

$$\begin{aligned}\log S_o &= -0,35[u_\lambda - u_{445}]^2 \\ \log C_o &= -0,35[u_\lambda - u_{495}]^2 \\ \log M_o &= -0,35[u_\lambda - u_{545}]^2 \\ \log O_o &= -0,35[u_\lambda - u_{595}]^2\end{aligned}$$

$$\begin{aligned}u_\lambda &= (\lambda - 550) / 50 \\ \log S_n &= -0,35[u_\lambda - u_{645}]^2 \\ \log C_n &= -0,35[u_\lambda - u_{695}]^2\end{aligned}$$

Adaptation:  $\lambda_{CO}=545$

