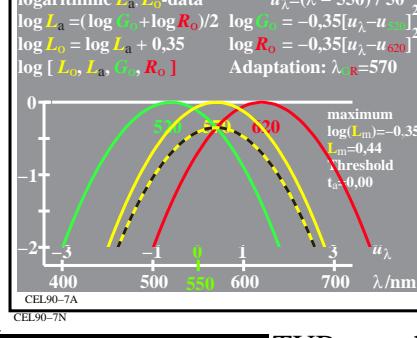
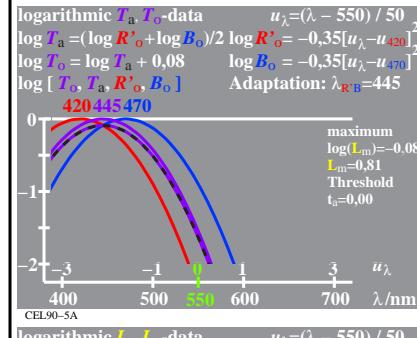
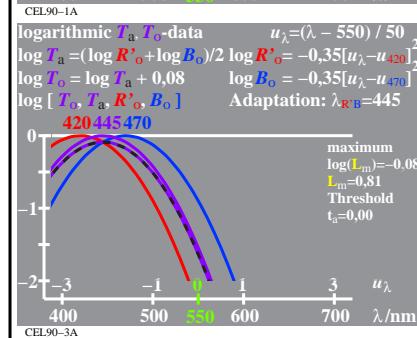
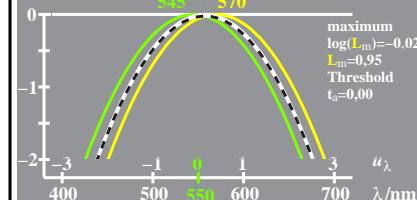


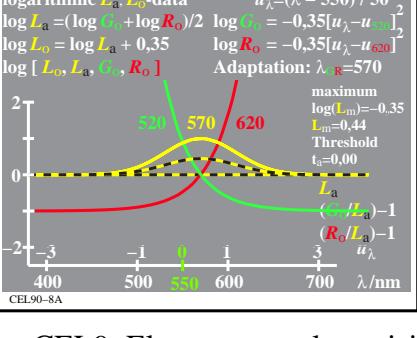
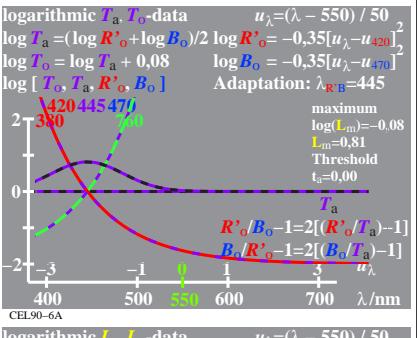
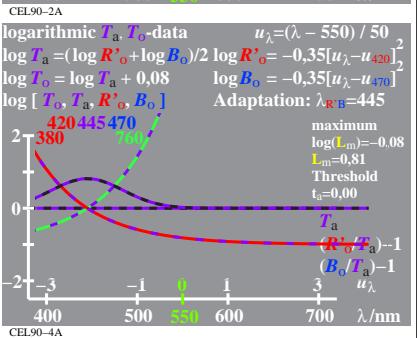
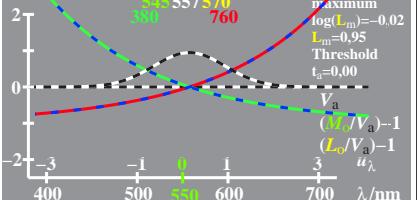
C

see similar files: <http://farbe.li.tu-berlin.de/CEL9/CEL9.HTM>  
technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>C  
M  
Y  
L  
O  
V  
C

