

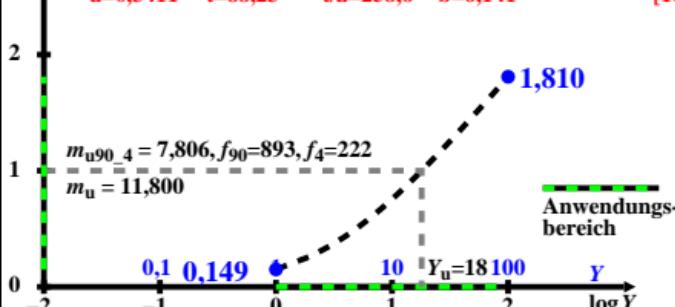
$$L^*_{85,2} / L^*_{85,2,u}$$

LABJND-Helligkeit $L^*_{85,2}$ normiert für die UmgebungsHelligkeit $L^*_{85,2,u}$

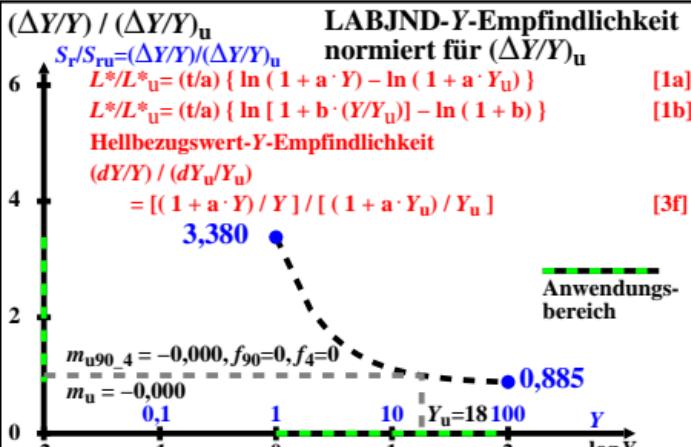
$$\frac{L^*}{L^*_{85,2,u}} = \frac{t/a}{(t/a) \{ \ln(1 + a \cdot Y) - \ln(1 + a \cdot Y_u) \}} \quad [1a]$$

$$\frac{L^*}{L^*_{85,2,u}} = \frac{(t/a) \{ \ln[1 + b \cdot (Y/Y_u)] - \ln(1 + b) \}}{(t/a) \{ \ln[1 + b \cdot (Y/Y_u)] - \ln(1 + b) \}} \quad [1b]$$

$$a=0,3411 \quad t=88,23 \quad t/a=258,6 \quad b=6,141 \quad [1c]$$



hgo11-1a



hgo11-3a

hgo11-3n

$$\Delta Y / \Delta Y_u$$

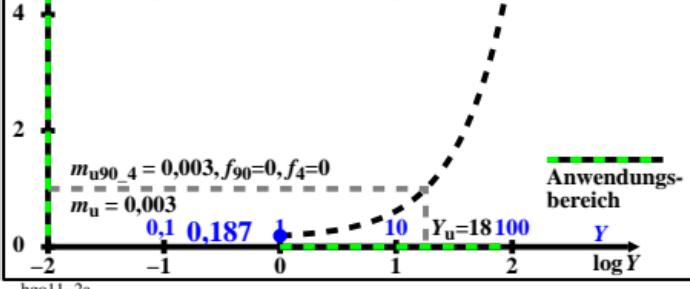
LABJND-Normfarbwertdifferenz ΔY normiert für ΔY_u

$$\frac{\Delta Y}{\Delta Y_u} = \frac{t/a}{(t/a) \{ \ln(1 + a \cdot Y) - \ln(1 + a \cdot Y_u) \}} \quad [1a]$$

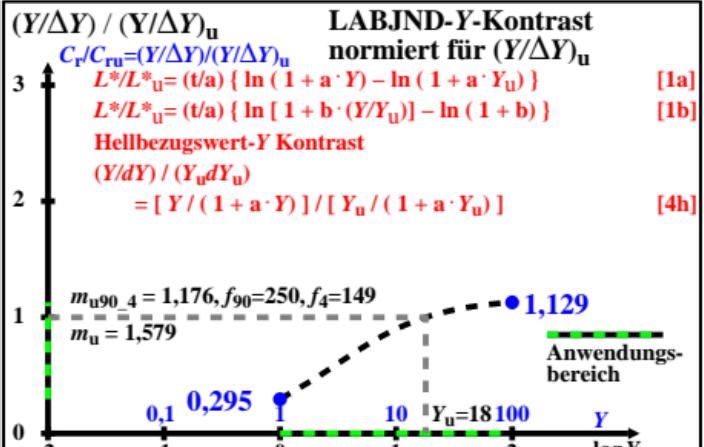
$$\frac{\Delta Y}{\Delta Y_u} = \frac{(t/a) \{ \ln[1 + b \cdot (Y/Y_u)] - \ln(1 + b) \}}{(t/a) \{ \ln[1 + b \cdot (Y/Y_u)] - \ln(1 + b) \}} \quad [1b]$$

normierte Normfarbwert-Y-Differenz
 $dY/dY_u = (1 + a \cdot Y) / (1 + a \cdot Y_u)$

$$4,917 \quad [3d]$$



hgo11-2a



hgo11-4a