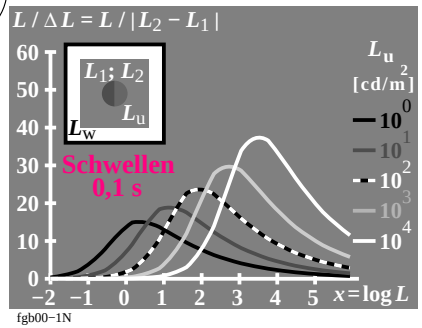

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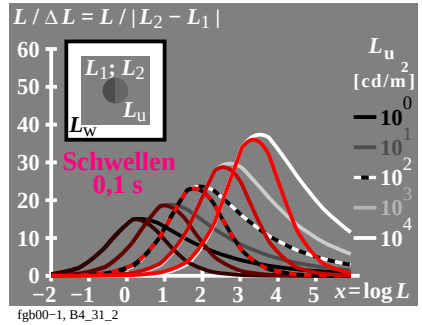

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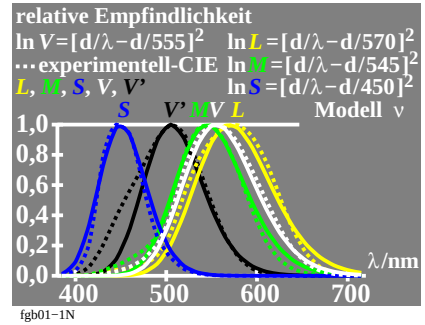

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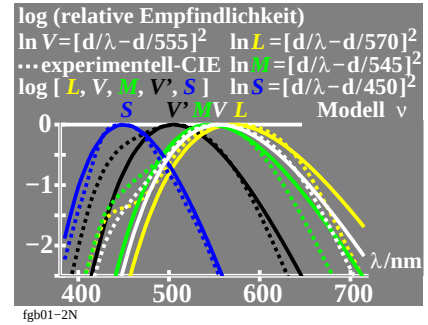

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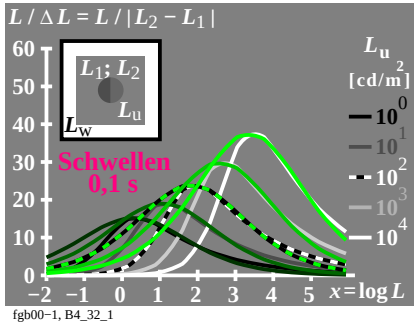

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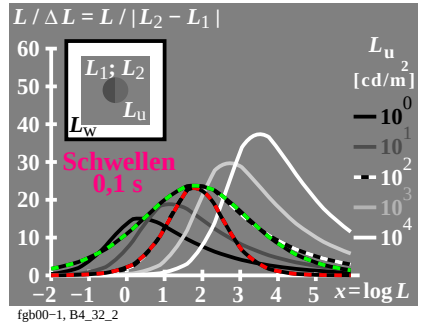

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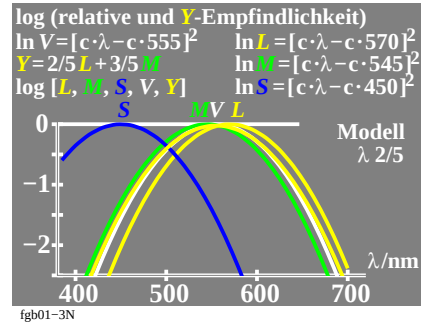

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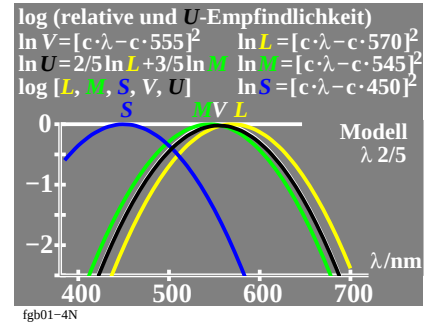

