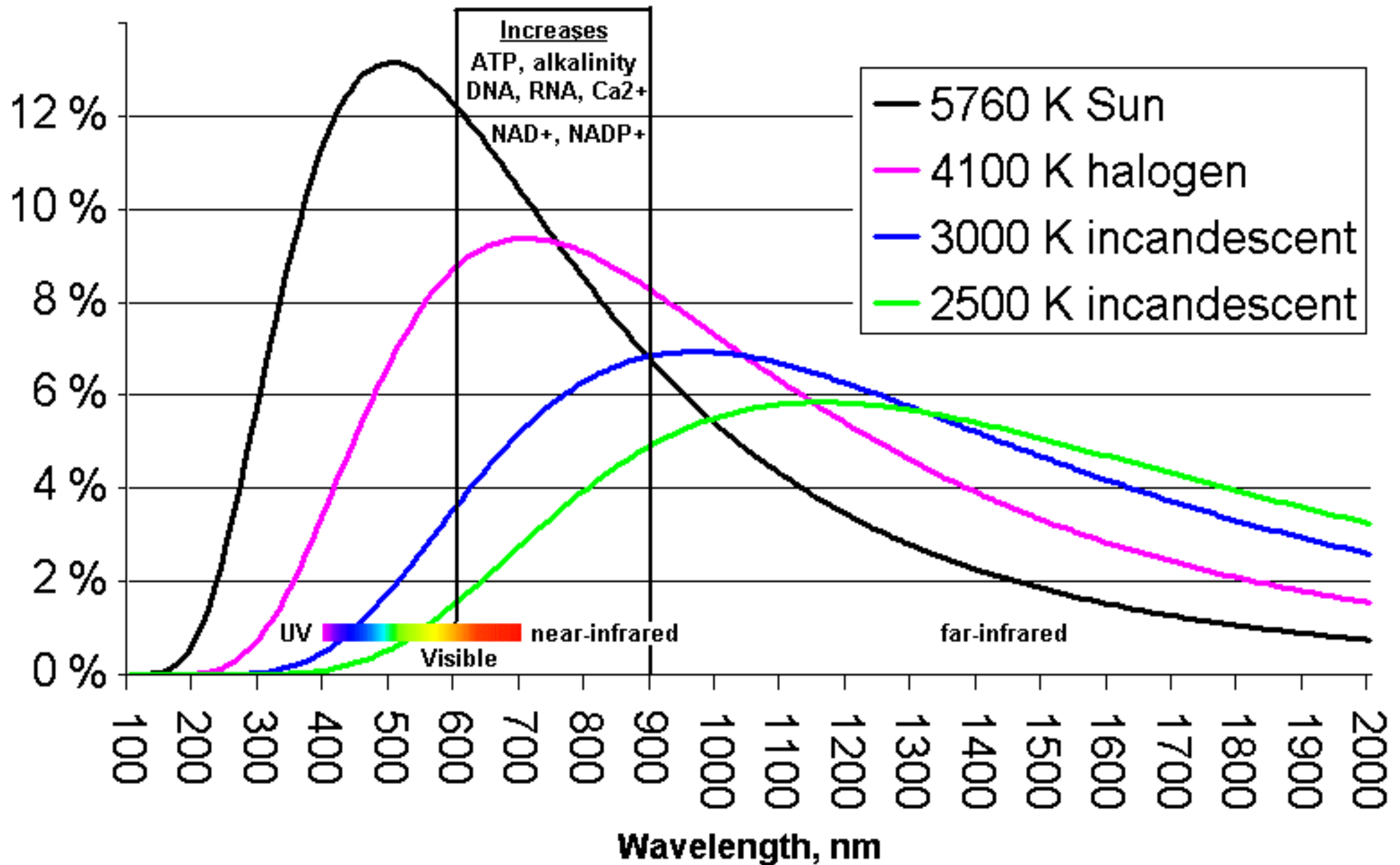
