

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

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

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

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

Sa

Ma

La

saturation V

