log[Empfindlichkeit]

$\log V_O = -0{,}35[u_\lambda-u_{557}]^2$
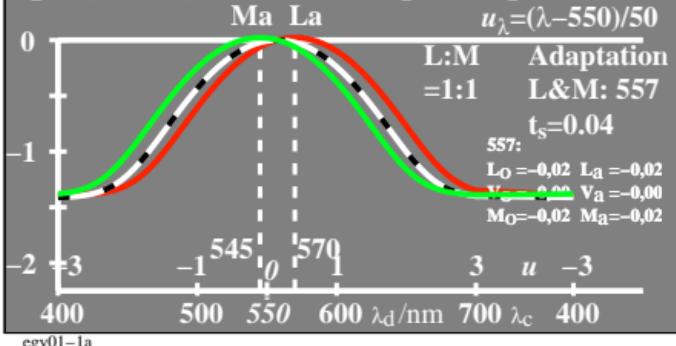
$\log V_a = \log V_O +0{,}00$

$\log [V_O, L_a, M_a,]$

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

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

$\log L_a = \log L_O+0{,}02$

$\log M_a = \log M_O+0{,}02$

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

Ma La

L:M Adaptation =1:1 L&M: 557 $t_s=0.04$

557: $L_O=-0{,}02$ $L_a=-0{,}02$ $V_O=-0{,}00$ $V_a=-0{,}00$ $M_O=-0{,}02$ $M_a=-0{,}02$

0 −1 −2 −3 −1 545 0 570 1 3 u −3

400 500 550 600 λ_d/nm 700 λ_c 400

log[Sättigung]

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

$\log V_a = \log V_O +0{,}00$

$\log [V_O/V_O, L_a/V_O, M_a/V_O,]$
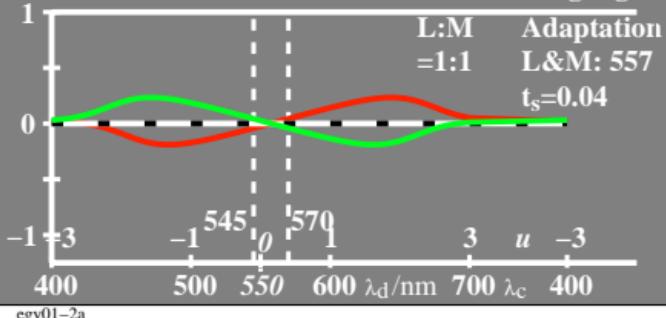
$\log L_O = -0{,}35[u_\lambda-u_{570}]^2$

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

$\log L_a = \log L_O+0{,}02$

$\log M_a = \log M_O+0{,}02$

Ma La

L:M Adaptation =1:1 L&M: 557 $t_s=0.04$

Sättigung V

1 0 −1 3 u −3

400 500 550 600 λ_d/nm 700 λ_c 400

egy01−2a

log[Empfindlichkeit]

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

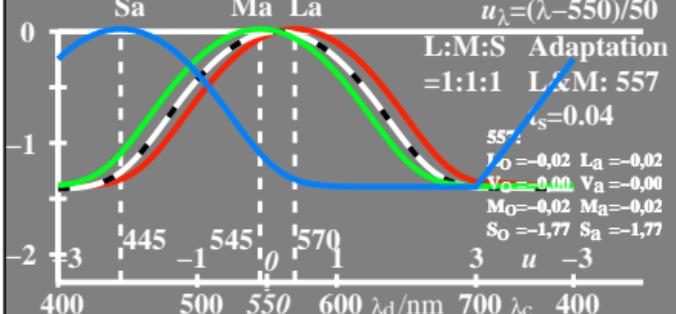$\log S_a = -0{,}35[u_\lambda-u_{445}]^2+0{,}02$

$\log [V_O, L_a, M_a, S_a]$

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

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

$\log L_a = \log L_O+0{,}02$

$\log M_a = \log M_O+0{,}02$

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

Sa Ma La

L:M:S Adaptation =1:1:1 L&M: 557 $t_s=0.04$

557: $L_O=-0{,}02$ $L_a=-0{,}02$ $V_O=-0{,}00$ $V_a=-0{,}00$ $M_O=-0{,}02$ $M_a=-0{,}02$ $S_O=-1{,}77$ $S_a=-1{,}77$

0 −1 −2 −3 445 −1 545 0 570 1 3 u −3

400 500 550 600 λ_d/nm 700 λ_c 400

egy01−3a

egy01−3n

log[Sättigung]

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

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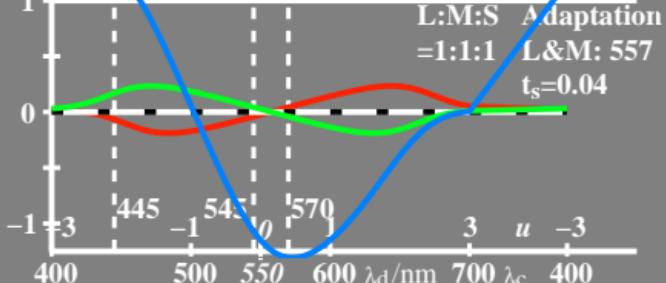
$\log [V_O/V_O, L_a/V_O, M_a/V_O, S_a/V_O]$

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

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

$\log L_a = \log L_O+0{,}02$

$\log M_a = \log M_O+0{,}02$

Sa Ma La

L:M:S Adaptation =1:1:1 L&M: 557 $t_s=0.04$

Sättigung V

1 0 445 545 570 3 u −3

400 500 550 600 λ_d/nm 700 λ_c 400

egy01−4a