

$\log[\text{saturation}]$
 $\log L_o = -0,35[u_\lambda - u_{570}]^2$
 $\log L_a = \log L_o + 0,00$
 $\log [L_o/L_o, O_a/L_o, M_a/L_o]$

$\log O_o = -0,35[u_\lambda - u_{595}]^2$
 $\log M_o = -0,35[u_\lambda - u_{545}]^2$
 $\log O_a = \log O_o + 0,79$
 $\log M_a = \log M_o - 0,61$

