

ln[Empfindlichkeit]

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

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 + 0,02$$

[ $V_o$ ,  $L_a$ ,  $M_a$ ,  $S_a$ ]

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

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

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

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

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

L:M:S Adaptation  
=4:2:3 L&M: 557

$t_s = 0.0$

557:

$L_o = 0.95$   $L_a = 1.34$

$V_o = 1.0$   $V_a = 1.0$

$M_o = 0.95$   $M_a = 0.67$

$S_o = 0.02$   $S_a = 0.02$