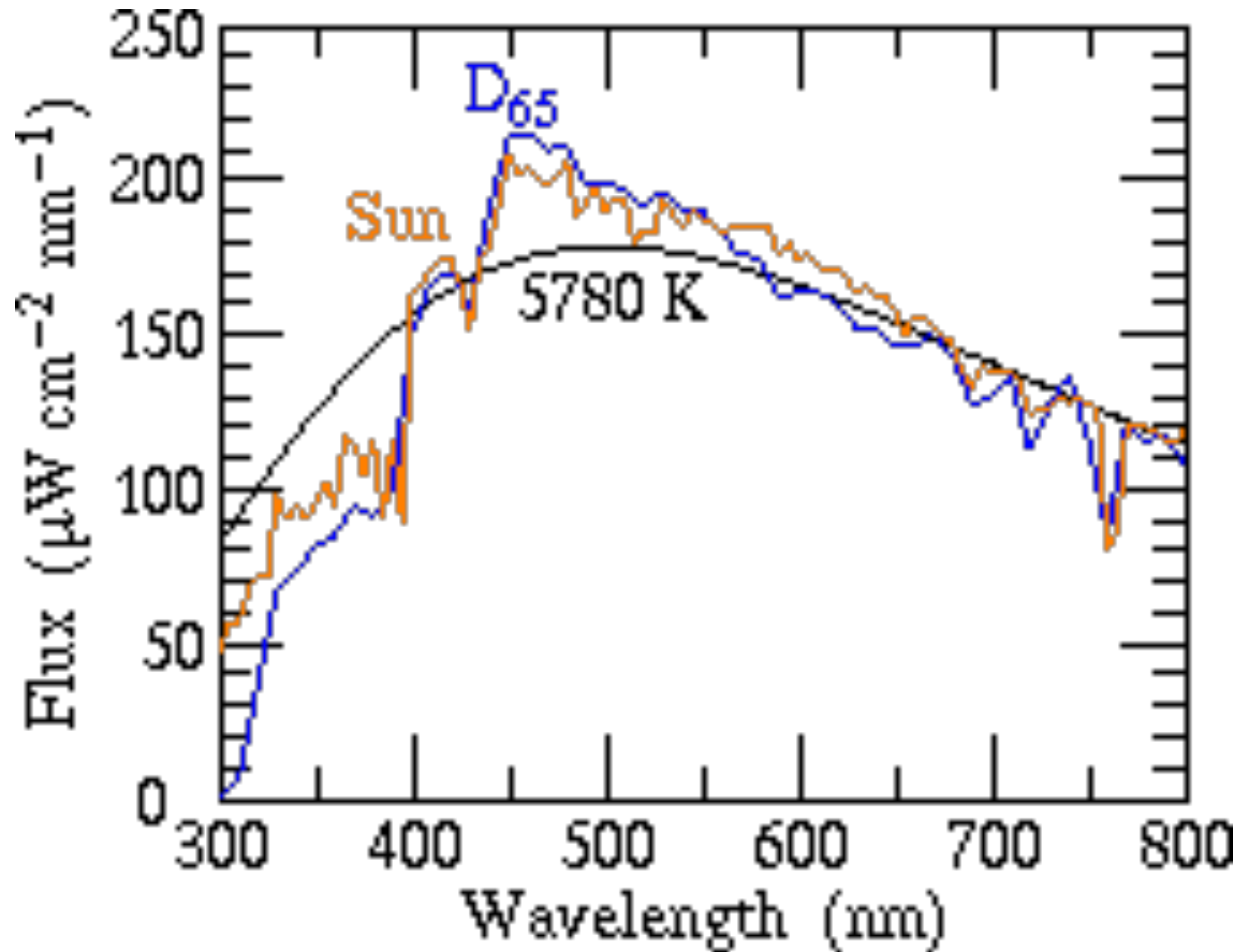


