

lin[sensitivity]

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

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

$[V_o, L_a, M_a, S_a]$

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

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

$$\log L_a = \log L_o + 0,17$$

$$\log M_a = \log M_o - 0,13$$

$$u_\lambda = (\lambda - 550) / 50$$

L:M:S adaptation  
=16:8:1 L&M: 557

$t_s = 0.0$

557:

$$L_o = 0.95 \quad L_a = 1.34$$

$$V_o = 1.0 \quad V_a = 1.0$$

$$M_o = 0.95 \quad M_a = 0.67$$

$$S_o = 0.02 \quad S_a = 0.0$$

