log[$\Delta Y/\Delta Y_u$] ΔY_{TUBJND} **tristimulus-value difference normalized to** $\Delta Y_{TUBJND,u}$

$100 L^*_{TUBJND} = (t/a) \ln [1 + b \cdot (Y/Y_u)]$ [1d]

a=0,3411 t=88,23 t/a=258,6 b=6,141 Y_u=18 [2d]

$dY/dY_u = (1 + a \cdot Y) / (1 + a \cdot Y_u)$ [3d]

$dY/dY_u = (1 + b \cdot Y/Y_u) / (1 + b)$ [4d]

Y_u=18, dY_u=0,08, dY_u/Y_u=0,004

log[(dY_u)/(dY_u)]=0, m_u=0,86

application range

N threshold

0,1   1   10 Y_u=18   100   1000 Y

-2   -1   0   1   2   3 log Y

cca60-4a