

$$\begin{aligned} \ln[\text{saturation}] &= \log L_o = -0,35[u_\lambda - u_{570}]^2 & \log L_o &= -0,35[u_\lambda - u_{570}]^2 \\ \log V_o &= -0,35[u_\lambda - u_{557}]^2 & \log M_o &= -0,35[u_\lambda - u_{545}]^2 \\ \log S_a &= -0,35[u_\lambda - u_{445}]^2 + 0,02 & \log L_a &= \log L_o + 0,17 \\ [V_o/V_o, L_a/V_o, M_a/V_o, S_a/V_o] & & \log M_a &= \log M_o - 0,13 \end{aligned}$$

