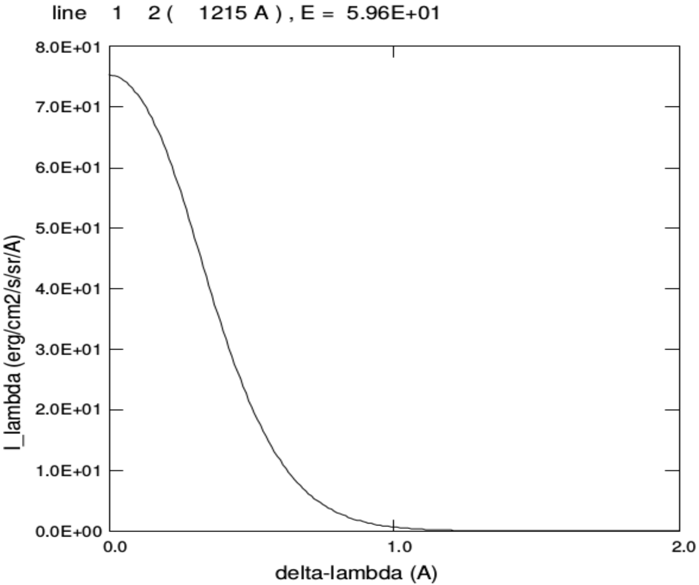
Quiet Sun model from Allen (1977)

as described in Vial and Chane-Yook (2016)

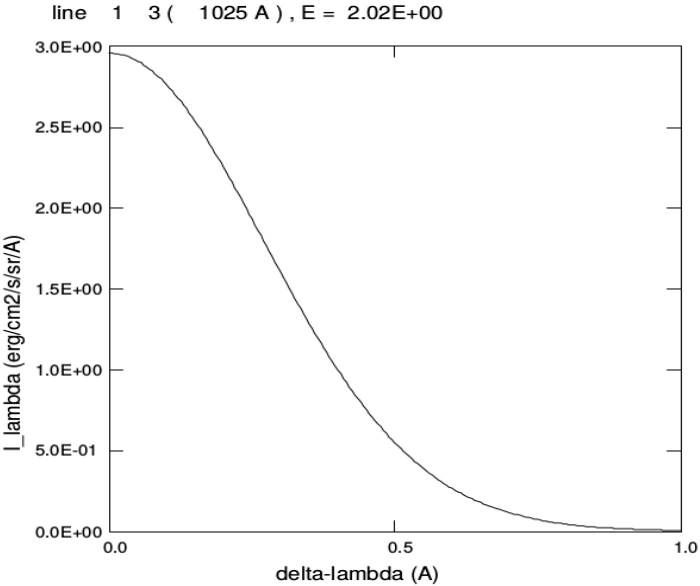
The following figures represent half-profiles of 10 Hydrogen lines computed along a line-of-sight located at 1.05 Rs where continuum absorption is included.

