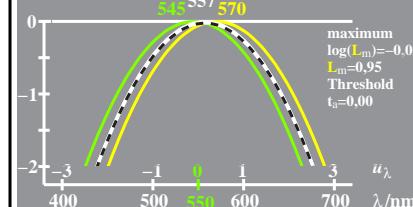


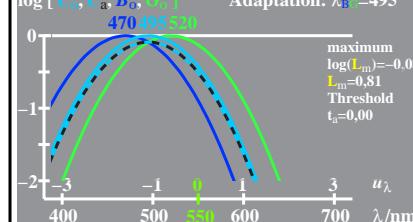
C

see similar files: http://farbe.li.tu-berlin.de/CEK7/CEK7.HTM
technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

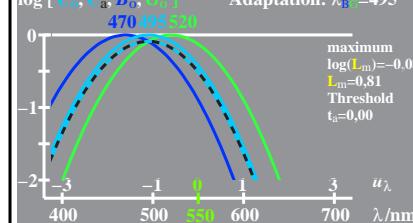
logarithmic V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $\log V_o = \log V_a + 0,02$ $\log L_o = -0,35[u_\lambda - u_{570}]^2$
 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{557} = 557$



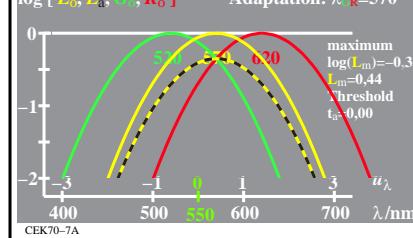
logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,08$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$



logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,08$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$

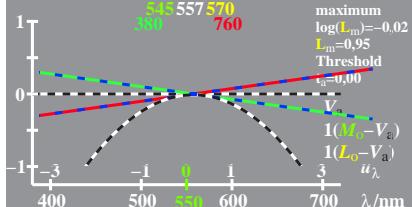


logarithmic L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log L_a = (\log G_o + \log R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log L_o = \log L_a + 0,35$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 $\log [L_o, L_a, G_o, R_o]$ Adaptation: $\lambda_R = 570$

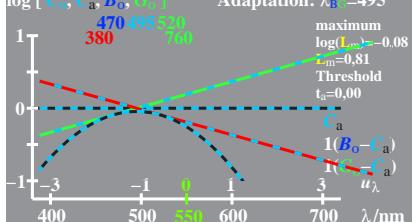


TUB-test chart CEK7; Elementary colour vision; threshold $t_a=0,00$ (left) and $0,10$ (right), E00
 $\log[\text{Sensitivities and differences}] LMS-R2I=(545,557,570), (470,495,520), (470,520,570)$

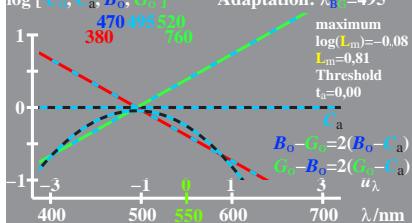
logarithmic V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $\log V_o = \log V_a + 0,01$ $\log L_o = -0,35[u_\lambda - u_{570}]^2$
 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{557} = 557$



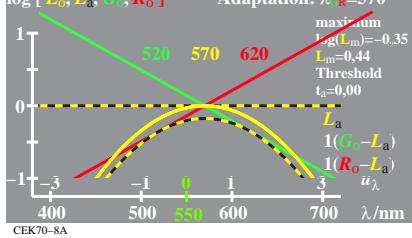
logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,07$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$



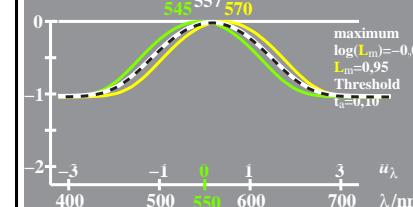
logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,07$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$



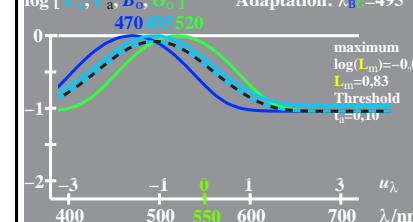
logarithmic L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log L_a = (\log G_o + \log R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log L_o = \log L_a + 0,35$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 $\log [L_o, L_a, G_o, R_o]$ Adaptation: $\lambda_R = 570$



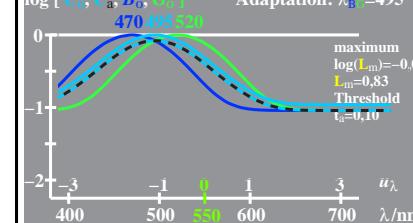
logarithmic V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $\log V_o = \log V_a + 0,01$ $\log L_o = -0,35[u_\lambda - u_{570}]^2$
 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{557} = 557$



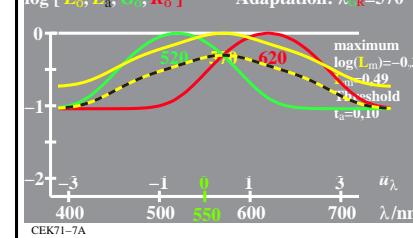
logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,07$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$



logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,07$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$



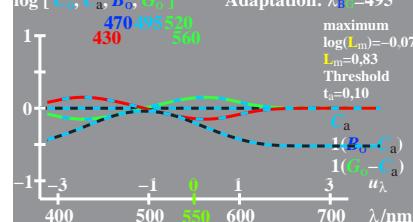
logarithmic L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log L_a = (\log G_o + \log R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log L_o = \log L_a + 0,30$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 $\log [L_o, L_a, G_o, R_o]$ Adaptation: $\lambda_R = 570$



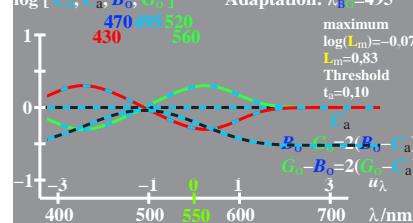
logarithmic V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $\log V_o = \log V_a + 0,01$ $\log L_o = -0,35[u_\lambda - u_{570}]^2$
 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{557} = 557$



logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,07$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$



logarithmic C_a, C_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0,35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0,07$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B = 495$



logarithmic L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log L_a = (\log G_o + \log R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{520}]^2$
 $\log L_o = \log L_a + 0,30$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 $\log [L_o, L_a, G_o, R_o]$ Adaptation: $\lambda_R = 570$