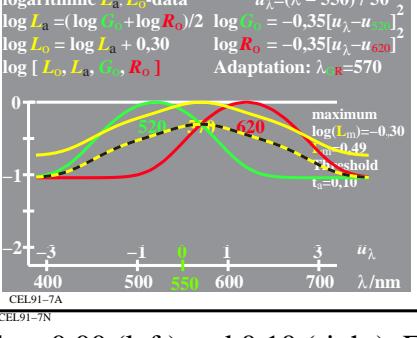
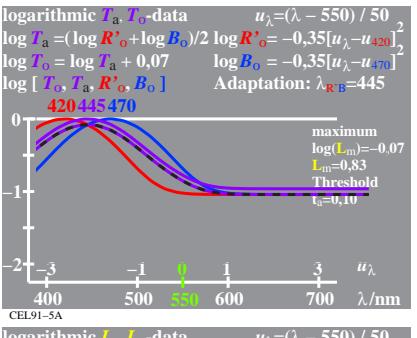
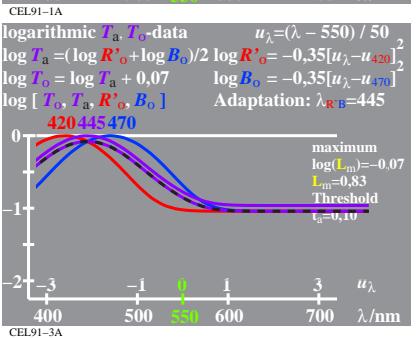
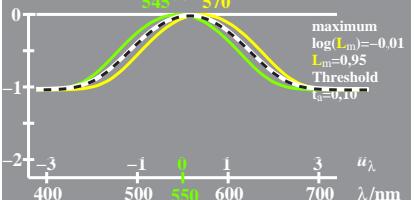
logarithmic  $V_a, V_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log V_a = (\log M_o + \log L_o)/2$   $\log M_o = -0.35[u_\lambda - u_{550}]^2$   
 $\log V_o = \log V_a + 0.02$   $\log L_o = -0.35[u_\lambda - u_{570}]^2$   
 $\log [V_o, V_a, M_o, L_o]$  Adaptation:  $\lambda_{\text{ad}}=557$



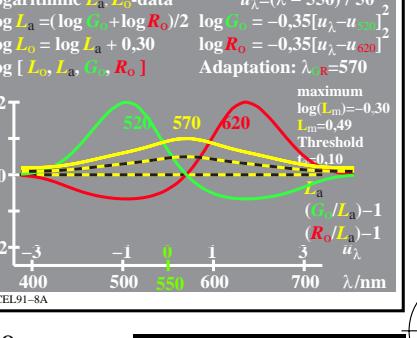
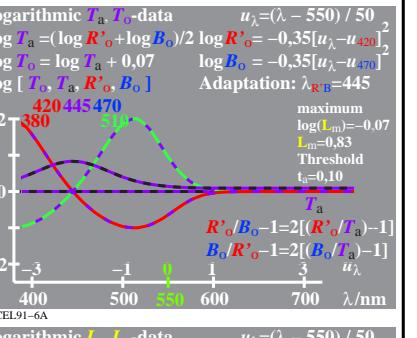
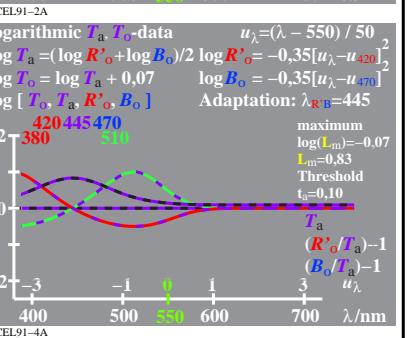
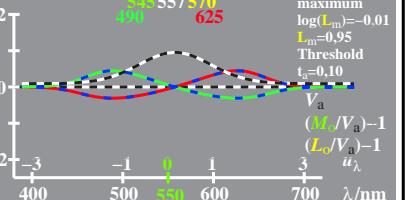
logarithmic  $V_a, V_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log V_a = (\log M_o + \log L_o)/2$   $\log M_o = -0.35[u_\lambda - u_{550}]^2$   
 $\log V_o = \log V_a + 0.02$   $\log L_o = -0.35[u_\lambda - u_{570}]^2$   
 $\log [V_o, V_a, M_o, L_o]$  Adaptation:  $\lambda_{\text{ad}}=557$



logarithmic  $V_a, V_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log V_a = (\log M_o + \log L_o)/2$   $\log M_o = -0.35[u_\lambda - u_{550}]^2$   
 $\log V_o = \log V_a + 0.01$   $\log L_o = -0.35[u_\lambda - u_{570}]^2$   
 $\log [V_o, V_a, M_o, L_o]$  Adaptation:  $\lambda_{\text{ad}}=557$



logarithmic  $V_a, V_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log V_a = (\log M_o + \log L_o)/2$   $\log M_o = -0.35[u_\lambda - u_{550}]^2$   
 $\log V_o = \log V_a + 0.01$   $\log L_o = -0.35[u_\lambda - u_{570}]^2$   
 $\log [V_o, V_a, M_o, L_o]$  Adaptation:  $\lambda_{\text{ad}}=557$



TUB-test chart CEL9; Elementary colour vision; threshold  $t_a=0,00$  (left) and  $0,10$  (right), E00  
 $\log[\text{Sensitivities}], \text{lin}[\text{differences}]$  LMS-R21=(545,557,570), (420,445,470), (420,470,520)