E is the integrated energy in erg s^{-1} cm^{-2} sr^{-1}

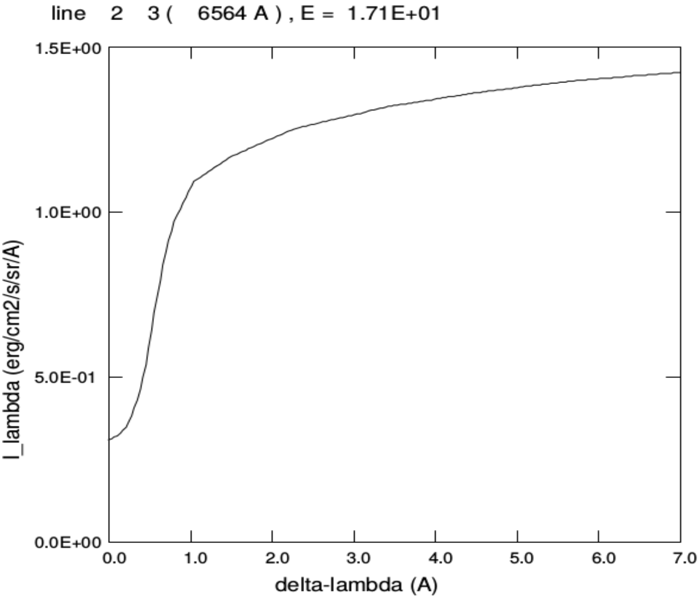
Lyman α line, 1215 Å



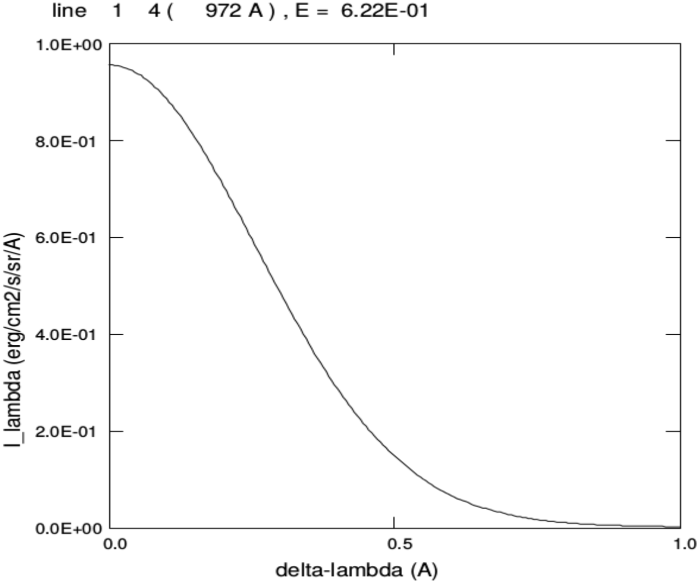
Lyman β line, 1025 Å



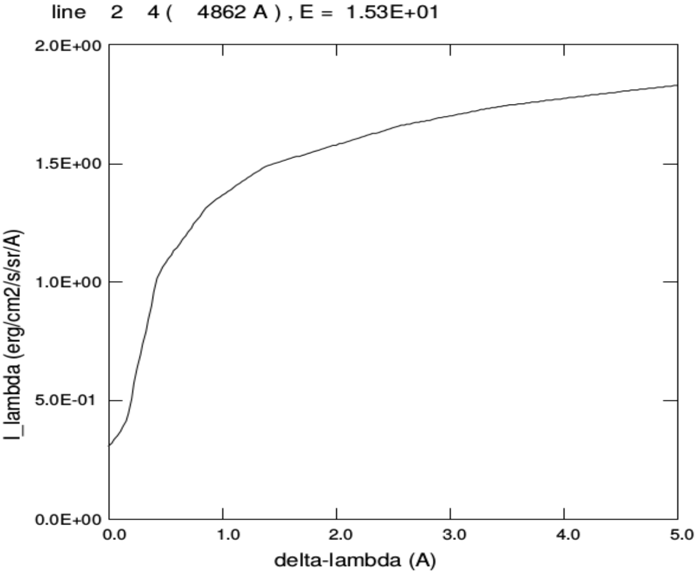
Hα line, 6564 Å



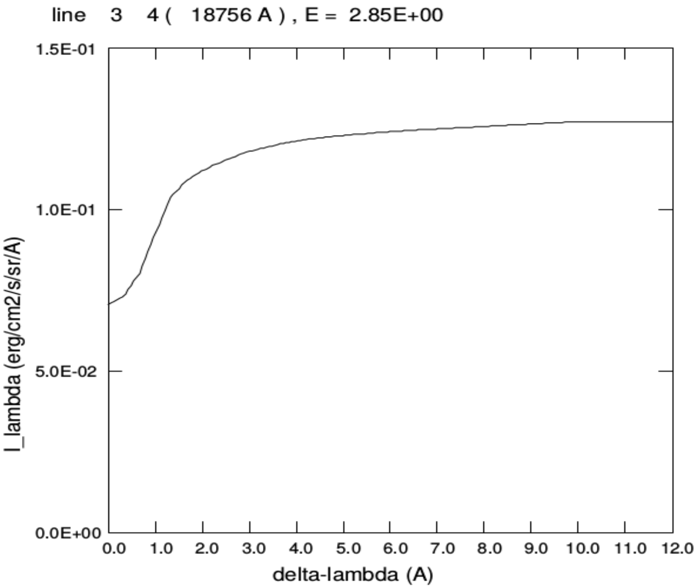
Lyman γ line, 972 Å



