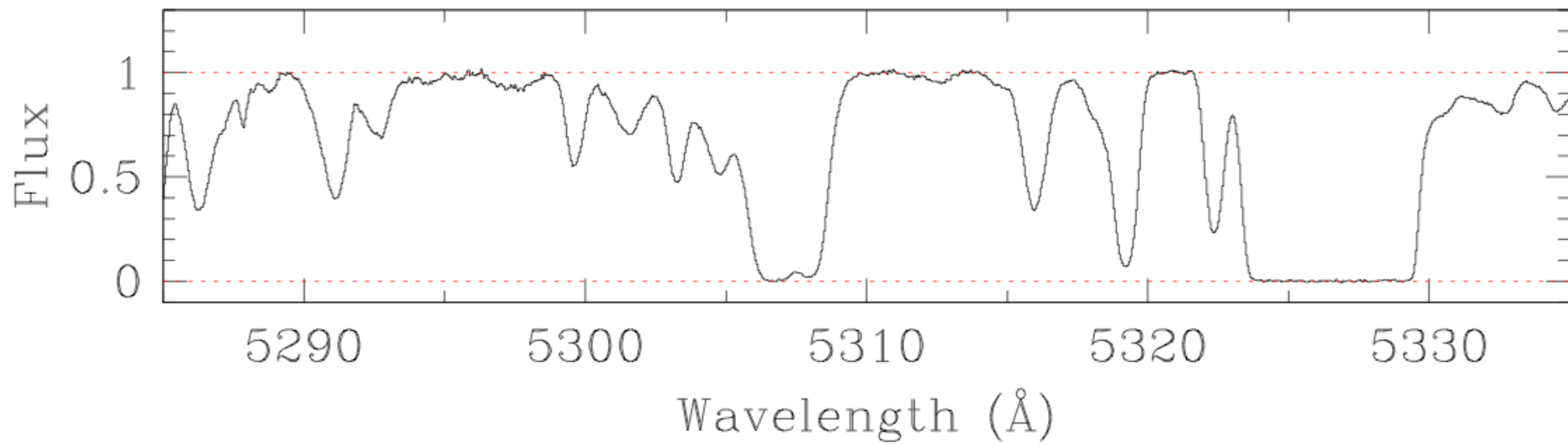
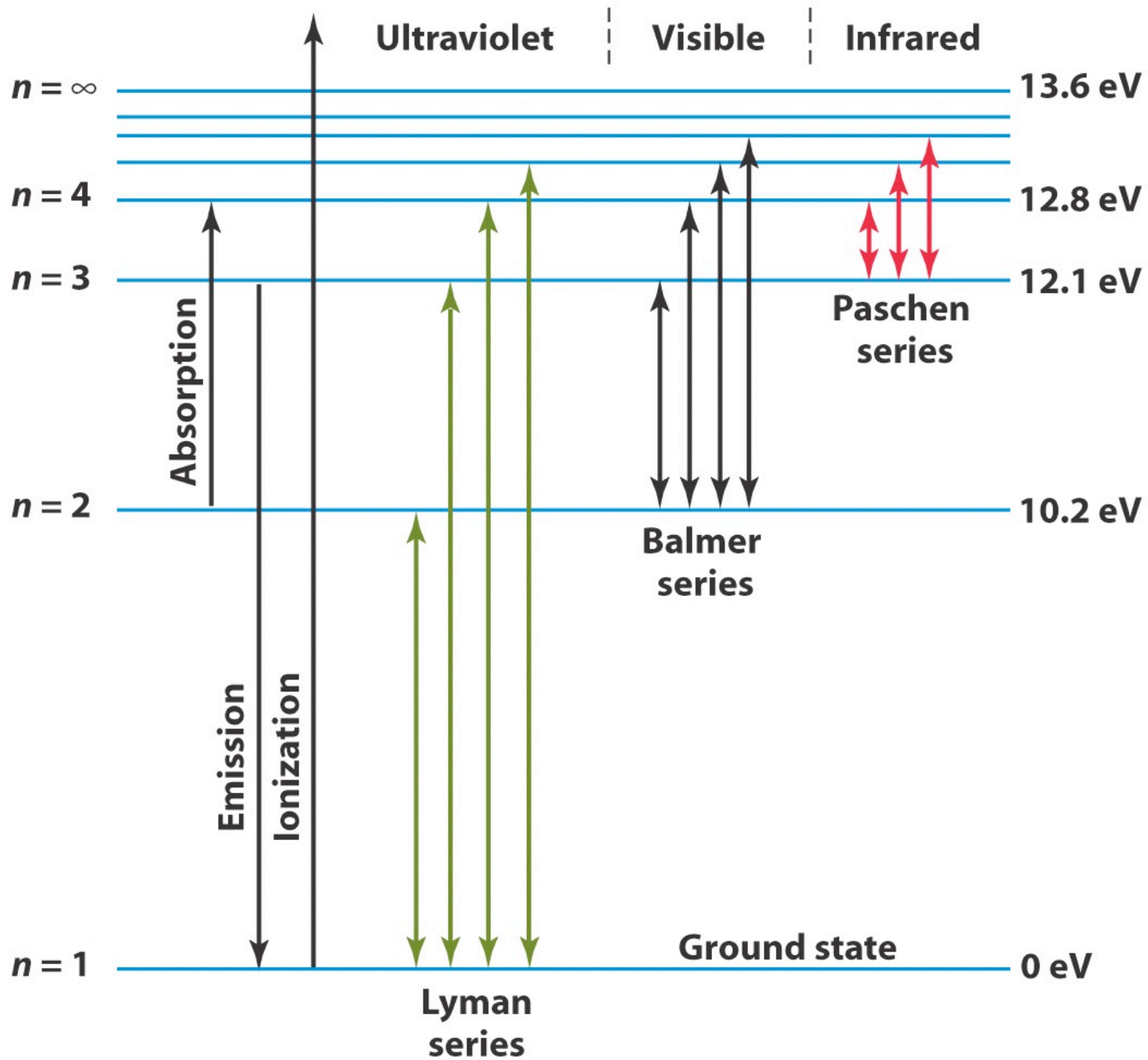