Black Body Radiation

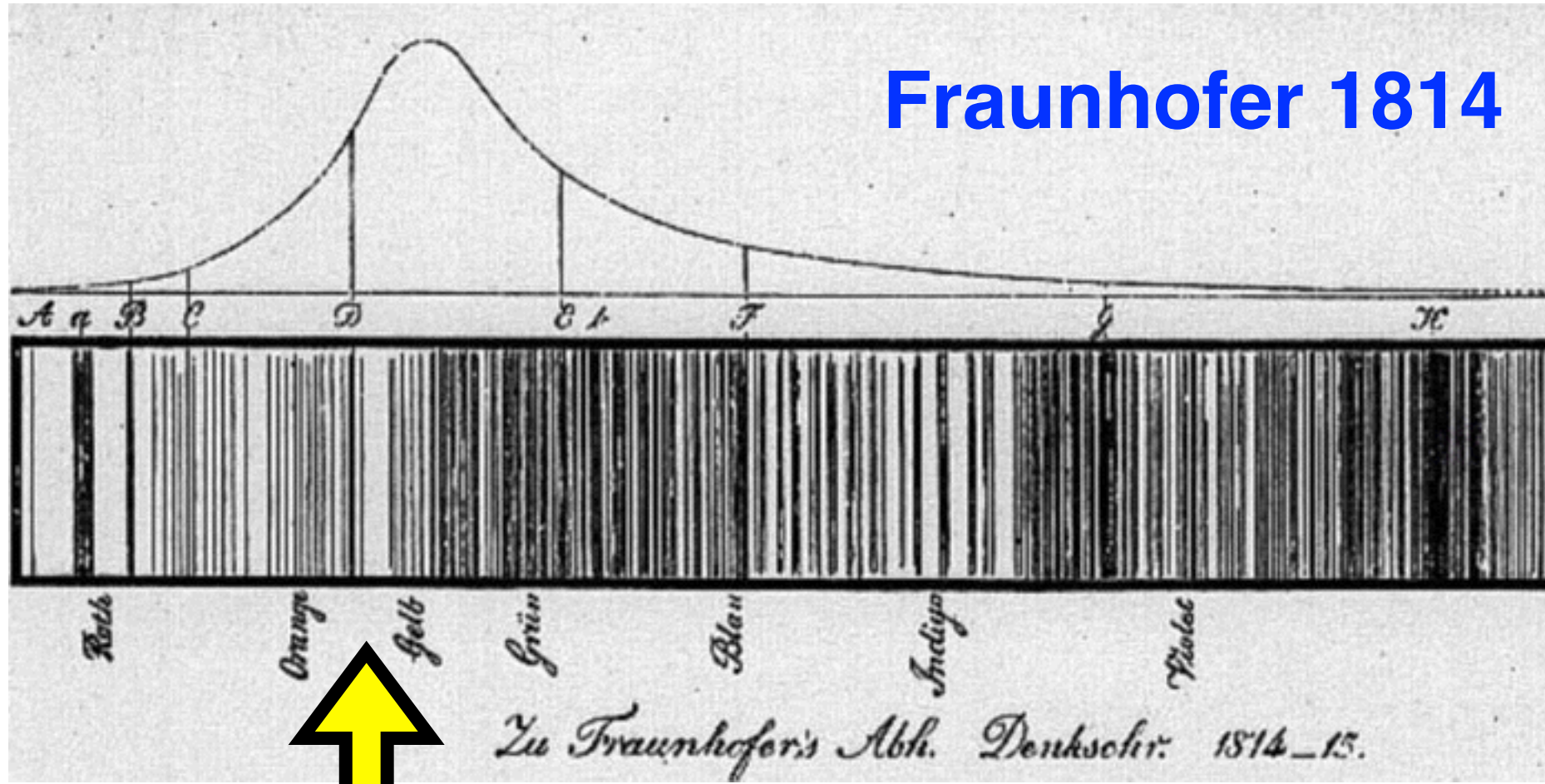
% of total Watts per 100 nm



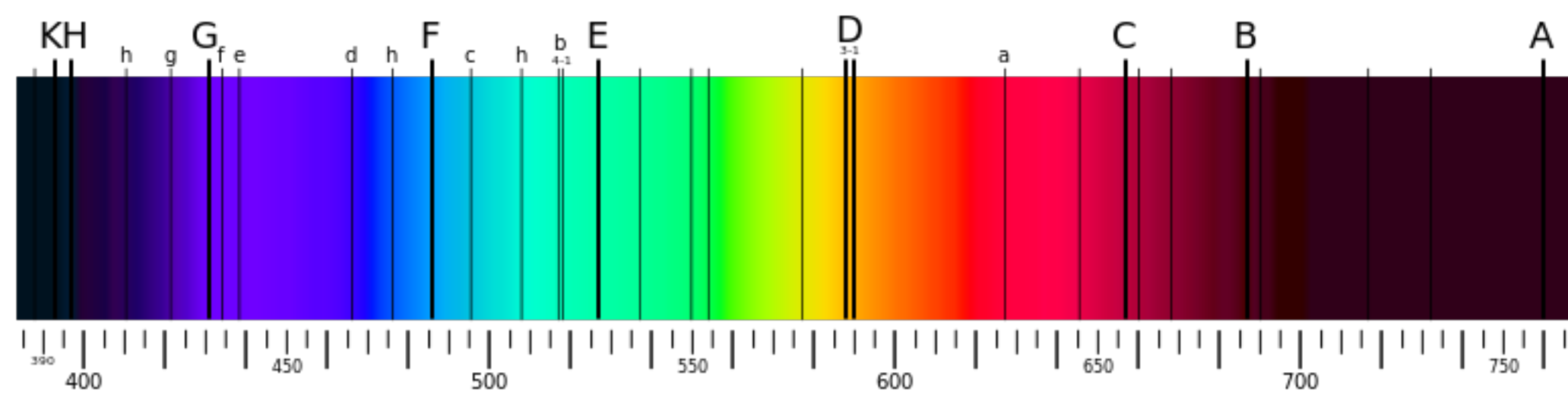
R. L. Kurucz, I. Furenlid, J. Brault & L. Testerman (1984)
Solar Flux Atlas from 296 to 1300 nm