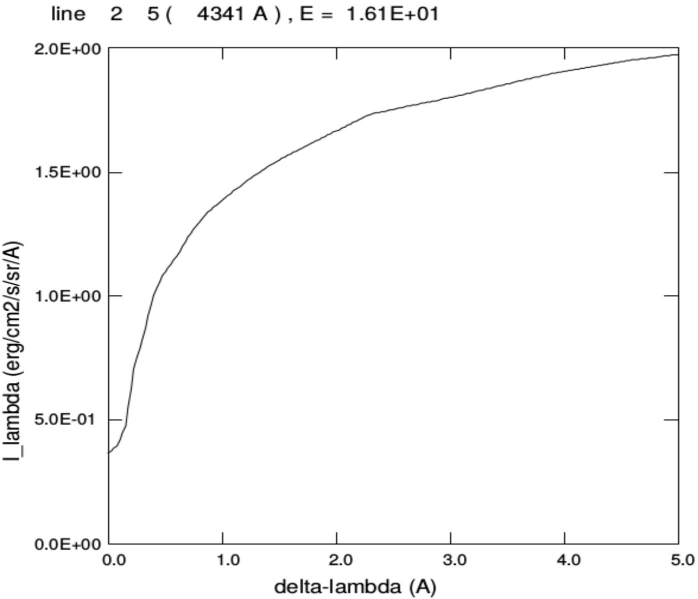
Hβ line, 4862 Å



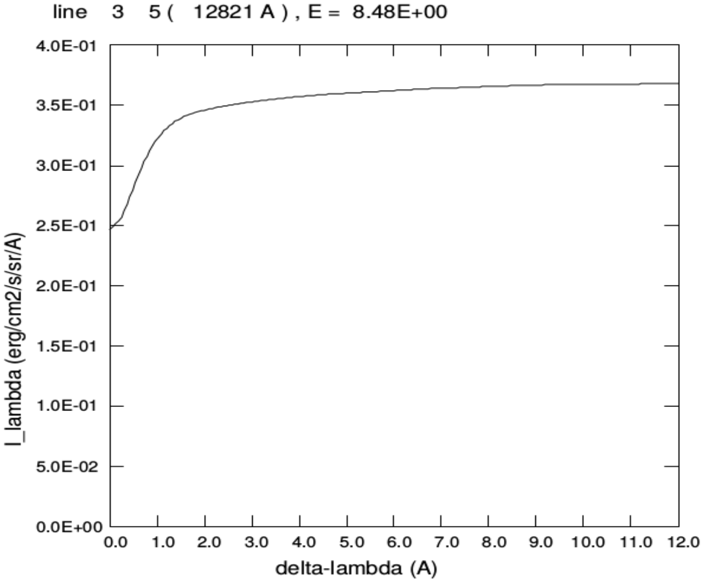
Paschen α line, 18756 Å



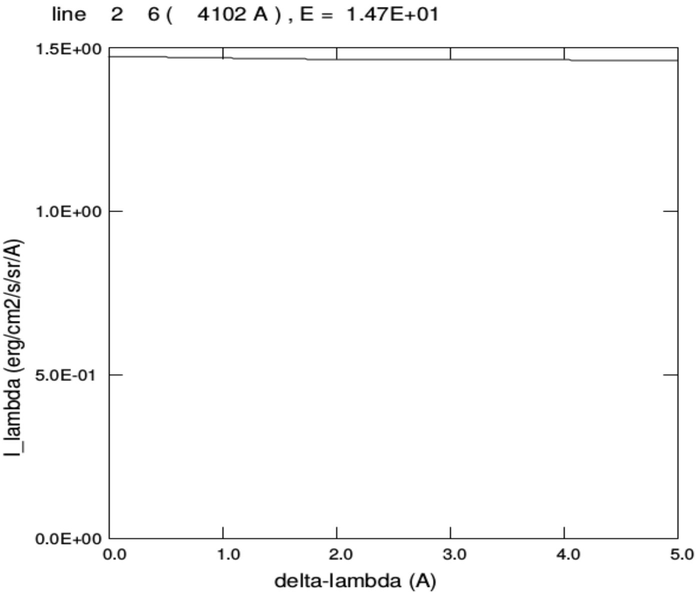
Hγ line, 4341 Å

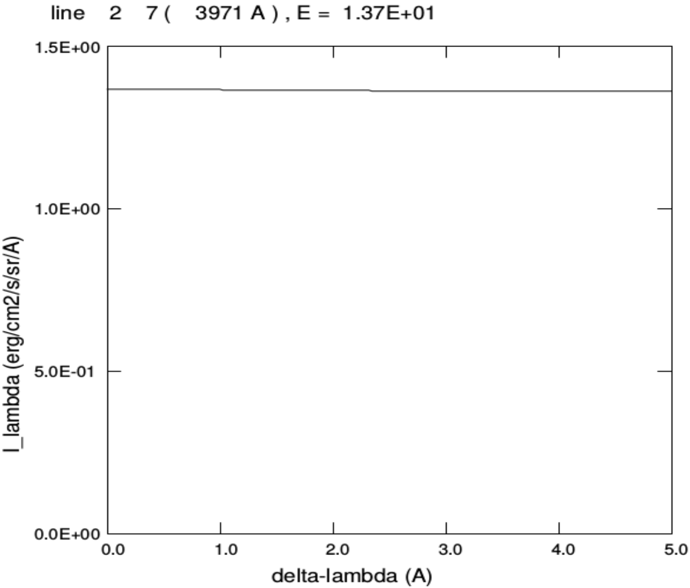


Paschen β line, 12821 Å



Hδ line, 4102 Å



Hϵ line, 3971 Å