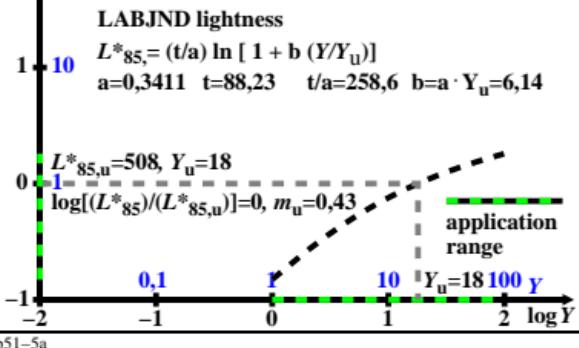
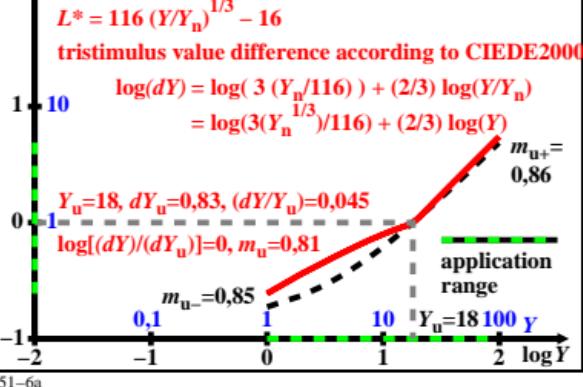


$\log(L^*_{85}/L^*_{85,u})$  normalized LABJND lightness  
 $\log(L^*_{85} / L^*_{85,u})$  no CIELDE2000 lightness

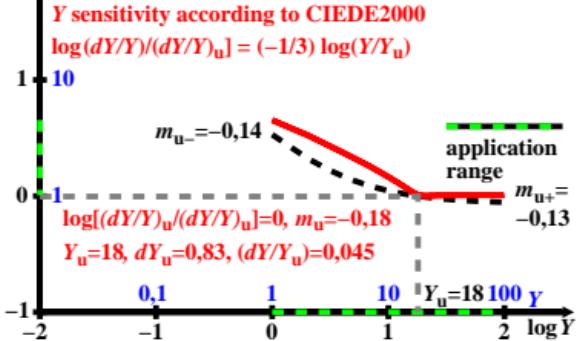


$\log(\Delta Y/\Delta Y_u)$  CIE tristimulus value difference  
 $\Delta Y$  normalized to  $\Delta Y_u$  for LABJND and CIEDE2000



$\log[(\Delta Y/Y) / (\Delta Y/Y_u)]$  CIE Y sensitivity normalized to  $(\Delta Y/Y_u)$

$S_r/S_{ru}=(\Delta Y/Y)/(\Delta Y/Y_u)$  LABJND & CIEDE2000



$\log[(Y/\Delta Y) / (Y/\Delta Y_u)]$  CIE Y contrast normalized to  $(Y/\Delta Y_u)$

$C_r/C_{ru}=(Y/\Delta Y)/(Y/\Delta Y_u)$  LABJND & CIEDE2000

$Y$  contrast according to CIEDE2000

$$\log[(Y/\Delta Y)/(Y/\Delta Y_u)] = (1/3)\log((Y/Y_u))$$

$$L^*_u=50, Y_u=18, dY_u=0,83$$