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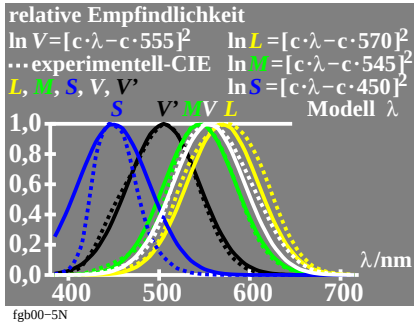
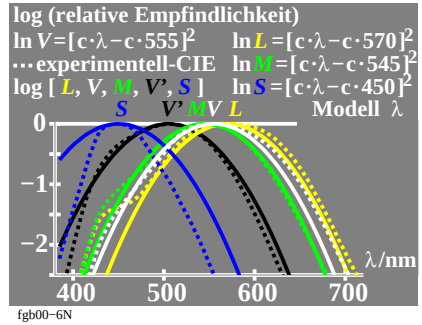


fgb00−5N



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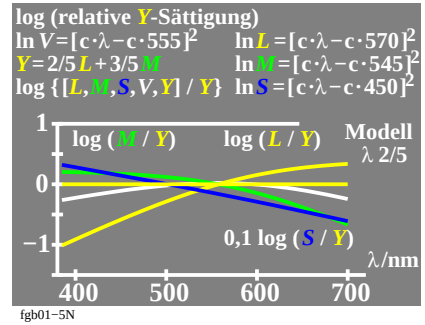

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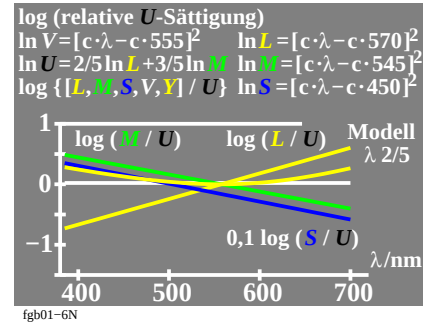


fgb01−6N

Spektrale Empfindlichkeiten *s* von Rezeptorsystemen *L, M, S, V, V'*

u=λ=Wellenlänge; *u*=ν=Frequenz

$s(u) = e^{-u^2}$ e=2,7183 ν=1/λ

Modell λ: $u = \frac{1}{55{,}5}(\lambda - \lambda_0)$

Modell ν: $u = 5550\,(\nu - \nu_0)$

maxima λ_0 von *L, M, S, V, V'* in Nanometer: 570, 545, 450, 555, 505

fgb00−7N

Spektrale Sättigungen *p* (=Purity) von Rezeptorsystemen *L, M, S, V, V'*

u=λ=Wellenlänge; *u*=ν=Frequenz

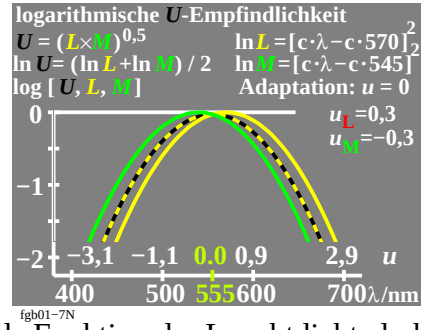
$s(u) = e^{-u^2}$ *i*=2/5; *j*=3/5 ν=1/λ

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: $p = \frac{s(L, M, S)}{e^{[i \ln(L) + j \ln(M)]}}$

fgb00−8N



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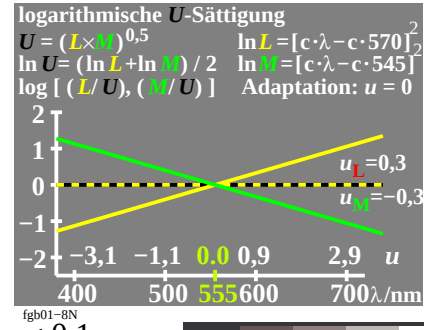

fgb01−8N