

$$\log[\text{saturation}] \quad \log L_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log V_o = -0,35[u_\lambda - u_{557}]^2 \quad \log M_o = -0,35[u_\lambda - u_{545}]^2$$

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 - 1,17 \quad \log L_a = \log L_o + 0,17$$

$$\log [V_o/V_o, L_a/V_o, M_a/V_o, S_a/V_o] \quad \log M_a = \log M_o - 0,13$$

Sa                      Ma    La                      saturation V