Fraunhofer 1814



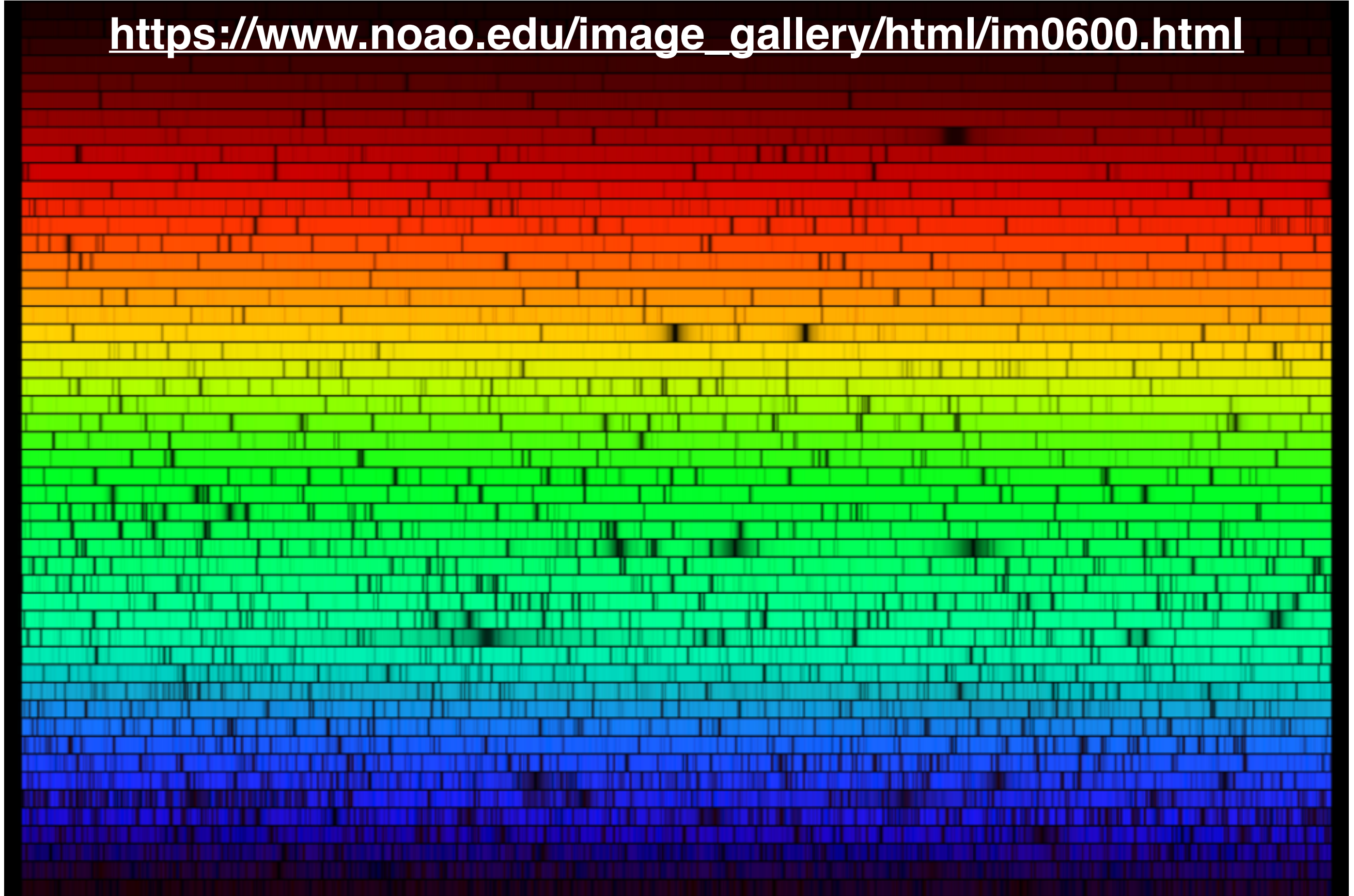
← Wavelength



