

logarithm.  $L_a$ -Daten

$$u_\lambda = (\lambda - 555) / 50$$

$$L_a = (R_o \cdot G_o)^{0,5}$$

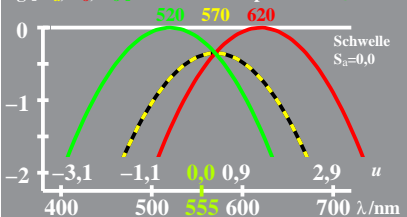
$$\log R_o = -0,35[u_\lambda - u_{520}]^2$$

$$\log L_a = (\log R_o + \log G_o) / 2$$

$$\log G_o = -0,35[u_\lambda - u_{620}]^2$$

$\log [L_a, R_o, G_o]$

Adaptation:  $\lambda_{RG} = 570$



logarithm.  $L_a$ -Sättigung

$$u_\lambda = (\lambda - 555) / 50$$

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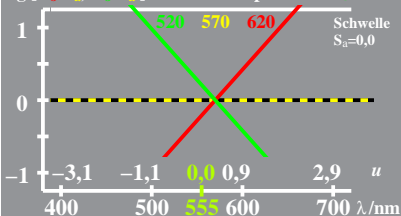
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$$\log [R_o/L_a, G_o/L_a]$$

Adaptation:  $\lambda_{RG} = 570$



logarithm.  $M_a$ -Daten

$$u_\lambda = (\lambda - 555) / 50$$

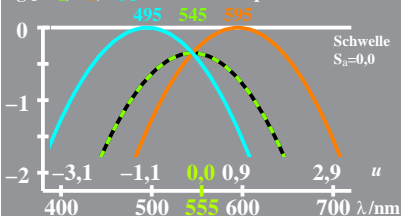
$$M_a = (O_o \cdot C_o)^{0,5}$$

$$\log O_o = -0,35[u_\lambda - u_{495}]^2$$

$$\log M_a = (\log O_o + \log C_o) / 2 \log C_o = -0,35[u_\lambda - u_{595}]^2$$

$\log [M_a, O_o, C_o]$

Adaptation:  $\lambda_{OC} = 545$



logarithm.  $M_a$ -Sättigung

$$u_\lambda = (\lambda - 555) / 50$$

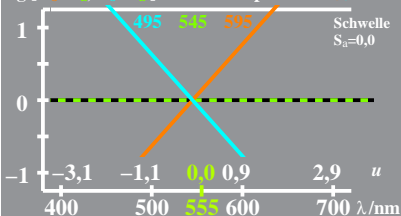
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$$\log [O_o/M_a, C_o/M_a]$$

Adaptation:  $\lambda_{OC} = 545$



logarithm.  $G_a$ -Daten

$$u_\lambda = (\lambda - 555) / 50$$

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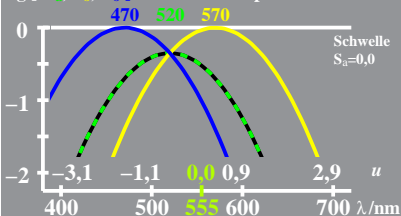
$$\log L_o = -0,35[u_\lambda - u_{470}]^2$$

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

$\log [G_a, L_o, B_o]$

Adaptation:  $\lambda_{LB} = 520$



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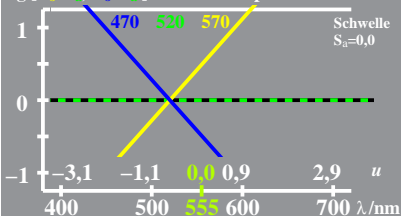
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$$\log [L_o/G_a, B_o/G_a]$$

Adaptation:  $\lambda_{LB} = 520$



logarithm.  $C_a$ -Daten

$$u_\lambda = (\lambda - 555) / 50$$

$$C_a = (M_o \cdot S_o)^{0,5}$$

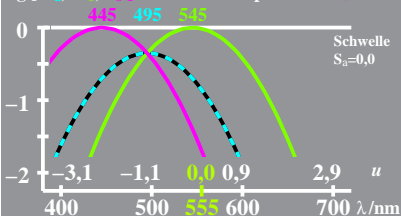
$$\log M_o = -0,35[u_\lambda - u_{445}]^2$$

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$\log [C_a, M_o, S_o]$

Adaptation:  $\lambda_{MS} = 495$



logarithm.  $C_a$ -Sättigung

$$u_\lambda = (\lambda - 555) / 50$$

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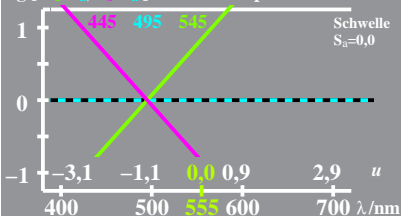
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$$\log [M_o / C_a, S_o / C_a]$$

Adaptation:  $\lambda_{MS} = 495$





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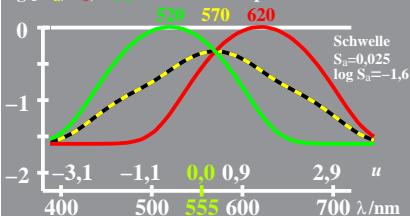
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Adaptation:  $\lambda_{RG} = 570$



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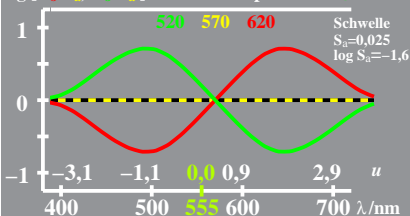
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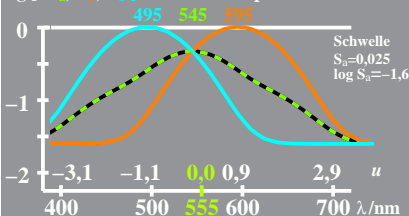
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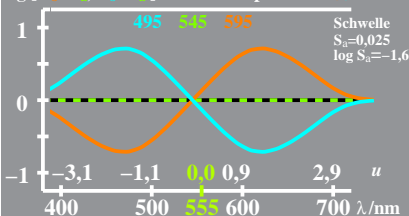
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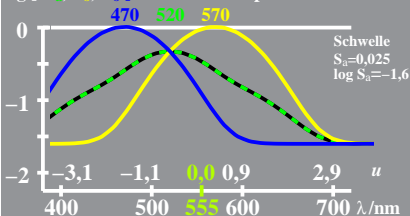
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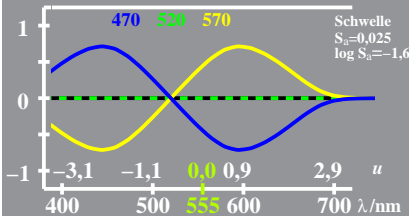
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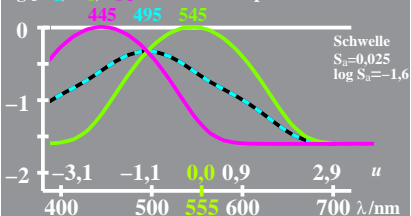
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