

FORMATION OF THE He I AND He II  
RESONANCE AND SUBORDINATE LINES  
IN THE SUN AND LATE-TYPE STARS

By

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This paper will describe recent calculations which attempt to pin down the relative importance of collisional excitation, recombination, diffusion, and departures from a Maxwell-Boltzmann electron velocity distribution on the formation of lines and continua of He I and He II in the Sun. There will be some comments on the relevance of these calculations to other stars.