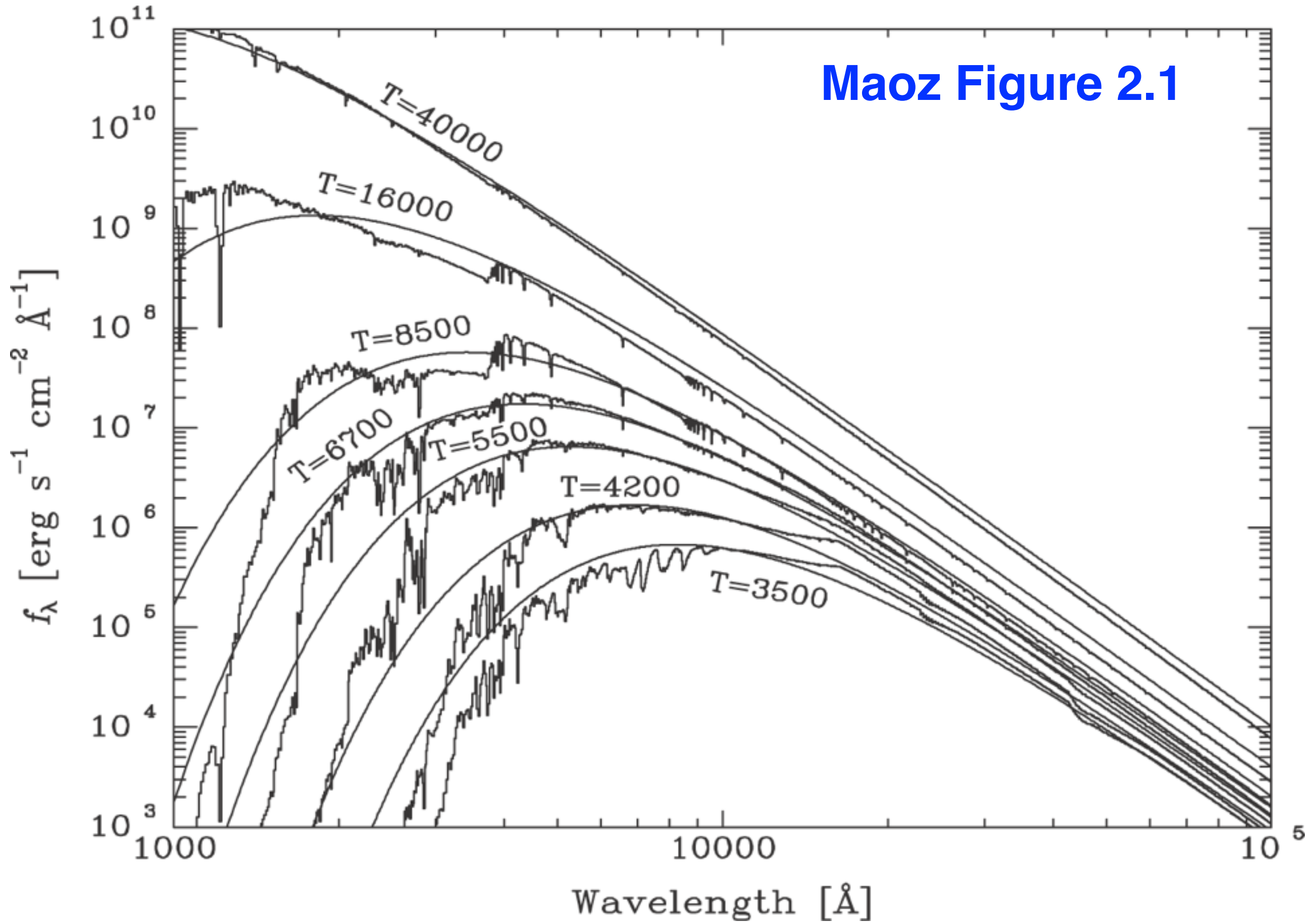
→ Wavelength

The Sun

