

logarithm. U_a -Daten

$$U_a = (L_o \cdot M_o)^{0,5}$$

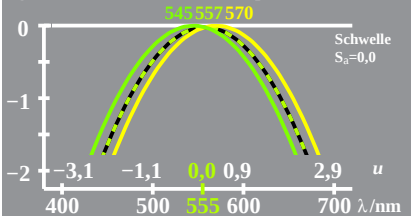
$$\log U_a = (\log L_o + \log M_o)/2 \quad \log M_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log [U_a, L_o, M_o]$$

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

$$\log L_o = -0,35[u_\lambda - u_{545}]^2$$

Adaptation: $\lambda_{LM}=557$



logarithm. U_a -Sättigung

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

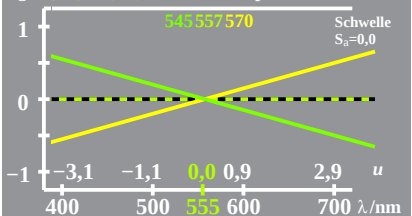
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$$\log [L_o / U_a, M_o / U_a]$$

Adaptation: $\lambda_{LM} = 557$



logarithm. X_a -Daten

$$X_a = (M_o \cdot G_o)^{0,5}$$

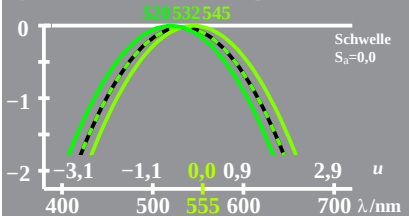
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$$u_\lambda = (\lambda - 555) / 50$$

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

Adaptation: $\lambda_{MG} = 532$



logarithm. X_a -Sättigung

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

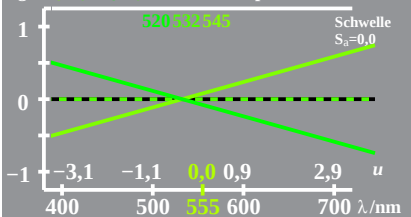
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$$\log [M_o/X_a, G_o/X_a]$$

Adaptation: $\lambda_{MG}=532$



logarithm. Y_a -Daten

$$Y_a = (G_o \cdot C_o)^{0,5}$$

$$\log Y_a = (\log G_o + \log C_o)/2$$

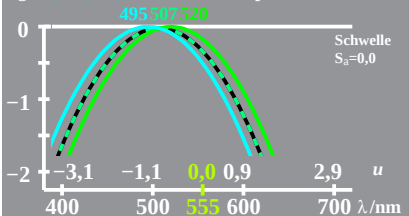
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Adaptation: $\lambda_{GC} = 507$



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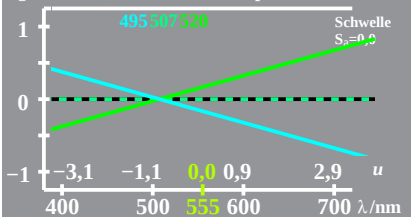
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logarithm. Z_a -Daten

$$Z_a = (C_o \cdot B_o)^{0,5}$$

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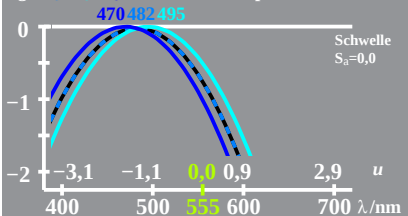
$$\log [Z_a, C_o, B_o]$$

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

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

$$\text{Adaptation: } \lambda_{CB} = 482$$



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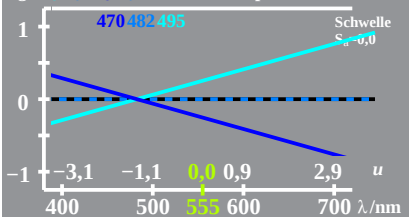
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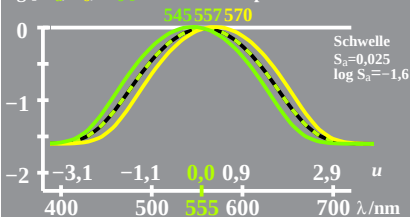
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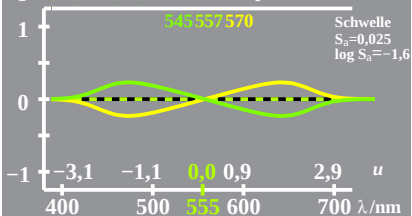
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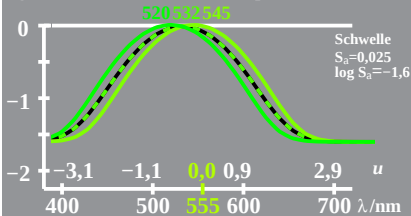
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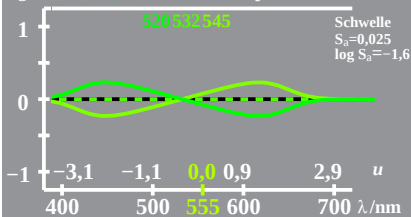
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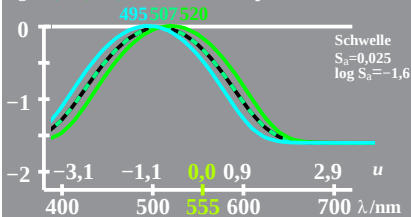
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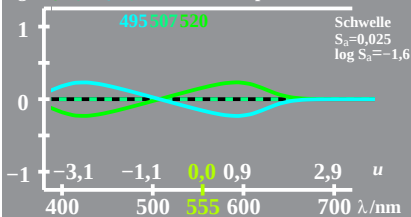
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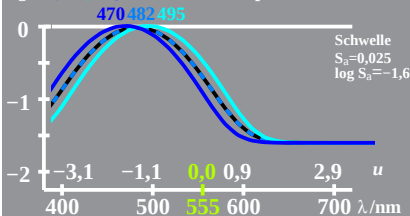
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