log[saturation]

$\log L_o = -0.35[u_\lambda - u_{570}]^2$

$\log V_o = -0.35[u_\lambda - u_{557}]^2$

$\log M_o = -0.35[u_\lambda - u_{545}]^2$

$\log S_o = -0.35[u_\lambda - u_{445}]^2 + 0.02$ $\log L_a = \log L_o + 0.02$

$\log [V_o/V_o, L_a/V_o, M_a/V_o, S_a/V_o]$ $\log M_a = \log M_o + 0.02$

saturation V

L:M:S   adaptation
=1:1:1   L&M: 557
t=0.0

Sa   Ma   La

1

0

−1   −3   −1   0   3   t   −3

445   545   570

400   500   550   600 λ_d/nm   700 λ_c 400

eey00−4a