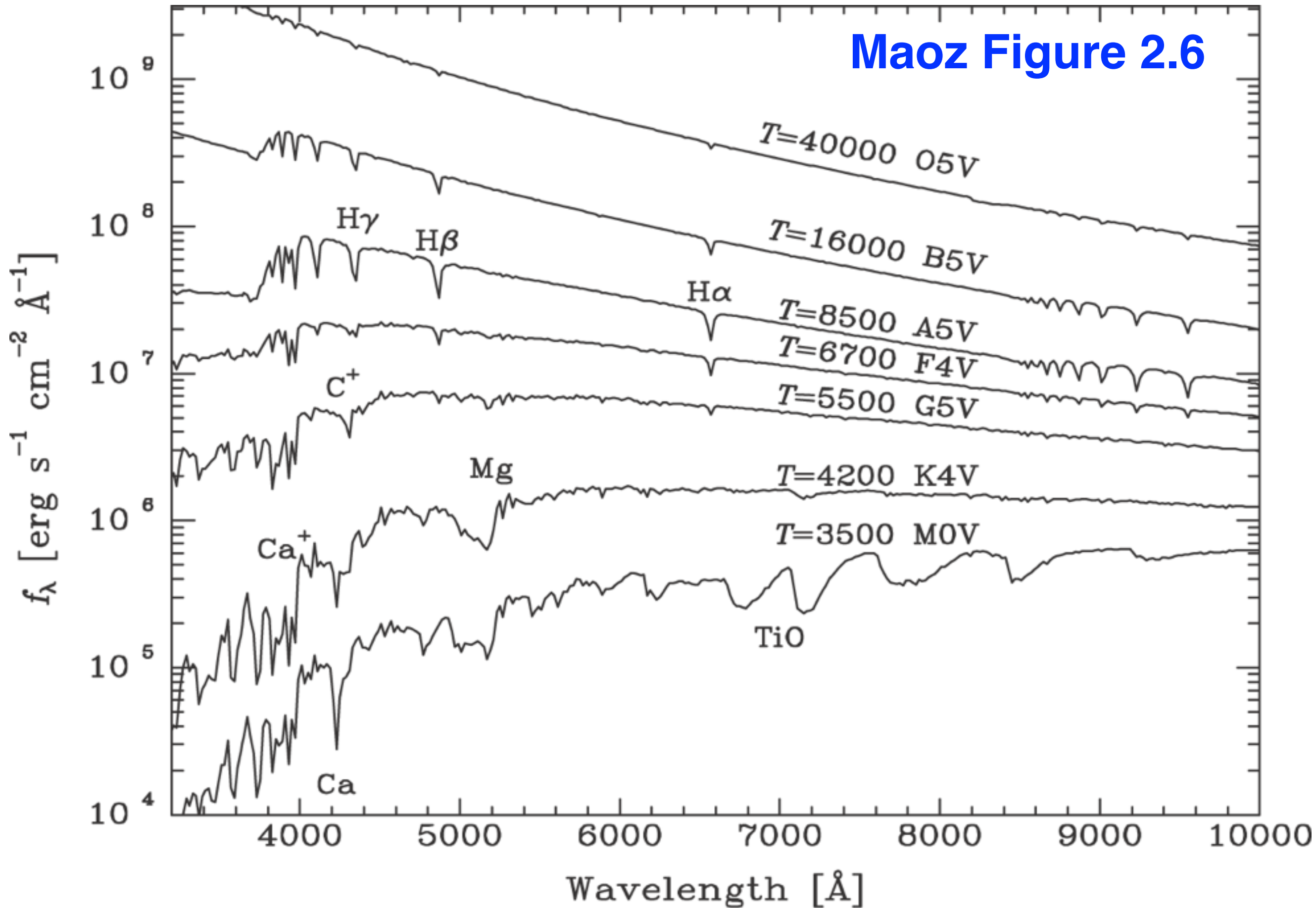
https://www.noao.edu/image_gallery/html/im0600.html

