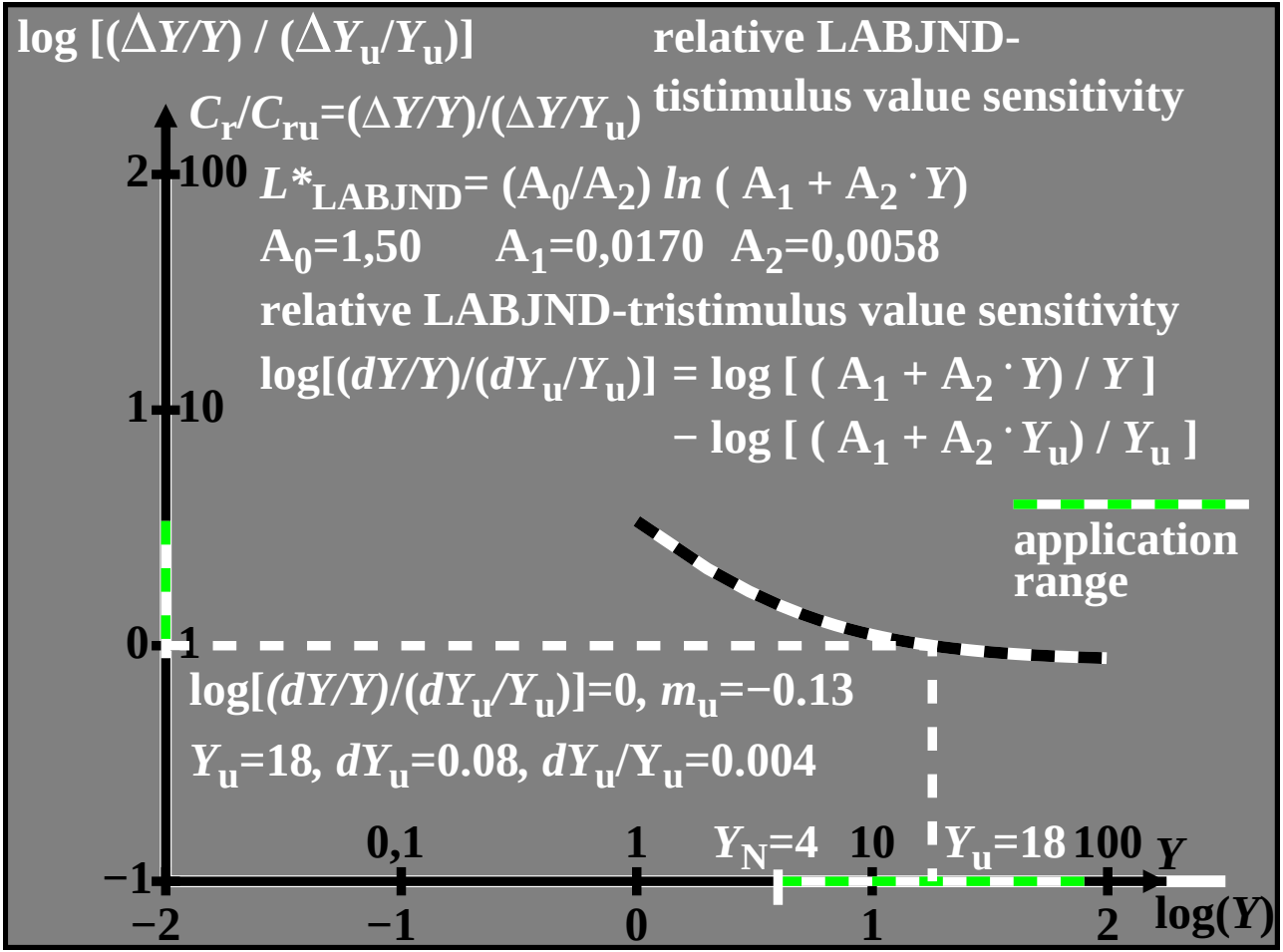
log [(ΔY/Y) / (ΔYu/Yu)]
relative LABJND-tistimulus value sensitivity
Cr/Cru=(ΔY/Y)/(ΔY/Yu)
2 100
L*LABJND= (A0/A2) ln (A1 + A2 · Y)
A0=1,50 A1=0,0170 A2=0,0058
relative LABJND-tristimulus value sensitivity
log[(dY/Y)/(dYu/Yu)] = log [(A1 + A2 · Y) / Y]
− log [(A1 + A2 · Yu) / Yu]
1 10
application range
0 1
log[(dY/Y)/(dYu/Yu)]=0, mu=−0.13
Yu=18, dYu=0.08, dYu/Yu=0.004
0,1
1
YN=4
10
Yu=18
100
Y
−1
−2
−1
0
1
2
log(Y)

BEU21−6A