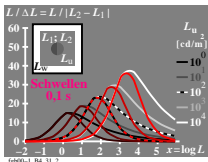
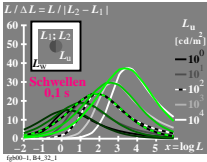


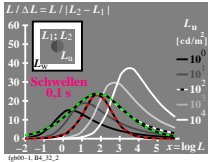
fgb0-IN



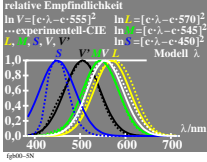
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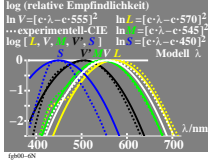
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fgb0-1_B4_32_2



fgb0-SN



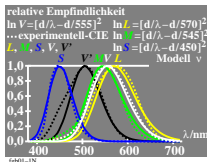
fgb0-SN

Spektrale Empfindlichkeiten $s(u)$ von Rezeptorsystemen L, M, S, V, V'
 $u = \lambda = \text{Wellenlänge}; u = v = \text{Frequenz}$
 $s(u) = e^{-u^2} = e^{-2,7183} \quad v = 1/\lambda$
Modell λ : $u = \frac{1}{55,5} (\lambda - \lambda_0)$
Modell v : $u = 5550 (v - v_0)$
 maxima λ_0 von L, M, S, V, V' in
 Nanometer: **570, 545, 450, 555, 505**

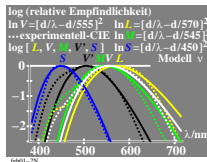
fgb0-SN

Spektrale Sättigungen p (=Purity) von Rezeptorsystemen L, M, S, V, V'
 $u = \lambda = \text{Wellenlänge}; u = v = \text{Frequenz}$
 $s(u) = e^{-u^2} \quad i = 2/5; j = 3/5 \quad v = 1/\lambda$
Modell Y : $p = \frac{s(L, M, S)}{i s(L) + j s(M)}$
Modell V : $p = \frac{s(L, M, S)}{s(V)}$
Modell U : $p = \frac{s(L, M, S)}{e^{i \ln(L) + j \ln(M)}}$

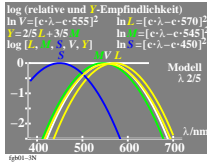
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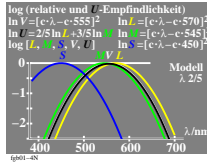
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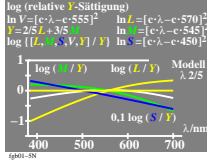
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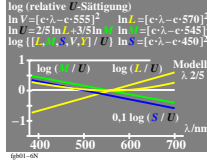
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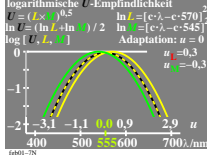
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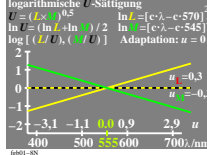
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fgb0-SN



fgb0-SN



fgb0-SN