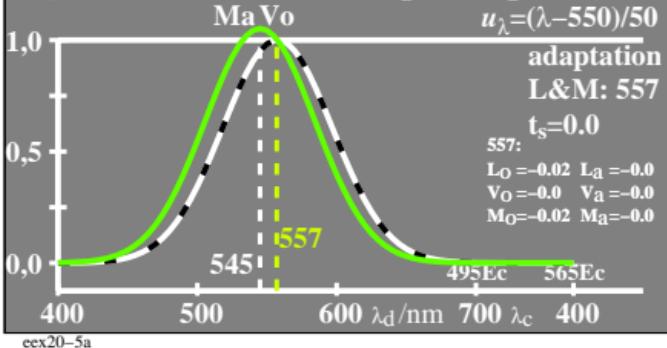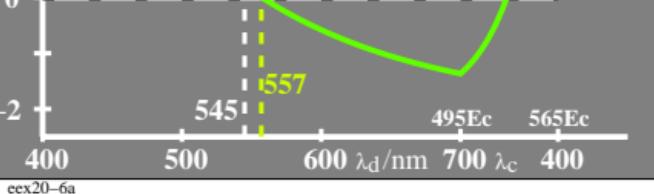Top-left panel (eex20−5a):

lin[sensitivity]

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

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

$[V_a, M_a]$

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

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

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

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

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

Ma Vo

adaptation
L&M: 557

$t_s = 0.0$

557:
Lo =−0.02 La =−0.0
Vo =−0.0   Va =−0.0
Mo=−0.02   Ma=−0.0

1,0
0,5
0,0
545 557
495Ec 565Ec
400 500 600 700 λ_d/nm λ_c 400

Top-right panel (eex20−6a):
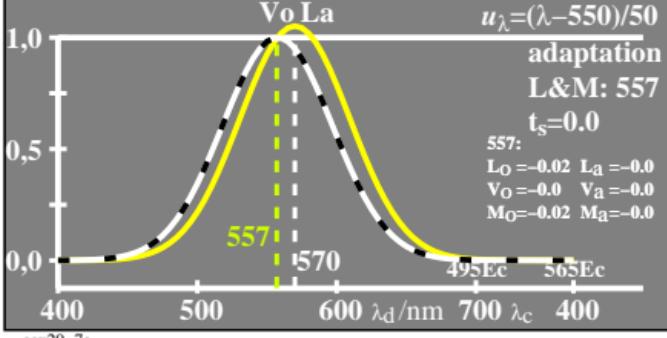
lin[saturation]

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

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

$[V_a/V_o, M_a/V_o]$

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

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

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

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

Ma Vo

saturation V

adaptation
L&M: 557

$t_s = 0.0$

2
0
−2
545 557
495Ec 565Ec
400 500 600 700 λ_d/nm λ_c 400

Bottom-left panel (eex20−7a):

lin[sensitivity]

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

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

$[V_a, L_a,]$

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

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

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

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

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

Vo La

adaptation
L&M: 557

$t_s = 0.0$

557:
Lo =−0.02 La =−0.0
Vo =−0.0   Va =−0.0
Mo=−0.02   Ma=−0.0

1,0
0,5
0,0
557 570
495Ec 565Ec
400 500 600 700 λ_d/nm λ_c 400

Bottom-right panel (eex20−8a):

lin[saturation]

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

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

$[V_a/V_o, L_a/V_o,]$

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

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

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

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

Vo La

saturation V

adaptation
L&M: 557

$t_s = 0.0$

2
0
−2
557 570
495Ec 565Ec
400 500 600 700 λ_d/nm λ_c 400

eex20−7n