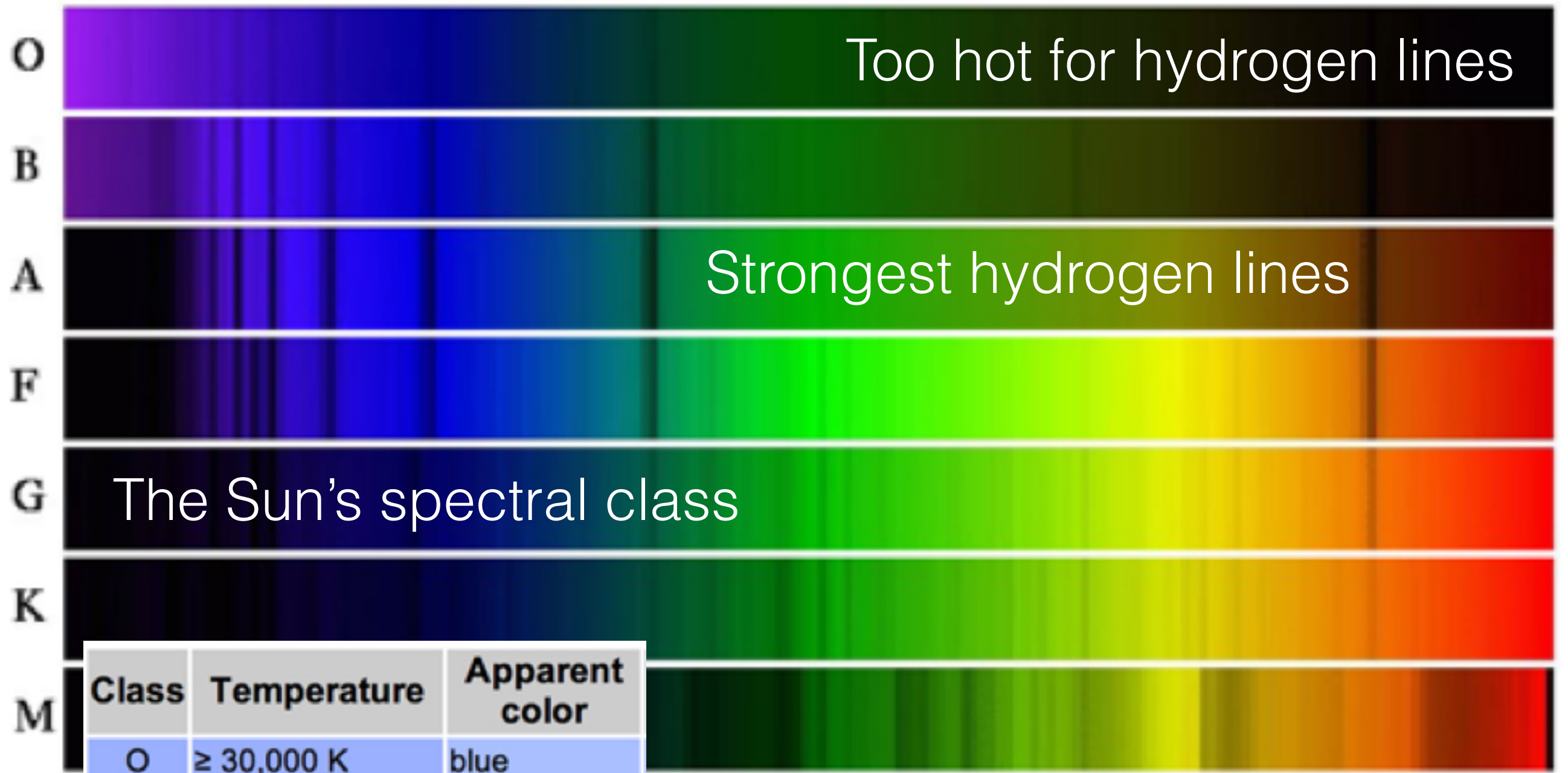


Maoz Figure 2.1



Maoz Figure 2.6





Class	Temperature	Apparent color
O	$\geq 30,000$ K	blue
B	10,000–30,000 K	blue white
A	7,500–10,000 K	white to blue white
F	6,000–7,500 K	white
G	5,200–6,000 K	yellowish white
K	3,700–5,200 K	yellow orange
M	$\leq 3,700$ K	orange red

Spectral Classifications for stars