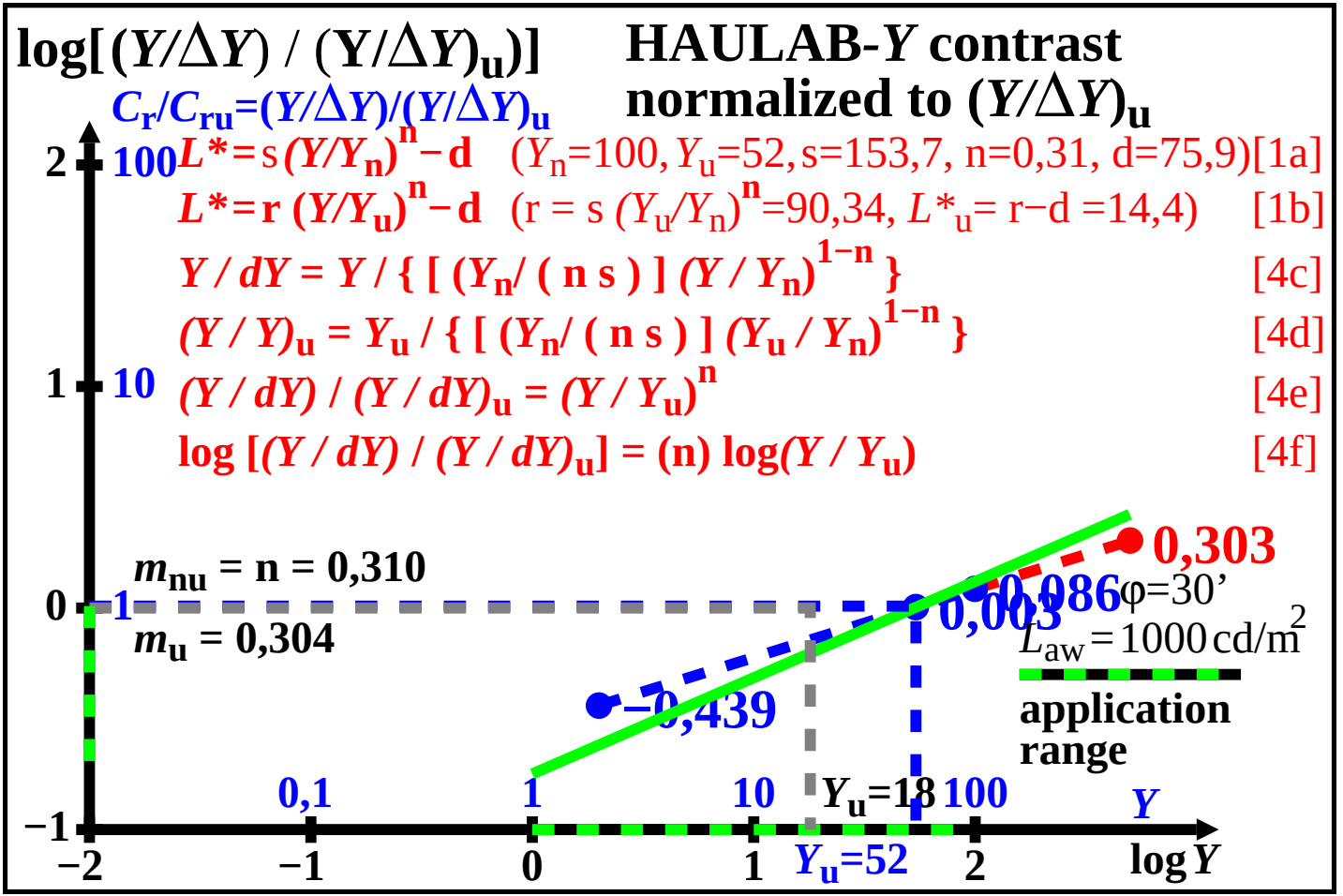
log[(Y/ΔY) / (Y/ΔY)u)]
HAULAB-Y contrast normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*=s (Y/Yn)^n − d (Yn=100, Yu=52, s=153,7, n=0,31, d=75,9) [1a]
L*=r (Y/Yu)^n − d (r = s (Yu/Yn)^n=90,34, L*u= r−d =14,4) [1b]
Y / dY = Y / { [(Yn/ (n s)] (Y / Yn)^1−n } [4c]
(Y / Y)u = Yu / { [(Yn/ (n s)] (Yu / Yn)^1−n } [4d]
(Y / dY) / (Y / dY)u = (Y / Yu)^n [4e]
log [(Y / dY) / (Y / dY)u] = (n) log(Y / Yu) [4f]
2
1
0
−1
100
10
1
mnu = n = 0,310
mu = 0,304
0,303
0,086
0,003
−0,439
φ=30’
Law = 1000 cd/m2
application range
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
Yu=52
2
log Y