

$\log [(\Delta Y/Y) / (\Delta Y/Y)_u]$

LABJNDu4 relative
tistimulus value sensitivity

$Y_{nc} = Y_{wRGBnc} = 100, 21, 72, 7$

$$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y)_u$$

2 100

$$l^*_{LABJNDu4} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu4} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$(dY/Y) / (dY/Y)_u = [(A_{1n} + A_{2u}x) / x_u] / (A_{1n} + A_{2u})$$

1 10

0 1

$$\log[(dY/Y) / (dY/Y)_u] = 0, m_u = -0,26$$

$$l^*_u = 791, dY_u = 0,09, dY_u/Y_u = 0,0050$$

application
range

0,1

1

10

100

Y

-1

0

1

2

log(Y)

$x_N = 0,2$

$x_W = 5$

$x_u = 1$