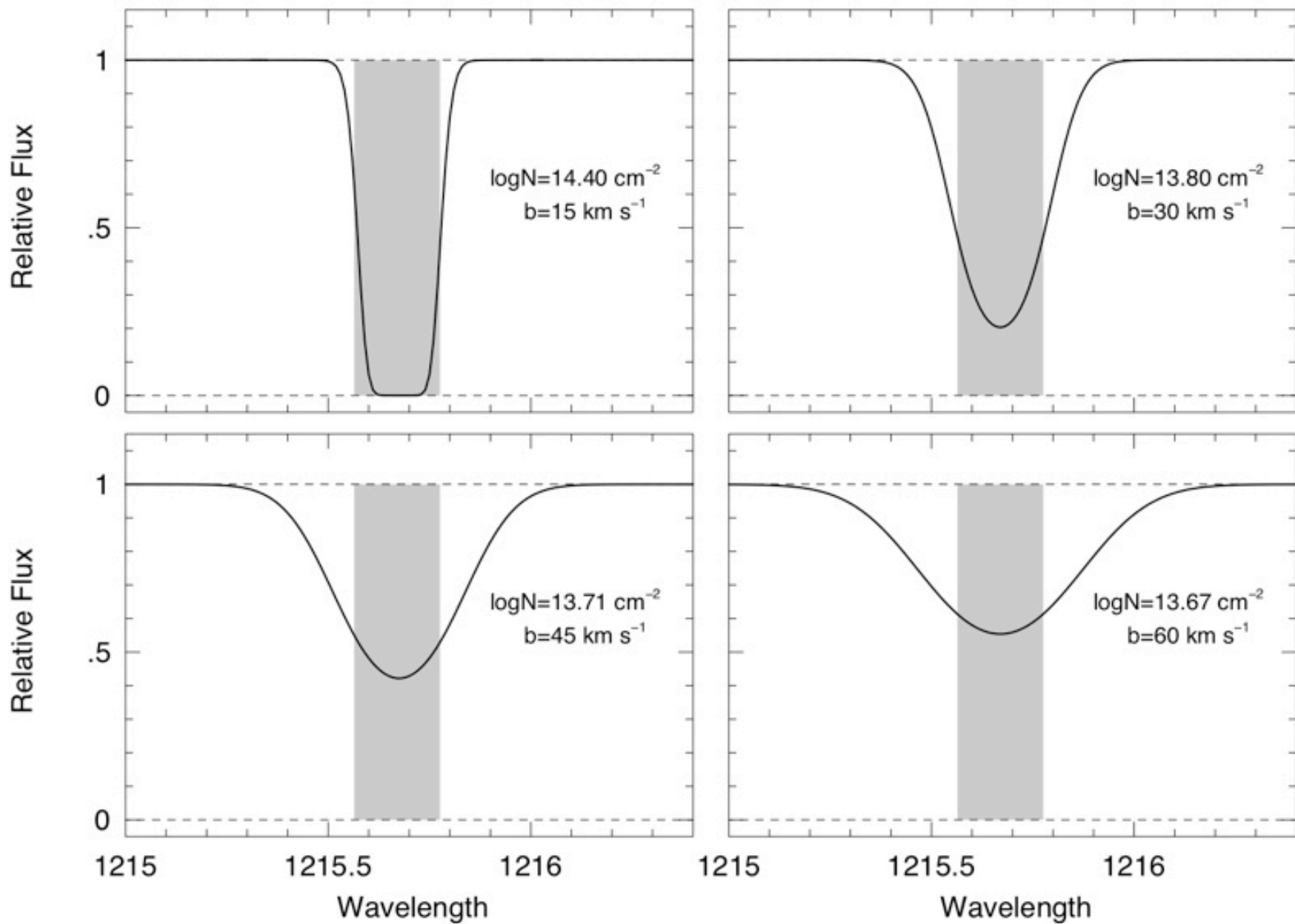
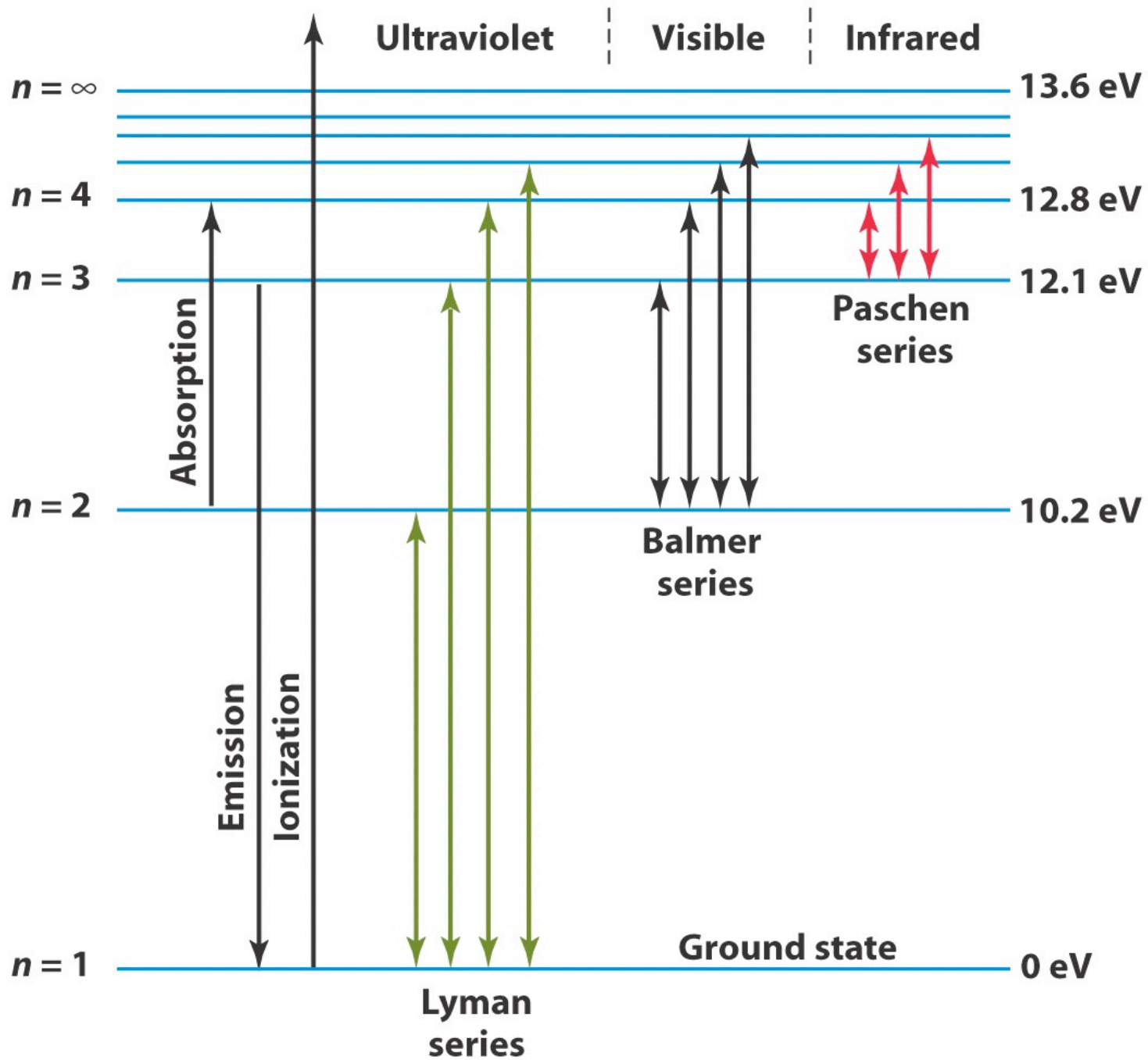


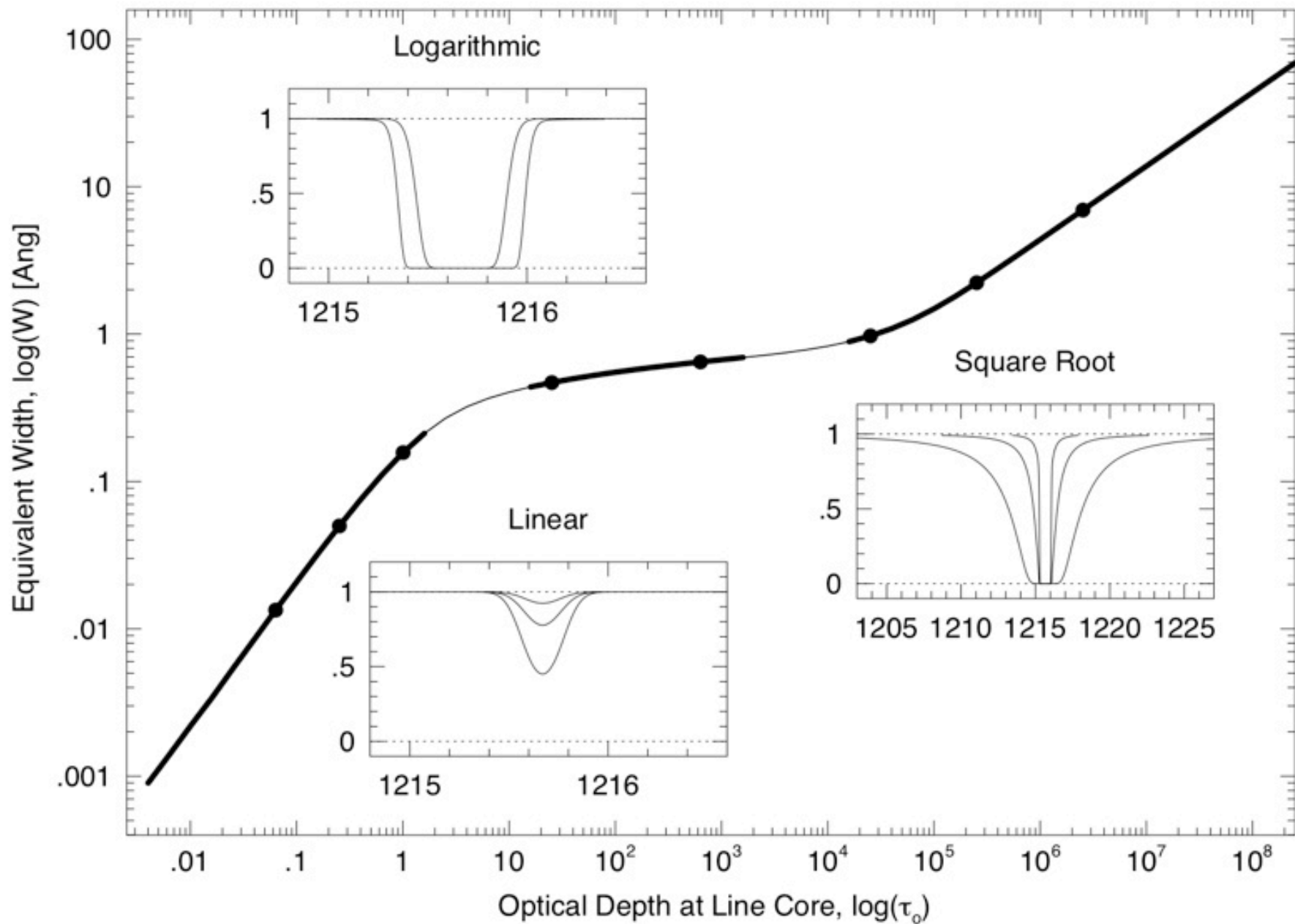
