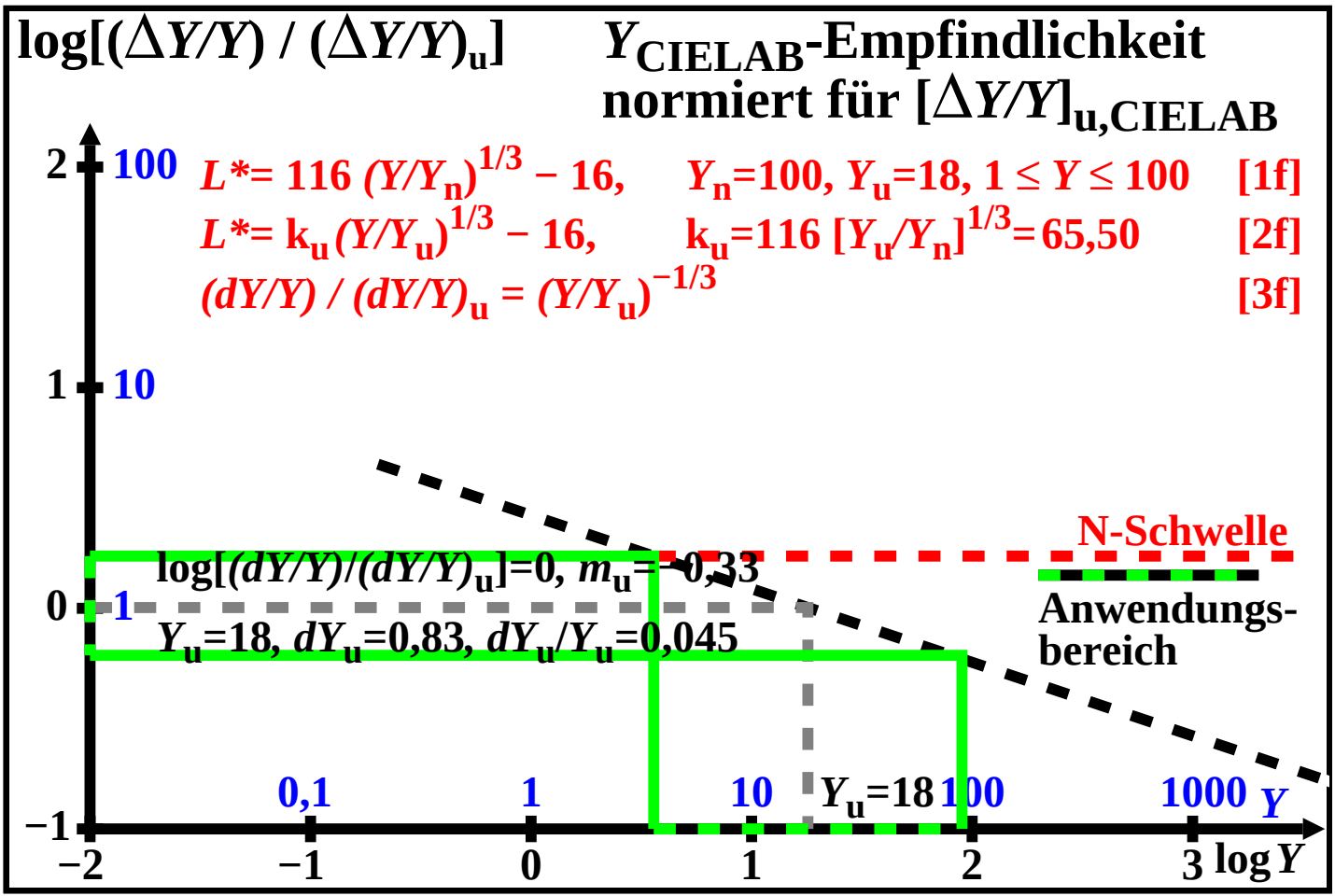
log[(ΔY/Y) / (ΔY/Y)u]
YCIELAB-Empfindlichkeit
normiert für [ΔY/Y]u,CIELAB
L*= 116 (Y/Yn)1/3 − 16, Yn=100, Yu=18, 1 ≤ Y ≤ 100 [1f]
L*= ku (Y/Yu)1/3 − 16, ku=116 [Yu/Yn]1/3=65,50 [2f]
(dY/Y) / (dY/Y)u = (Y/Yu)−1/3 [3f]
2
1
0
−1
100
10
1
log[(dY/Y)/(dY/Y)u]=0, mu=−0,33
Yu=18, dYu=0,83, dYu/Yu=0,045
N-Schwelle
Anwendungs-
bereich
0,1
1
10
Yu=18
100
1000
Y
−2
−1
0
1
2
3
log Y

egj70−3a