

lin[sensitivity]

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

$$\log L_a = \log L_o + 0,00$$

$[L_o, O_a, M_a]$

$$\log O_o = -0,35[u_\lambda - u_{595}]^2$$

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

$$\log O_a = \log O_o - 0,26$$

$$\log M_a = \log M_o + 0,44$$

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

adaptation

O&M: 620

$t_s = 0.1$

620:

$$O_o = 0.82 \quad O_a = 0.45$$

$$L_o = 0.45 \quad L_a = 0.45$$

$$M_o = 0.16 \quad M_a = 0.45$$

Ma

Oa Ra

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

adaptation

O&M: 620

$t_s = 0.1$

620:

$$O_o = 0.82 \quad O_a = 0.45$$

$$L_o = 0.45 \quad L_a = 0.45$$

$$M_o = 0.16 \quad M_a = 0.45$$

545

595

620

495Ec

565Ec

400

500

600

λ_d / nm

700

λ_c

400