Introduction to
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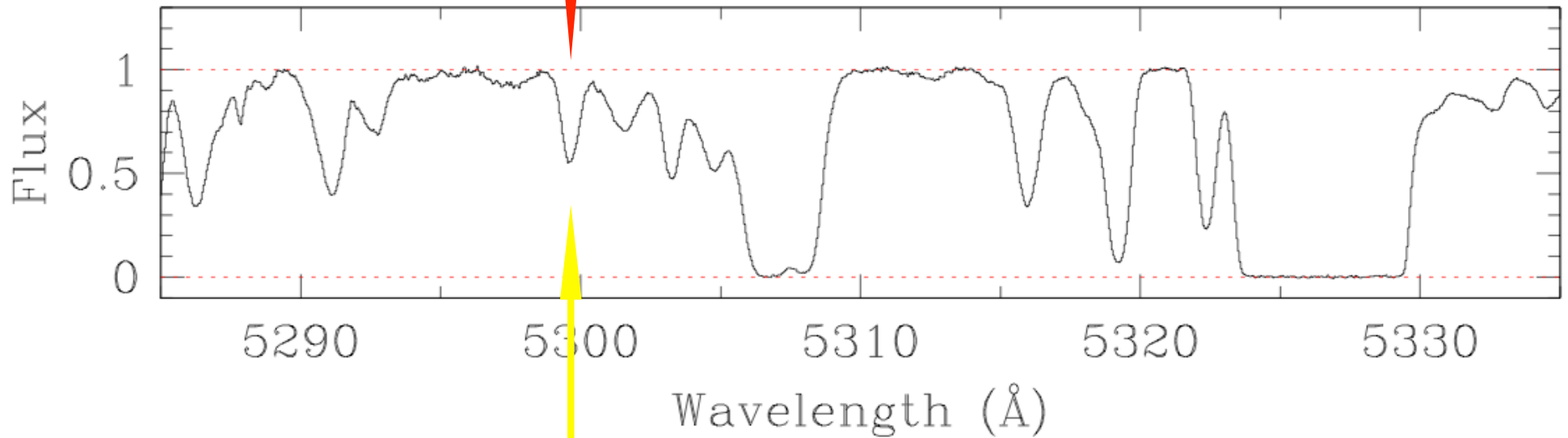








$$W_\lambda = 0.327 \text{ \AA} / (1 + z) = \frac{1}{\lambda_{\text{obs}}/\lambda_0} \rightarrow W_0 = 0.075 \text{ \AA}$$



$$N(\text{HI}) = 1.4 \times 10^{13} \text{ cm}^{-2}$$

