

lin[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]

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

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

$$\log L_a = \log L_o + 0,02$$

$$\log M_a = \log M_o + 0,02$$

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

L:M:S Adaptation
=1:1:1 L&M: 557

$$t_s = 0.0$$

557:

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

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

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

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

495Ec 565Ec

400 500 600 700 λ_d/nm λ_c 400

egx10-3a

